



# **EFOS**

## **SNMP Reference Guide**

**Programming Guide**  
**Software Release 3.4.3**

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# Chapter 1: Introduction

This document describes the SNMP MIBs that are included with the EFOS software. This includes descriptions for each MIB.

EFOS uses both standard public MIBs for standard functionality as well as a number of additional private MIBS for additional functionality supported by the switch. All private MIBs begin with the prefix FASTPATH<sup>®</sup>. For the configuration of interfaces, the primary MIB used is the FASTPATH-SWITCHING-MIB. Some of the configurations also involve objects in the public MIB, IF-MIB.

## Chapter 2: Base MIBs

This section contains the SNMP MIB information for the EFOS Base package.

### 2.1 SNMP-VIEW-BASED-ACM-MIB (RFC 3415)

**Table 1: vacmSecurityToGroupTable**

MIB Objects	Supported	Access	Default	Comments
vacmGroupName	No	read-create	None	Not implemented
vacmSecurityToGroupStorageType	No	read-create	nonVolatile	Not implemented
vacmSecurityToGroupStatus	No	read-create	None	Not implemented

**Table 2: vacmAccessTable**

MIB Objects	Supported	Access	Default	Comments
vacmAccessContextMatch	No	read-create	1	Not implemented
vacmAccessReadViewName	No	read-create	"H	Not implemented
vacmAccessWriteViewName	No	read-create	"H	Not implemented
vacmAccessNotifyViewName	No	read-create	"H	Not implemented
vacmAccessStorageType	No	read-create	nonVolatile	Not implemented
vacmAccessStatus	No	read-create	None	Not implemented

**Table 3: vacmMIBViews**

MIB Objects	Supported	Access	Default	Comments
vacmViewSpinLock	No	read-write	None	Not implemented

**Table 4: vacmViewTreeFamilyTable**

MIB Objects	Supported	Access	Default	Comments
vacmViewTreeFamilyMask	No	read-create	"H	Not implemented
vacmViewTreeFamilyType	No	read-create	1	Not implemented
vacmViewTreeFamilyStorageType	No	read-create	nonVolatile	Not implemented
vacmViewTreeFamilyStatus	No	read-create	None	Not implemented

## 2.2 SNMP-FRAMEWORK-MIB (RFC 3411)

Table 5: snmpEngine

MIB Objects	Supported	Access	Default	Comments
snmpEngineID	No	read-only	None	Not implemented
snmpEngineBoots	No	read-only	None	Not implemented
snmpEngineTime	No	read-only	None	Not implemented
snmpEngineMaxMessageSize	No	read-only	None	Not implemented

## 2.3 SNMP-MPD-MIB (RFC 3412)

Table 6: snmpMPDStats

MIB Objects	Supported	Access	Default	Comments
snmpUnknownSecurityModels	No	read-only	None	Not implemented
snmpInvalidMsgs	No	read-only	None	Not implemented
snmpUnknownPDUHandlers	No	read-only	None	Not implemented

## 2.4 SNMP-NOTIFICATION-MIB (RFC 3413)

**Table 7: snmpNotifyTable**

MIB Objects	Supported	Access	Default	Comments
snmpNotifyName	No	not-accessible	None	Not implemented
snmpNotifyTag	No	read-create	None	Not implemented
snmpNotifyType	No	read-create	1	Not implemented
snmpNotifyStorageType	No	read-create	nonVolatile	Not implemented
snmpNotifyRowStatus	No	read-create	None	Not implemented

**Table 8: snmpNotifyFilterProfileTable**

MIB Objects	Supported	Access	Default	Comments
snmpNotifyFilterProfileName	No	read-create	None	Not implemented
snmpNotifyFilterProfileStorType	No	read-create	nonVolatile	Not implemented
snmpNotifyFilterProfileRowStatus	No	read-create	None	Not implemented

**Table 9: snmpNotifyFilterTable**

MIB Objects	Supported	Access	Default	Comments
snmpNotifyFilterSubtree	No	not-accessible	None	Not implemented
snmpNotifyFilterMask	No	read-create	"H	Not implemented
snmpNotifyFilterType	No	read-create	1	Not implemented
snmpNotifyFilterStorageType	No	read-create	nonVolatile	Not implemented
snmpNotifyFilterRowStatus	No	read-create	None	Not implemented

## 2.5 SNMP-PROXY-MIB (RFC 3413)

Table 10: snmpProxyTable

MIB Objects	Supported	Access	Default	Comments
snmpProxyName	No	not-accessible	None	Not implemented
snmpProxyType	No	read-create	None	Not implemented
snmpProxyContextEngineID	No	read-create	None	Not implemented
snmpProxyContextName	No	read-create	None	Not implemented
snmpProxyTargetParamsIn	No	read-create	None	Not implemented
snmpProxySingleTargetOut	No	read-create	None	Not implemented
snmpProxyMultipleTargetOut	No	read-create	None	Not implemented
snmpProxyStorageType	No	read-create	nonVolatile	Not implemented
snmpProxyRowStatus	No	read-create	None	Not implemented

## 2.6 SNMP-TARGET-MIB (RFC 3413)

**Table 11: snmpTargetObjects**

MIB Objects	Supported	Access	Default	Comments
snmpTargetSpinLock	No	read-write	None	Not implemented
snmpUnavailableContexts	No	read-only	None	Not implemented
snmpUnknownContexts	No	read-only	None	Not implemented

**Table 12: snmpTargetAddrTable**

MIB Objects	Supported	Access	Default	Comments
snmpTargetAddrName	No	not-accessible	None	Not implemented
snmpTargetAddrTDomain	No	read-create	None	Not implemented
snmpTargetAddrTAddress	No	read-create	None	Not implemented
snmpTargetAddrTimeout	No	read-create	1500	Not implemented
snmpTargetAddrRetryCount	No	read-create	3	Not implemented
snmpTargetAddrTagList	No	read-create	None	Not implemented
snmpTargetAddrParams	No	read-create	None	Not implemented
snmpTargetAddrStorageType	No	read-create	nonVolatile	Not implemented
snmpTargetAddrRowStatus	No	read-create	None	Not implemented

**Table 13: snmpTargetParamsTable**

MIB Objects	Supported	Access	Default	Comments
snmpTargetParamsName	No	not-accessible	None	Not implemented
snmpTargetParamsMPModel	No	read-create	None	Not implemented
snmpTargetParamsSecurityModel	No	read-create	None	Not implemented
snmpTargetParamsSecurityName	No	read-create	None	Not implemented
snmpTargetParamsSecurityLevel	No	read-create	None	Not implemented
snmpTargetParamsStorageType	No	read-create	nonVolatile	Not implemented
snmpTargetParamsRowStatus	No	read-create	None	Not implemented

## 2.7 SNMP-USER-BASED-SM-MIB (RFC 3414)

**Table 14: usmStats**

MIB Objects	Supported	Access	Default	Comments
usmStatsUnsupportedSecLevels	No	read-only	None	Not implemented
usmStatsNotInTimeWindows	No	read-only	None	Not implemented
usmStatsUnknownUserNames	No	read-only	None	Not implemented
usmStatsUnknownEngineIDs	No	read-only	None	Not implemented
usmStatsWrongDigests	No	read-only	None	Not implemented
usmStatsDecryptionErrors	No	read-only	None	Not implemented

**Table 15: usmUser**

MIB Objects	Supported	Access	Default	Comments
usmUserSpinLock	No	read-write	None	Not implemented

**Table 16: usmUserTable**

MIB Objects	Supported	Access	Default	Comments
usmUserSecurityName	No	read-only	None	Not implemented
usmUserCloneFrom	No	read-create	None	Not implemented
usmUserAuthProtocol	No	read-create	usmNoAuthProtocol	Not implemented
usmUserAuthKeyChange	No	read-create	"H	Not implemented
usmUserOwnAuthKeyChange	No	read-create	"H	Not implemented
usmUserPrivProtocol	No	read-create	usmNoPrivProtocol	Not implemented
usmUserPrivKeyChange	No	read-create	"H	Not implemented
usmUserOwnPrivKeyChange	No	read-create	"H	Not implemented
usmUserPublic	No	read-create	"H	Not implemented
usmUserStorageType	No	read-create	nonVolatile	Not implemented
usmUserStatus	No	read-create	None	Not implemented

## 2.8 FASTPATH-TIMERANGE-MIB

**Table 17: fastPathTimeRangeGroup**

MIB Objects	Supported	Access	Default	Comments
timeRangeAdminMode	Yes	read-write	2	As per MIB
timeRangeIndexNextFree	Yes	read-only	None	As per MIB

**Table 18: timeRangeTable**

MIB Objects	Supported	Access	Default	Comments
timeRangeName	Yes	read-create	None	As per MIB
timeRangeOperState	Yes	read-only	None	As per MIB
timeRangeStatus	Yes	read-create	None	As per MIB

**Table 19: timeRangeAbsoluteTable**

MIB Objects	Supported	Access	Default	Comments
timeRangeAbsoluteStartDateAndTime	Yes	read-create	None	As per MIB
timeRangeAbsoluteEndDateAndTime	Yes	read-create	None	As per MIB
timeRangeAbsoluteStatus	Yes	read-create	None	As per MIB

**Table 20: timeRangePeriodicTable**

MIB Objects	Supported	Access	Default	Comments
timeRangePeriodicFrequency	Yes	read-create	None	As per MIB
timeRangePeriodicPattern	Yes	read-create	None	As per MIB
timeRangePeriodicDayMask	Yes	read-create	None	As per MIB
timeRangePeriodicStartDate	Yes	read-create	None	As per MIB
timeRangePeriodicStartDay	Yes	read-create	None	As per MIB
timeRangePeriodicStartTime	Yes	read-create	None	As per MIB
timeRangePeriodicEndDate	Yes	read-create	None	As per MIB
timeRangePeriodicEndDay	Yes	read-create	None	As per MIB
timeRangePeriodicEndTime	Yes	read-create	None	As per MIB
timeRangePeriodicStatus	Yes	read-create	None	As per MIB

## 2.9 FASTPATH-TIMEZONE-PRIVATE-MIB

**Table 21: agentSystemTimeGroup**

MIB Objects	Supported	Access	Default	Comments
agentSystemTime	Yes	read-write	None	As per MIB
agentSystemDate	Yes	read-write	None	As per MIB
agentSystemTimeZoneAcronym	Yes	read-only	None	As per MIB
agentSystemTimeSource	Yes	read-only	None	As per MIB
agentSystemSummerTimeState	Yes	read-only	None	As per MIB

**Table 22: agentTimeZoneGroup**

MIB Objects	Supported	Access	Default	Comments
agentTimeZoneHoursOffset	Yes	read-write	0	As per MIB
agentTimeZoneMinutesOffset	Yes	read-write	0	As per MIB
agentTimeZoneAcronym	Yes	read-write	None	As per MIB

**Table 23: agentSummerTimeGroup**

MIB Objects	Supported	Access	Default	Comments
agentSummerTimeMode	Yes	read-write	0	As per MIB

**Table 24: agentSummerTimeRecurringGroup**

MIB Objects	Supported	Access	Default	Comments
agentStRecurringStartingWeek	Yes	read-write	0	As per MIB
agentStRecurringStartingDay	Yes	read-write	0	As per MIB
agentStRecurringStartingMonth	Yes	read-write	0	As per MIB
agentStRecurringStartingTime	Yes	read-write	None	As per MIB
agentStRecurringEndingWeek	Yes	read-write	0	As per MIB
agentStRecurringEndingDay	Yes	read-write	0	As per MIB
agentStRecurringEndingMonth	Yes	read-write	0	As per MIB
agentStRecurringEndingTime	Yes	read-write	None	As per MIB
agentStRecurringZoneAcronym	Yes	read-write	None	As per MIB
agentStRecurringZoneOffset	Yes	read-write	0	As per MIB

**Table 25: agentSummerTimeNonRecurringGroup**

MIB Objects	Supported	Access	Default	Comments
agentStNonRecurringStartingDay	Yes	read-write	0	As per MIB
agentStNonRecurringStartingMonth	Yes	read-write	0	As per MIB
agentStNonRecurringStartingYear	Yes	read-write	0	As per MIB
agentStNonRecurringStartingTime	Yes	read-write	None	As per MIB
agentStNonRecurringEndingDay	Yes	read-write	0	As per MIB
agentStNonRecurringEndingMonth	Yes	read-write	0	As per MIB

**Table 25: agentSummerTimeNonRecurringGroup (Continued)**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
agentStNonRecurringEndingYear	Yes	read-write	0	As per MIB
agentStNonRecurringEndingTime	Yes	read-write	None	As per MIB
agentStNonRecurringZoneOffset	Yes	read-write	0	As per MIB
agentStNonRecurringZoneAcronym	Yes	read-write	None	As per MIB

## 2.10 SFLOW-MIB

**Table 26: sFlowAgent**

MIB Objects	Supported	Access	Default	Comments
sFlowVersion	Yes	read-only	1.3.;	As per MIB
sFlowAgentAddressType	Yes	read-only	None	As per MIB
sFlowAgentAddress	Yes	read-only	None	As per MIB

**Table 27: sFlowRcvrTable**

MIB Objects	Supported	Access	Default	Comments
sFlowRcvrOwner	Yes	read-write	None	As per MIB
sFlowRcvrTimeout	Yes	read-write	0	As per MIB
sFlowRcvrMaximumDatagramSize	Yes	read-write	1400	As per MIB
sFlowRcvrAddressType	Yes	read-write	ipv4	As per MIB
sFlowRcvrAddress	Yes	read-write	'00000000'h	As per MIB
sFlowRcvrPort	Yes	read-write	6343	As per MIB
sFlowRcvrDatagramVersion	Yes	read-write	5	As per MIB

**Table 28: sFlowFsTable**

MIB Objects	Supported	Access	Default	Comments
sFlowFsReceiver	Yes	read-write	0	As per MIB
sFlowFsPacketSamplingRate	Yes	read-write	0	As per MIB
sFlowFsMaximumHeaderSize	Yes	read-write	128	As per MIB

**Table 29: sFlowCpTable**

MIB Objects	Supported	Access	Default	Comments
sFlowCpReceiver	Yes	read-write	0	As per MIB
sFlowCpInterval	Yes	read-write	0	As per MIB

## 2.11 FASTPATH-SNTP-CLIENT-MIB

**Table 30: agentSntpClient**

MIB Objects	Supported	Access	Default	Comments
agentSntpClientVersion	Yes	read-only	None	As per MIB
agentSntpClientSupportedMode	Yes	read-only	None	As per MIB
agentSntpClientMode	Yes	read-write	0	As per MIB
agentSntpClientPort	Yes	read-write	0	As per MIB
agentSntpClientLastUpdateTime	Yes	read-only	'00000000'H	As per MIB
agentSntpClientLastAttemptTime	Yes	read-only	'00000000'H	As per MIB
agentSntpClientLastAttemptStatus	Yes	read-only	1	As per MIB
agentSntpClientServerAddressType	Yes	read-only	None	As per MIB
agentSntpClientServerAddress	Yes	read-only	None	As per MIB
agentSntpClientServerMode	Yes	read-only	None	As per MIB
agentSntpClientServerStratum	Yes	read-only	None	As per MIB
agentSntpClientServerRefClkId	Yes	read-only	None	As per MIB
agentSntpClientPollInterval	No	read-write	6	obsolete
agentSntpClientSourceInterface	Yes	read-write	None	As per MIB
agentSntpClientServicePortSrcInterface	Yes	read-write	None	As per MIB

**Table 31: agentSntpClientUnicast**

MIB Objects	Supported	Access	Default	Comments
agentSntpClientUnicastPollInterval	Yes	read-write	6	As per MIB
agentSntpClientUnicastPollTimeout	Yes	read-write	5	As per MIB
agentSntpClientUnicastPollRetry	Yes	read-write	1	As per MIB
agentSntpClientUcastServerMaxEntries	Yes	read-only	None	As per MIB
agentSntpClientUcastServerCurrEntries	Yes	read-only	None	As per MIB

**Table 32: agentSntpClientBroadcast**

MIB Objects	Supported	Access	Default	Comments
agentSntpClientBroadcastCount	Yes	read-only	None	As per MIB
agentSntpClientBroadcastInterval	Yes	read-write	6	As per MIB

**Table 33: agentSntpClientUcastServerTable**

MIB Objects	Supported	Access	Default	Comments
agentSntpClientUcastServerAddressType	Yes	read-create	None	As per MIB
agentSntpClientUcastServerAddress	Yes	read-create	None	As per MIB
agentSntpClientUcastServerPort	Yes	read-create	123	As per MIB
agentSntpClientUcastServerVersion	Yes	read-create	None	As per MIB
agentSntpClientUcastServerPrecedence	Yes	read-create	1	As per MIB
agentSntpClientUcastServerLastUpdateTime	Yes	read-only	'00000000'H	As per MIB
agentSntpClientUcastServerLastAttemptTime	Yes	read-only	'00000000'H	As per MIB

**Table 33: agentSntpClientUcastServerTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentSntpClientUcastServerLastAttemptStatus	Yes	read-only	1	As per MIB
agentSntpClientUcastServerNumRequests	Yes	read-only	None	As per MIB
agentSntpClientUcastServerNumFailedRequests	Yes	read-only	None	As per MIB
agentSntpClientUcastServerRowStatus	Yes	read-create	None	As per MIB

## 2.12 FASTPATH-LLPF-PRIVATE-MIB

**Table 34: agentSwitchLlpfPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchLlpfPortBlockMode	Yes	read-write	2	As per MIB

## 2.13 FASTPATH-BOXSERVICES-PRIVATE-MIB

**Table 35: boxServicesGroup**

MIB Objects	Supported	Access	Default	Comments
boxServicesNormalTempRangeMin	Yes	read-write	None	As per MIB
boxServicesNormalTempRangeMax	Yes	read-write	None	As per MIB
boxServicesTemperatureTrapEnable	Yes	read-write	None	As per MIB
boxServicesPSMStateTrapEnable	Yes	read-write	None	As per MIB
boxServicesFanStateTrapEnable	Yes	read-write	None	As per MIB
boxsPwrUsageHistoryUnitSampleInterval	Yes	read-write	None	As per MIB
boxsPwrUsageHistoryUnitMaxSamples	Yes	read-write	None	As per MIB
boxServicesThermalShutdownSensor	Yes	accessible-for-notify	None	As per MIB
boxServicesThermalShutdownTemperature	Yes	accessible-for-notify	None	As per MIB
boxsDyingGaspEventReason	Yes	accessible-for-notify	None	As per MIB

**Table 36: boxServicesFansTable**

MIB Objects	Supported	Access	Default	Comments
boxServicesFanItemType	Yes	read-only	None	As per MIB
boxServicesFanItemState	Yes	read-only	None	As per MIB
boxServicesFanSpeed	Yes	read-only	None	As per MIB
boxServicesFanDutyLevel	Yes	read-only	None	As per MIB

**Table 37: boxServicesPowSuppliesTable**

MIB Objects	Supported	Access	Default	Comments
boxServicesPowSupplyItemType	Yes	read-only	None	As per MIB
boxServicesPowSupplyItemState	Yes	read-only	None	As per MIB

**Table 38: boxsUnitPwrUsageHistoryTable**

MIB Objects	Supported	Access	Default	Comments
boxsPwrUsageHistoryUnitSampleTime	Yes	read-only	None	As per MIB
boxsPwrUsageHistoryUnitPowerConsumption	Yes	read-only	None	As per MIB
boxsPwrUsageHistoryStackPowerConsumption	Yes	read-only	None	As per MIB

**Table 39: boxServicesTempSensorsTable**

MIB Objects	Supported	Access	Default	Comments
boxServicesTempSensorType	Yes	read-only	None	As per MIB
boxServicesTempSensorState	No	read-only	None	Obsolete
boxServicesTempSensorTemperature	Yes	read-only	None	As per MIB

**Table 40: boxServicesTempUnitTable**

MIB Objects	Supported	Access	Default	Comments
boxServicesTempUnitState	Yes	read-only	None	As per MIB
boxServicesTempUnitTemperature	Yes	read-only	None	As per MIB

**Table 41: boxServicesDiskUtilizationTable**

MIB Objects	Supported	Access	Default	Comments
boxServicesDiskUtilizationTotalSpaceKb	Yes	read-only	None	As per MIB
boxServicesDiskUtilizationFreeSpaceKb	Yes	read-only	None	As per MIB
boxServicesDiskUtilizationUsedSpaceKb	Yes	read-only	None	As per MIB
boxServicesDiskUtilizationUsedSpaceInPercentage	Yes	read-only	None	As per MIB

**Table 42: boxServicesNotificationsGroup**

MIB Objects	Supported	Access	Default	Comments
boxsItemStateChangeEvent	Yes	accessible-for-notify	None	As per MIB
boxsTemperatureChangeEvent	Yes	accessible-for-notify	None	As per MIB
boxsTemperatureStatusCurrentEvent	Yes	accessible-for-notify	None	As per MIB
boxsTemperatureStatusPreviousEvent	Yes	accessible-for-notify	None	As per MIB

**Table 43: boxsLocatorLedConfigGroup**

MIB Objects	Supported	Access	Default	Comments
boxsLocatorLedUnit	Yes	read-write	None	As per MIB
boxsLocatorLedTime	Yes	read-write	None	As per MIB
boxsLocatorLedEnable	Yes	read-write	None	As per MIB

**Table 44: fastPathBoxServicesTraps**

MIB Objects	Supported	Access	Default	Comments
boxsFanStateChange	Yes	—	—	As per MIB
boxsPowSupplyStateChange	Yes	—	—	As per MIB
boxsTemperatureChange	Yes	—	—	As per MIB
boxsThermalShutdown	Yes	—	—	As per MIB
boxsTemperatureStateChange	Yes	—	—	As per MIB
boxsDyingGaspEventChange	Yes	—	—	As per MIB

## 2.14 DISMAN-PING-MIB (RFC 2925)

**Table 45: pingObjects**

MIB Objects	Supported	Access	Default	Comments
pingMaxConcurrentRequests	Yes	read-write	10	Read-only

**Table 46: pingCtlTable**

MIB Objects	Supported	Access	Default	Comments
pingCtlTargetAddressType	Yes	read-create	unknown	Read-only
pingCtlTargetAddress	Yes	read-create	"H	As per MIB
pingCtlDataSize	Yes	read-create	0	As per MIB
pingCtlTimeOut	Yes	read-create	3	As per MIB
pingCtlProbeCount	Yes	read-create	1	As per MIB
pingCtlAdminStatus	Yes	read-create	2	As per MIB
pingCtlDataFill	Yes	read-create	'00'H	Read-only
pingCtlFrequency	Yes	read-create	0	Read-only
pingCtlMaxRows	No	read-create	50	Not implemented
pingCtlStorageType	Yes	read-create	nonVolatile	Read-only
pingCtlTrapGeneration	Yes	read-create	None	Read-only
pingCtlTrapProbeFailureFilter	No	read-create	1	Not implemented
pingCtlTrapTestFailureFilter	No	read-create	1	Not implemented
pingCtlType	Yes	read-create	pingIcmpEcho	Read-only
pingCtlDescr	Yes	read-create	'00'H	Read-only
pingCtlSourceAddressType	No	read-create	ipv4	Not implemented
pingCtlSourceAddress	No	read-create	"H	Not implemented
pingCtlIfIndex	Yes	read-create	0	Read-only
pingCtlByPassRouteTable	No	read-create	false	Not implemented
pingCtlDSField	Yes	read-create	0	Read-only
pingCtlRowStatus	Yes	read-create	None	As per MIB

**Table 47: pingResultsTable**

MIB Objects	Supported	Access	Default	Comments
pingResultsOperStatus	Yes	read-only	None	As per MIB
pingResultsIpTargetAddressType	Yes	read-only	unknown	As per MIB
pingResultsIpTargetAddress	Yes	read-only	"H	As per MIB
pingResultsMinRtt	Yes	read-only	None	As per MIB
pingResultsMaxRtt	Yes	read-only	None	As per MIB
pingResultsAverageRtt	Yes	read-only	None	As per MIB
pingResultsProbeResponses	Yes	read-only	None	As per MIB
pingResultsSentProbes	Yes	read-only	None	As per MIB
pingResultsRttSumOfSquares	No	read-only	None	Not implemented
pingResultsLastGoodProbe	No	read-only	None	Not implemented

**Table 48: pingProbeHistoryTable**

MIB Objects	Supported	Access	Default	Comments
pingProbeHistoryResponse	No	read-only	None	Not implemented
pingProbeHistoryStatus	No	read-only	None	Not implemented
pingProbeHistoryLastRC	No	read-only	None	Not implemented
pingProbeHistoryTime	No	read-only	None	Not implemented

**Table 49: pingNotifications**

MIB Objects	Supported	Access	Default	Comments
pingProbeFailed	Yes	—	—	As per MIB
pingTestFailed	Yes	—	—	As per MIB
pingTestCompleted	Yes	—	—	As per MIB

## 2.15 DISMAN-TRACEROUTE-MIB (RFC 2925)

**Table 50: traceRouteObjects**

MIB Objects	Supported	Access	Default	Comments
traceRouteMaxConcurrentRequests	Yes	read-write	10	Read-only

**Table 51: traceRouteCtlTable**

MIB Objects	Supported	Access	Default	Comments
traceRouteCtlTargetAddressType	Yes	read-create	ipv4	Read-only
traceRouteCtlTargetAddress	Yes	read-create	None	As per MIB
traceRouteCtlByPassRouteTable	No	read-create	false	Not implemented
traceRouteCtlDataSize	Yes	read-create	0	As per MIB
traceRouteCtlTimeOut	Yes	read-create	3	As per MIB
traceRouteCtlProbesPerHop	Yes	read-create	3	As per MIB
traceRouteCtlPort	Yes	read-create	33434	As per MIB
traceRouteCtlMaxTtl	Yes	read-create	30	As per MIB
traceRouteCtlDSField	Yes	read-create	0	Read-only
traceRouteCtlSourceAddressType	Yes	read-create	unknown	Read-only
traceRouteCtlSourceAddress	Yes	read-create	"H	As per MIB
traceRouteCtlIfIndex	Yes	read-create	0	Read-only
traceRouteCtlMiscOptions	Yes	read-create	"H	Read-only
traceRouteCtlMaxFailures	Yes	read-create	5	As per MIB
traceRouteCtlDontFragment	Yes	read-create	false	As per MIB
traceRouteCtlInitialTtl	Yes	read-create	1	As per MIB
traceRouteCtlFrequency	No	read-create	0	Not implemented
traceRouteCtlStorageType	Yes	read-create	nonVolatile	Read-only
traceRouteCtlAdminStatus	Yes	read-create	2	As per MIB
traceRouteCtlDescr	Yes	read-create	'00'H	Read-only
traceRouteCtlMaxRows	No	read-create	50	Not implemented
traceRouteCtlTrapGeneration	Yes	read-create	None	Read-only
traceRouteCtlCreateHopsEntries	No	read-create	false	Not implemented
traceRouteCtlType	Yes	read-create	traceRouteUsingUdpProbes	Read-only
traceRouteCtlRowStatus	Yes	read-create	None	As per MIB

**Table 52: traceRouteResultsTable**

MIB Objects	Supported	Access	Default	Comments
traceRouteResultsOperStatus	Yes	read-only	None	As per MIB
traceRouteResultsCurHopCount	Yes	read-only	None	As per MIB
traceRouteResultsCurProbeCount	Yes	read-only	None	As per MIB
traceRouteResultsIpTgtAddrType	Yes	read-only	None	As per MIB
traceRouteResultsIpTgtAddr	Yes	read-only	None	As per MIB
traceRouteResultsTestAttempts	Yes	read-only	None	As per MIB

**Table 52: traceRouteResultsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
traceRouteResultsTestSuccesses	Yes	read-only	None	As per MIB
traceRouteResultsLastGoodPath	Yes	read-only	None	As per MIB

**Table 53: traceRouteProbeHistoryTable**

MIB Objects	Supported	Access	Default	Comments
traceRouteProbeHistoryHAddrType	No	read-only	None	Not implemented
traceRouteProbeHistoryHAddr	No	read-only	None	Not implemented
traceRouteProbeHistoryResponse	No	read-only	None	Not implemented
traceRouteProbeHistoryStatus	No	read-only	None	Not implemented
traceRouteProbeHistoryLastRC	No	read-only	None	Not implemented
traceRouteProbeHistoryTime	No	read-only	None	Not implemented

**Table 54: traceRouteHopsTable**

MIB Objects	Supported	Access	Default	Comments
traceRouteHopsIpTgtAddressType	Yes	read-only	None	As per MIB
traceRouteHopsIpTgtAddress	Yes	read-only	None	As per MIB
traceRouteHopsMinRtt	Yes	read-only	None	As per MIB
traceRouteHopsMaxRtt	Yes	read-only	None	As per MIB
traceRouteHopsAverageRtt	Yes	read-only	None	As per MIB
traceRouteHopsRttSumOfSquares	No	read-only	None	Not implemented
traceRouteHopsSentProbes	Yes	read-only	None	As per MIB
traceRouteHopsProbeResponses	Yes	read-only	None	As per MIB
traceRouteHopsLastGoodProbe	Yes	read-only	None	As per MIB

**Table 55: traceRouteNotifications**

MIB Objects	Supported	Access	Default	Comments
traceRoutePathChange	Yes	—	—	As per MIB
traceRouteTestFailed	Yes	—	—	As per MIB
traceRouteTestCompleted	Yes	—	—	As per MIB

## 2.16 LLDP-MIB (IEEE 802.1AB)

**Table 56: IldpConfiguration**

MIB Objects	Supported	Access	Default	Comments
IldpMessageTxInterval	Yes	read-write	30	As per MIB
IldpMessageTxHoldMultiplier	Yes	read-write	4	As per MIB
IldpReinitDelay	Yes	read-write	2	As per MIB
IldpTxDelay	Yes	read-write	2	As per MIB
IldpNotificationInterval	Yes	read-write	5	As per MIB

**Table 57: IldpStatistics**

MIB Objects	Supported	Access	Default	Comments
IldpStatsRemTablesLastChangeTime	Yes	read-only	None	As per MIB
IldpStatsRemTablesInserts	Yes	read-only	None	As per MIB
IldpStatsRemTablesDeletes	Yes	read-only	None	As per MIB
IldpStatsRemTablesDrops	Yes	read-only	None	As per MIB
IldpStatsRemTablesAgeouts	Yes	read-only	None	As per MIB

**Table 58: IldpLocalSystemData**

MIB Objects	Supported	Access	Default	Comments
IldpLocChassisIdSubtype	Yes	read-only	None	As per MIB
IldpLocChassisId	Yes	read-only	None	As per MIB
IldpLocSysName	Yes	read-only	None	As per MIB
IldpLocSysDesc	Yes	read-only	None	As per MIB
IldpLocSysCapSupported	Yes	read-only	None	As per MIB
IldpLocSysCapEnabled	Yes	read-only	None	As per MIB

**Table 59: IldpPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
IldpPortConfigAdminStatus	Yes	read-write	3	As per MIB
IldpPortConfigNotificationEnable	Yes	read-write	false	As per MIB
IldpPortConfigTLVsTxEnable	Yes	read-write	0x0	As per MIB

**Table 60: IldpConfigManAddrTable**

MIB Objects	Supported	Access	Default	Comments
IldpConfigManAddrPortsTxEnable	Yes	read-write	'H	As per MIB

**Table 61: IldpStatsTxPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpStatsTxPortFramesTotal	Yes	read-only	None	As per MIB

**Table 62: IldpStatsRxPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpStatsRxPortFramesDiscardedTotal	Yes	read-only	None	As per MIB
IldpStatsRxPortFramesErrors	Yes	read-only	None	As per MIB
IldpStatsRxPortFramesTotal	Yes	read-only	None	As per MIB
IldpStatsRxPortTLVsDiscardedTotal	Yes	read-only	None	As per MIB
IldpStatsRxPortTLVsUnrecognizedTotal	Yes	read-only	None	As per MIB
IldpStatsRxPortAgeoutsTotal	Yes	read-only	None	As per MIB

**Table 63: IldpLocPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpLocPortIdSubtype	Yes	read-write	None	As per MIB
IldpLocPortId	Yes	read-only	None	As per MIB
IldpLocPortDesc	Yes	read-only	None	As per MIB

**Table 64: IldpLocManAddrTable**

MIB Objects	Supported	Access	Default	Comments
IldpLocManAddrLen	Yes	read-only	None	As per MIB
IldpLocManAddrRfSubtype	Yes	read-only	None	As per MIB
IldpLocManAddrRfId	Yes	read-only	None	As per MIB
IldpLocManAddrOID	Yes	read-only	None	As per MIB

**Table 65: IldpRemTable**

MIB Objects	Supported	Access	Default	Comments
IldpRemChassisIdSubtype	Yes	read-only	None	As per MIB
IldpRemChassisId	Yes	read-only	None	As per MIB
IldpRemPortIdSubtype	Yes	read-only	None	As per MIB
IldpRemPortId	Yes	read-only	None	As per MIB
IldpRemPortDesc	Yes	read-only	None	As per MIB
IldpRemSysName	Yes	read-only	None	As per MIB
IldpRemSysDesc	Yes	read-only	None	As per MIB
IldpRemSysCapSupported	Yes	read-only	None	As per MIB
IldpRemSysCapEnabled	Yes	read-only	None	As per MIB

**Table 66: IldpRemManAddrTable**

MIB Objects	Supported	Access	Default	Comments
IldpRemManAddrIfSubtype	Yes	read-only	None	As per MIB
IldpRemManAddrIfId	Yes	read-only	None	As per MIB
IldpRemManAddrOID	Yes	read-only	None	As per MIB

**Table 67: IldpRemUnknownTLVTable**

MIB Objects	Supported	Access	Default	Comments
IldpRemUnknownTLVInfo	Yes	read-only	None	As per MIB

**Table 68: IldpRemOrgDefInfoTable**

MIB Objects	Supported	Access	Default	Comments
IldpRemOrgDefInfo	Yes	read-only	None	As per MIB

**Table 69: IldpNotificationPrefix**

MIB Objects	Supported	Access	Default	Comments
IldpRemTablesChange	Yes	—	—	As per MIB

## 2.17 LLDP-EXT-DOT3-MIB

**Table 70: IldpXdot3PortConfigTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3PortConfigTLVsTxEnable	No	read-write	0x0	Not implemented

**Table 71: IldpXdot3LocPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3LocPortAutoNegSupported	Yes	read-only	None	As per MIB
IldpXdot3LocPortAutoNegEnabled	Yes	read-only	None	As per MIB
IldpXdot3LocPortAutoNegAdvertisedCap	Yes	read-only	None	As per MIB
IldpXdot3LocPortOperMauType	Yes	read-only	None	As per MIB

**Table 72: IldpXdot3LocPowerTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3LocPowerPortClass	No	read-only	None	Not implemented
IldpXdot3LocPowerMDISupported	No	read-only	None	Not implemented
IldpXdot3LocPowerMDIEnabled	No	read-only	None	Not implemented
IldpXdot3LocPowerPairControlable	No	read-only	None	Not implemented
IldpXdot3LocPowerPairs	No	read-only	None	Not implemented
IldpXdot3LocPowerClass	No	read-only	None	Not implemented

**Table 73: IldpXdot3LocLinkAggTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3LocLinkAggStatus	No	read-only	None	Not implemented
IldpXdot3LocLinkAggPortId	No	read-only	None	Not implemented

**Table 74: IldpXdot3LocMaxFrameSizeTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3LocMaxFrameSize	No	read-only	None	Not implemented

**Table 75: IldpXdot3LocLpiTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3LocTxTwSys	Yes	read-only	None	As per MIB
IldpXdot3LocTxTwSysEcho	Yes	read-only	None	As per MIB
IldpXdot3LocRxTwSys	Yes	read-only	None	As per MIB
IldpXdot3LocRxTwSysEcho	Yes	read-only	None	As per MIB
IldpXdot3LocFbTwSys	Yes	read-only	None	As per MIB
IldpXdot3TxDllReady	Yes	read-only	None	As per MIB

**Table 75: IldpXdot3LocLpiTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RxDIIReady	Yes	read-only	None	As per MIB
IldpXdot3LocDIIEEnabled	Yes	read-only	None	As per MIB
IldpXdot3EEESupportList	Yes	read-only	None	As per MIB

**Table 76: IldpXdot3RemPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RemPortAutoNegSupported	Yes	read-only	None	As per MIB
IldpXdot3RemPortAutoNegEnabled	Yes	read-only	None	As per MIB
IldpXdot3RemPortAutoNegAdvertisedCap	Yes	read-only	None	As per MIB
IldpXdot3RemPortOperMauType	Yes	read-only	None	As per MIB

**Table 77: IldpXdot3RemPowerTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RemPowerPortClass	No	read-only	None	Not implemented
IldpXdot3RemPowerMDISupported	No	read-only	None	Not implemented
IldpXdot3RemPowerMDIEnabled	No	read-only	None	Not implemented
IldpXdot3RemPowerPairControlable	No	read-only	None	Not implemented
IldpXdot3RemPowerPairs	No	read-only	None	Not implemented
IldpXdot3RemPowerClass	No	read-only	None	Not implemented

**Table 78: IldpXdot3RemLinkAggTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RemLinkAggStatus	No	read-only	None	Not implemented
IldpXdot3RemLinkAggPortId	No	read-only	None	Not implemented

**Table 79: IldpXdot3RemMaxFrameSizeTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RemMaxFrameSize	No	read-only	None	Not implemented

**Table 80: IldpXdot3RemLpiTable**

MIB Objects	Supported	Access	Default	Comments
IldpXdot3RemTxTwSys	Yes	read-only	None	As per MIB
IldpXdot3RemTxTwSysEcho	Yes	read-only	None	As per MIB
IldpXdot3RemRxTwSys	Yes	read-only	None	As per MIB
IldpXdot3RemRxTwSysEcho	Yes	read-only	None	As per MIB
IldpXdot3RemFbTwSys	Yes	read-only	None	As per MIB

## 2.18 LLDP-EXT-MED-MIB (ANSI/TIA 1057)

**Table 81: IldpXMedConfig**

MIB Objects	Supported	Access	Default	Comments
IldpXMedLocDeviceClass	Yes	read-only	None	As per MIB
IldpXMedFastStartRepeatCount	Yes	read-write	3	As per MIB

**Table 82: IldpXMedLocalData**

MIB Objects	Supported	Access	Default	Comments
IldpXMedLocHardwareRev	Yes	read-only	None	As per MIB
IldpXMedLocFirmwareRev	Yes	read-only	None	As per MIB
IldpXMedLocSoftwareRev	Yes	read-only	None	As per MIB
IldpXMedLocSerialNum	Yes	read-only	None	As per MIB
IldpXMedLocMfgName	Yes	read-only	None	As per MIB
IldpXMedLocModelName	Yes	read-only	None	As per MIB
IldpXMedLocAssetID	Yes	read-only	None	As per MIB
IldpXMedLocXPoEDeviceType	Yes	read-only	None	As per MIB
IldpXMedLocXPoEPSEPowerSource	Yes	read-only	None	As per MIB
IldpXMedLocXPoEPDPowerReq	Yes	read-only	None	As per MIB
IldpXMedLocXPoEPDPowerSource	Yes	read-only	None	As per MIB
IldpXMedLocXPoEPDPowerPriority	Yes	read-only	None	As per MIB

**Table 83: IldpXMedPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedPortCapSupported	Yes	read-only	None	As per MIB
IldpXMedPortConfigTLVsTxEnable	Yes	read-write	0x0	As per MIB
IldpXMedPortConfigNotifEnable	Yes	read-write	false	As per MIB

**Table 84: IldpXMedLocMediaPolicyTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedLocMediaPolicyVlanID	No	read-only	None	Not implemented
IldpXMedLocMediaPolicyPriority	No	read-only	None	Not implemented
IldpXMedLocMediaPolicyDscp	No	read-only	None	Not implemented
IldpXMedLocMediaPolicyUnknown	No	read-only	None	Not implemented
IldpXMedLocMediaPolicyTagged	No	read-only	None	Not implemented

**Table 85: IldpXMedLocLocationTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedLocLocationInfo	Yes	read-write	None	As per MIB

**Table 86: IldpXMedLocXPoEPSEPortTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedLocXPoEPSEPortPowerAv	Yes	read-only	None	As per MIB
IldpXMedLocXPoEPSEPortPDPriority	Yes	read-only	None	As per MIB

**Table 87: IldpXMedRemCapabilitiesTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemCapSupported	Yes	read-only	None	As per MIB
IldpXMedRemCapCurrent	Yes	read-only	None	As per MIB
IldpXMedRemDeviceClass	Yes	read-only	None	As per MIB

**Table 88: IldpXMedRemMediaPolicyTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemMediaPolicyVlanID	Yes	read-only	None	As per MIB
IldpXMedRemMediaPolicyPriority	Yes	read-only	None	As per MIB
IldpXMedRemMediaPolicyDscp	Yes	read-only	None	As per MIB
IldpXMedRemMediaPolicyUnknown	Yes	read-only	None	As per MIB
IldpXMedRemMediaPolicyTagged	Yes	read-only	None	As per MIB

**Table 89: IldpXMedRemInventoryTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemHardwareRev	Yes	read-only	None	As per MIB
IldpXMedRemFirmwareRev	Yes	read-only	None	As per MIB
IldpXMedRemSoftwareRev	Yes	read-only	None	As per MIB
IldpXMedRemSerialNum	Yes	read-only	None	As per MIB
IldpXMedRemMfgName	Yes	read-only	None	As per MIB
IldpXMedRemModelName	Yes	read-only	None	As per MIB
IldpXMedRemAssetID	Yes	read-only	None	As per MIB

**Table 90: IldpXMedRemLocationTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemLocationInfo	Yes	read-only	None	As per MIB

**Table 91: IldpXMedRemXPoETable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemXPoEDeviceType	Yes	read-only	None	As per MIB

**Table 92: IldpXMedRemXPoEPSETable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemXPoEPSEPowerAv	Yes	read-only	None	As per MIB
IldpXMedRemXPoEPSEPowerSource	Yes	read-only	None	As per MIB
IldpXMedRemXPoEPSEPowerPriority	Yes	read-only	None	As per MIB

**Table 93: IldpXMedRemXPoEPDTable**

MIB Objects	Supported	Access	Default	Comments
IldpXMedRemXPoEPDPowerReq	Yes	read-only	None	As per MIB
IldpXMedRemXPoEPDPowerSource	Yes	read-only	None	As per MIB
IldpXMedRemXPoEPDPowerPriority	Yes	read-only	None	As per MIB

**Table 94: IldpXMedNotifications**

MIB Objects	Supported	Access	Default	Comments
IldpXMedTopologyChangeDetected	Yes	—	—	As per MIB

## 2.19 RMON-MIB (RFC 2819)

**Table 95: etherStatsTable**

MIB Objects	Supported	Access	Default	Comments
etherStatsDataSource	Yes	read-create	None	As per MIB
etherStatsDropEvents	Yes	read-only	None	As per MIB
etherStatsOctets	Yes	read-only	None	As per MIB
etherStatsPkts	Yes	read-only	None	As per MIB
etherStatsBroadcastPkts	Yes	read-only	None	As per MIB
etherStatsMulticastPkts	Yes	read-only	None	As per MIB
etherStatsCRCAlignErrors	Yes	read-only	None	As per MIB
etherStatsUndersizePkts	Yes	read-only	None	As per MIB
etherStatsOversizePkts	Yes	read-only	None	As per MIB
etherStatsFragments	Yes	read-only	None	As per MIB
etherStatsJabbers	Yes	read-only	None	As per MIB
etherStatsCollisions	Yes	read-only	None	As per MIB
etherStatsPkts64Octets	Yes	read-only	None	As per MIB
etherStatsPkts65to127Octets	Yes	read-only	None	As per MIB
etherStatsPkts128to255Octets	Yes	read-only	None	As per MIB
etherStatsPkts256to511Octets	Yes	read-only	None	As per MIB
etherStatsPkts512to1023Octets	Yes	read-only	None	As per MIB
etherStatsPkts1024to1518Octets	Yes	read-only	None	As per MIB
etherStatsOwner	Yes	read-create	None	As per MIB
etherStatsStatus	Yes	read-create	None	As per MIB

**Table 96: historyControlTable**

MIB Objects	Supported	Access	Default	Comments
historyControlDataSource	Yes	read-create	None	As per MIB
historyControlBucketsRequested	Yes	read-create	50	As per MIB
historyControlBucketsGranted	Yes	read-only	None	As per MIB
historyControlInterval	Yes	read-create	1800	As per MIB
historyControlOwner	Yes	read-create	None	As per MIB
historyControlStatus	Yes	read-create	None	As per MIB

**Table 97: etherHistoryTable**

MIB Objects	Supported	Access	Default	Comments
etherHistoryIntervalStart	Yes	read-only	None	As per MIB
etherHistoryDropEvents	Yes	read-only	None	As per MIB
etherHistoryOctets	Yes	read-only	None	As per MIB
etherHistoryPkts	Yes	read-only	None	As per MIB
etherHistoryBroadcastPkts	Yes	read-only	None	As per MIB
etherHistoryMulticastPkts	Yes	read-only	None	As per MIB
etherHistoryCRCAlignErrors	Yes	read-only	None	As per MIB

**Table 97: etherHistoryTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
etherHistoryUndersizePkts	Yes	read-only	None	As per MIB
etherHistoryOversizePkts	Yes	read-only	None	As per MIB
etherHistoryFragments	Yes	read-only	None	As per MIB
etherHistoryJabbers	Yes	read-only	None	As per MIB
etherHistoryCollisions	Yes	read-only	None	As per MIB
etherHistoryUtilization	Yes	read-only	None	As per MIB

**Table 98: alarmTable**

MIB Objects	Supported	Access	Default	Comments
alarmInterval	Yes	read-create	None	As per MIB
alarmVariable	Yes	read-create	None	As per MIB
alarmSampleType	Yes	read-create	None	As per MIB
alarmValue	Yes	read-only	None	As per MIB
alarmStartupAlarm	Yes	read-create	None	As per MIB
alarmRisingThreshold	Yes	read-create	None	As per MIB
alarmFallingThreshold	Yes	read-create	None	As per MIB
alarmRisingEventIndex	Yes	read-create	None	As per MIB
alarmFallingEventIndex	Yes	read-create	None	As per MIB
alarmOwner	Yes	read-create	None	As per MIB
alarmStatus	Yes	read-create	None	As per MIB

**Table 99: hostControlTable**

MIB Objects	Supported	Access	Default	Comments
hostControlDataSource	No	read-create	None	Not implemented
hostControlTableSize	No	read-only	None	Not implemented
hostControlLastDeleteTime	No	read-only	None	Not implemented
hostControlOwner	No	read-create	None	Not implemented
hostControlStatus	No	read-create	None	Not implemented

**Table 100: rmonEventsV2**

MIB Objects	Supported	Access	Default	Comments
risingAlarm	Yes	—	As per MIB	—
fallingAlarm	Yes	—	As per MIB	—

**Table 101: hostTable**

MIB Objects	Supported	Access	Default	Comments
hostCreationOrder	No	read-only	None	Not implemented
hostInPkts	No	read-only	None	Not implemented

**Table 101: hostTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
hostOutPkts	No	read-only	None	Not implemented
hostInOctets	No	read-only	None	Not implemented
hostOutOctets	No	read-only	None	Not implemented
hostOutErrors	No	read-only	None	Not implemented
hostOutBroadcastPkts	No	read-only	None	Not implemented
hostOutMulticastPkts	No	read-only	None	Not implemented

**Table 102: hostTimeTable**

MIB Objects	Supported	Access	Default	Comments
hostTimeAddress	No	read-only	None	Not implemented
hostTimeInPkts	No	read-only	None	Not implemented
hostTimeOutPkts	No	read-only	None	Not implemented
hostTimeInOctets	No	read-only	None	Not implemented
hostTimeOutOctets	No	read-only	None	Not implemented
hostTimeOutErrors	No	read-only	None	Not implemented
hostTimeOutBroadcastPkts	No	read-only	None	Not implemented
hostTimeOutMulticastPkts	No	read-only	None	Not implemented

**Table 103: hostTopNControlTable**

MIB Objects	Supported	Access	Default	Comments
hostTopNHostIndex	No	read-create	None	Not implemented
hostTopNRateBase	No	read-create	None	Not implemented
hostTopNTimeRemaining	No	read-create	0	Not implemented
hostTopNDuration	No	read-only	0	Not implemented
hostTopNRequestedSize	No	read-create	10	Not implemented
hostTopNGrantedSize	No	read-only	None	Not implemented
hostTopNStartTime	No	read-only	None	Not implemented
hostTopNOwner	No	read-create	None	Not implemented
hostTopNStatus	No	read-create	None	Not implemented

**Table 104: hostTopNTable**

MIB Objects	Supported	Access	Default	Comments
hostTopNAddress	No	read-only	None	Not implemented
hostTopNRate	No	read-only	None	Not implemented

**Table 105: matrixControlTable**

MIB Objects	Supported	Access	Default	Comments
matrixControlDataSource	No	read-create	None	Not implemented
matrixControlTableSize	No	read-only	None	Not implemented

**Table 105: matrixControlTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
matrixControlLastDeleteTime	No	read-only	None	Not implemented
matrixControlOwner	No	read-create	None	Not implemented
matrixControlStatus	No	read-create	None	Not implemented

**Table 106: matrixSDTable**

MIB Objects	Supported	Access	Default	Comments
matrixSDPkts	No	read-only	None	Not implemented
matrixSDOctets	No	read-only	None	Not implemented
matrixSDErrors	No	read-only	None	Not implemented

**Table 107: matrixDSTable**

MIB Objects	Supported	Access	Default	Comments
matrixDSPkts	No	read-only	None	Not implemented
matrixDSOctets	No	read-only	None	Not implemented
matrixDSErrors	No	read-only	None	Not implemented

**Table 108: filterTable**

MIB Objects	Supported	Access	Default	Comments
filterChannelIndex	No	read-create	None	Not implemented
filterPktDataOffset	No	read-create	0	Not implemented
filterPktData	No	read-create	None	Not implemented
filterPktDataMask	No	read-create	None	Not implemented
filterPktDataNotMask	No	read-create	None	Not implemented
filterPktStatus	No	read-create	None	Not implemented
filterPktStatusMask	No	read-create	None	Not implemented
filterPktStatusNotMask	No	read-create	None	Not implemented
filterOwner	No	read-create	None	Not implemented
filterStatus	No	read-create	None	Not implemented

**Table 109: channelTable**

MIB Objects	Supported	Access	Default	Comments
channelIfIndex	No	read-create	None	Not implemented
channelAcceptType	No	read-create	None	Not implemented
channelDataControl	No	read-create	2	Not implemented
channelTurnOnEventIndex	No	read-create	None	Not implemented
channelTurnOffEventIndex	No	read-create	None	Not implemented
channelEventIndex	No	read-create	None	Not implemented
channelEventStatus	No	read-create	1	Not implemented
channelMatches	No	read-only	None	Not implemented

**Table 109: channelTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
channelDescription	No	read-create	None	Not implemented
channelOwner	No	read-create	None	Not implemented
channelStatus	No	read-create	None	Not implemented

**Table 110: bufferControlTable**

MIB Objects	Supported	Access	Default	Comments
bufferControlChannelIndex	No	read-create	None	Not implemented
bufferControlFullStatus	No	read-only	None	Not implemented
bufferControlFullAction	No	read-create	None	Not implemented
bufferControlCaptureSliceSize	No	read-create	100	Not implemented
bufferControlDownloadSliceSize	No	read-create	100	Not implemented
bufferControlDownloadOffset	No	read-create	0	Not implemented
bufferControlMaxOctetsRequested	No	read-create	-1	Not implemented
bufferControlMaxOctetsGranted	No	read-only	None	Not implemented
bufferControlCapturedPackets	No	read-only	None	Not implemented
bufferControlTurnOnTime	No	read-only	None	Not implemented
bufferControlOwner	No	read-create	None	Not implemented
bufferControlStatus	No	read-create	None	Not implemented

**Table 111: captureBufferTable**

MIB Objects	Supported	Access	Default	Comments
captureBufferPacketID	No	read-only	None	Not implemented
captureBufferPacketData	No	read-only	None	Not implemented
captureBufferPacketLength	No	read-only	None	Not implemented
captureBufferPacketTime	No	read-only	None	Not implemented
captureBufferPacketStatus	No	read-only	None	Not implemented

**Table 112: eventTable**

MIB Objects	Supported	Access	Default	Comments
eventDescription	Yes	read-create	None	As per MIB
eventType	Yes	read-create	None	Read-only
eventCommunity	Yes	read-create	None	As per MIB
eventLastTimeSent	Yes	read-only	None	As per MIB
eventOwner	Yes	read-create	None	As per MIB
eventStatus	Yes	read-create	None	As per MIB

**Table 113: logTable**

MIB Objects	Supported	Access	Default	Comments
logTime	Yes	read-only	None	As per MIB

**Table 113: logTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
logDescription	Yes	read-only	None	As per MIB

**Table 114: rmonEventsV2**

MIB Objects	Supported	Access	Default	Comments
risingAlarm	Yes	—	As per MIB	—
fallingAlarm	Yes	—	As per MIB	—

## 2.20 RMON2-MIB

**Table 115: Add Table Title Here**

MIB Objects	Supported	Access	Default	Comments
protocolDirLastChange	No	read-only	None	Not implemented

**Table 116: addressMap**

MIB Objects	Supported	Access	Default	Comments
addressMapInserts	No	read-only	None	Not implemented
addressMapDeletes	No	read-only	None	Not implemented
addressMapMaxDesiredEntries	No	read-write	None	Not implemented

**Table 117: probeConfig**

MIB Objects	Supported	Access	Default	Comments
probeCapabilities	No	read-only	None	Not implemented
probeSoftwareRev	No	read-only	None	Not implemented
probeHardwareRev	No	read-only	None	Not implemented
probeDateTime	No	read-write	None	Not implemented
probeResetControl	No	read-write	None	Not implemented
probeDownloadFile	No	read-write	None	Not implemented
probeDownloadTFTPServer	No	read-write	None	Not implemented
probeDownloadAction	No	read-write	None	Not implemented
probeDownloadStatus	No	read-only	None	Not implemented
netDefaultGateway	No	read-create	None	Not implemented

**Table 118: protocolDirTable**

MIB Objects	Supported	Access	Default	Comments
protocolDirLocalIndex	No	read-only	None	Not implemented
protocolDirDescr	No	read-create	None	Not implemented
protocolDirType	No	read-only	None	Not implemented
protocolDirAddressMapConfig	No	read-create	None	Not implemented
protocolDirHostConfig	No	read-create	None	Not implemented
protocolDirMatrixConfig	No	read-create	None	Not implemented
protocolDirOwner	No	read-create	None	Not implemented
protocolDirStatus	No	read-create	None	Not implemented

**Table 119: protocolDistControlTable**

MIB Objects	Supported	Access	Default	Comments
protocolDistControlDataSource	No	read-create	None	Not implemented
protocolDistControlDroppedFrames	No	read-only	None	Not implemented
protocolDistControlCreateTime	No	read-only	None	Not implemented

**Table 119: protocolDistControlTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
protocolDistControlOwner	No	read-create	None	Not implemented
protocolDistControlStatus	No	read-create	None	Not implemented

**Table 120: protocolDistStatsTable**

MIB Objects	Supported	Access	Default	Comments
protocolDistStatsPkts	No	read-only	None	Not implemented
protocolDistStatsOctets	No	read-only	None	Not implemented

**Table 121: addressMapControlTable**

MIB Objects	Supported	Access	Default	Comments
addressMapControlDataSource	No	read-create	None	Not implemented
addressMapControlDroppedFrames	No	read-only	None	Not implemented
addressMapControlOwner	No	read-create	None	Not implemented
addressMapControlStatus	No	read-create	None	Not implemented

**Table 122: addressMapTable**

MIB Objects	Supported	Access	Default	Comments
addressMapPhysicalAddress	No	read-only	None	Not implemented
addressMapLastChange	No	read-only	None	Not implemented

**Table 123: hIHostControlTable**

MIB Objects	Supported	Access	Default	Comments
hIHostControlDataSource	No	read-create	None	Not implemented
hIHostControlNIDroppedFrames	No	read-only	None	Not implemented
hIHostControlNIInserts	No	read-only	None	Not implemented
hIHostControlNIDeletes	No	read-only	None	Not implemented
hIHostControlNIMaxDesiredEntries	No	read-create	None	Not implemented
hIHostControlAIDroppedFrames	No	read-only	None	Not implemented
hIHostControlAIInserts	No	read-only	None	Not implemented
hIHostControlAIDeletes	No	read-only	None	Not implemented
hIHostControlAIMaxDesiredEntries	No	read-create	None	Not implemented
hIHostControlOwner	No	read-create	None	Not implemented
hIHostControlStatus	No	read-create	None	Not implemented

**Table 124: nIHostTable**

MIB Objects	Supported	Access	Default	Comments
nIHostInPkts	No	read-only	None	Not implemented

**Table 124: nIHostTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
nIHostOutPkts	No	read-only	None	Not implemented
nIHostInOctets	No	read-only	None	Not implemented
nIHostOutOctets	No	read-only	None	Not implemented
nIHostOutMacNonUnicastPkts	No	read-only	None	Not implemented
nIHostCreateTime	No	read-only	None	Not implemented

**Table 125: hIMatrixControlTable**

MIB Objects	Supported	Access	Default	Comments
hIMatrixControlDataSource	No	read-create	None	Not implemented
hIMatrixControlNIDroppedFrames	No	read-only	None	Not implemented
hIMatrixControlNIInserts	No	read-only	None	Not implemented
hIMatrixControlNIDeletes	No	read-only	None	Not implemented
hIMatrixControlNIMaxDesiredEntries	No	read-create	None	Not implemented
hIMatrixControlAIDroppedFrames	No	read-only	None	Not implemented
hIMatrixControlAIInserts	No	read-only	None	Not implemented
hIMatrixControlAIDeletes	No	read-only	None	Not implemented
hIMatrixControlAIMaxDesiredEntries	No	read-create	None	Not implemented
hIMatrixControlOwner	No	read-create	None	Not implemented
hIMatrixControlStatus	No	read-create	None	Not implemented

**Table 126: nIMatrixSDTable**

MIB Objects	Supported	Access	Default	Comments
nIMatrixSDPkts	No	read-only	None	Not implemented
nIMatrixSDOctets	No	read-only	None	Not implemented
nIMatrixSDCreateTime	No	read-only	None	Not implemented

**Table 127: nIMatrixDSTable**

MIB Objects	Supported	Access	Default	Comments
nIMatrixDSPkts	No	read-only	None	Not implemented
nIMatrixDSOctets	No	read-only	None	Not implemented
nIMatrixDSCreateTime	No	read-only	None	Not implemented

**Table 128: nIMatrixTopNControlTable**

MIB Objects	Supported	Access	Default	Comments
nIMatrixTopNControlMatrixIndex	No	read-create	None	Not implemented
nIMatrixTopNControlRateBase	No	read-create	None	Not implemented
nIMatrixTopNControlTimeRemaining	No	read-create	1800	Not implemented
nIMatrixTopNControlGeneratedReports	No	read-only	None	Not implemented
nIMatrixTopNControlDuration	No	read-only	None	Not implemented

**Table 128: nIMatrixTopNControlTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
nIMatrixTopNControlRequestedSize	No	read-create	150	Not implemented
nIMatrixTopNControlGrantedSize	No	read-only	None	Not implemented
nIMatrixTopNControlStartTime	No	read-only	None	Not implemented
nIMatrixTopNControlOwner	No	read-create	None	Not implemented
nIMatrixTopNControlStatus	No	read-create	None	Not implemented

**Table 129: nIMatrixTopNTable**

MIB Objects	Supported	Access	Default	Comments
nIMatrixTopNProtocolDirLocalIndex	No	read-only	None	Not implemented
nIMatrixTopNSourceAddress	No	read-only	None	Not implemented
nIMatrixTopNDestAddress	No	read-only	None	Not implemented
nIMatrixTopNPktRate	No	read-only	None	Not implemented
nIMatrixTopNReversePktRate	No	read-only	None	Not implemented
nIMatrixTopNOctetRate	No	read-only	None	Not implemented
nIMatrixTopNReverseOctetRate	No	read-only	None	Not implemented

**Table 130: alHostTable**

MIB Objects	Supported	Access	Default	Comments
alHostInPkts	No	read-only	None	Not implemented
alHostOutPkts	No	read-only	None	Not implemented
alHostInOctets	No	read-only	None	Not implemented
alHostOutOctets	No	read-only	None	Not implemented
alHostCreateTime	No	read-only	None	Not implemented

**Table 131: alMatrixSDTable**

MIB Objects	Supported	Access	Default	Comments
alMatrixSDPkts	No	read-only	None	Not implemented
alMatrixSDOctets	No	read-only	None	Not implemented
alMatrixSDCreateTime	No	read-only	None	Not implemented

**Table 132: alMatrixDSTable**

MIB Objects	Supported	Access	Default	Comments
alMatrixDSPkts	No	read-only	None	Not implemented
alMatrixDSOctets	No	read-only	None	Not implemented
alMatrixDSCreateTime	No	read-only	None	Not implemented

**Table 133: alMatrixTopNControlTable**

MIB Objects	Supported	Access	Default	Comments
alMatrixTopNControlMatrixIndex	No	read-create	None	Not implemented
alMatrixTopNControlRateBase	No	read-create	None	Not implemented
alMatrixTopNControlTimeRemaining	No	read-create	1800	Not implemented
alMatrixTopNControlGeneratedReports	No	read-only	None	Not implemented
alMatrixTopNControlDuration	No	read-only	None	Not implemented
alMatrixTopNControlRequestedSize	No	read-create	150	Not implemented
alMatrixTopNControlGrantedSize	No	read-only	None	Not implemented
alMatrixTopNControlStartTime	No	read-only	None	Not implemented
alMatrixTopNControlOwner	No	read-create	None	Not implemented
alMatrixTopNControlStatus	No	read-create	None	Not implemented

**Table 134: alMatrixTopNTable**

MIB Objects	Supported	Access	Default	Comments
alMatrixTopNProtocolDirLocalIndex	No	read-only	None	Not implemented
alMatrixTopNSourceAddress	No	read-only	None	Not implemented
alMatrixTopNDestAddress	No	read-only	None	Not implemented
alMatrixTopNAppProtocolDirLocalIndex	No	read-only	None	Not implemented
alMatrixTopNPktRate	No	read-only	None	Not implemented
alMatrixTopNReversePktRate	No	read-only	None	Not implemented
alMatrixTopNOctetRate	No	read-only	None	Not implemented
alMatrixTopNReverseOctetRate	No	read-only	None	Not implemented

**Table 135: usrHistoryControlTable**

MIB Objects	Supported	Access	Default	Comments
usrHistoryControlObjects	No	read-create	None	Not implemented
usrHistoryControlBucketsRequested	No	read-create	50	Not implemented
usrHistoryControlBucketsGranted	No	read-only	None	Not implemented
usrHistoryControlInterval	No	read-create	1800	Not implemented
usrHistoryControlOwner	No	read-create	None	Not implemented
usrHistoryControlStatus	No	read-create	None	Not implemented

**Table 136: usrHistoryObjectTable**

MIB Objects	Supported	Access	Default	Comments
usrHistoryObjectVariable	No	read-create	None	Not implemented
usrHistoryObjectSampleType	No	read-create	None	Not implemented

**Table 137: usrHistoryTable**

MIB Objects	Supported	Access	Default	Comments
usrHistoryIntervalStart	No	read-only	None	Not implemented
usrHistoryIntervalEnd	No	read-only	None	Not implemented
usrHistoryAbsValue	No	read-only	None	Not implemented
usrHistoryValStatus	No	read-only	None	Not implemented

**Table 138: serialConfigTable**

MIB Objects	Supported	Access	Default	Comments
serialMode	No	read-create	1	Not implemented
serialProtocol	No	read-create	2	Not implemented
serialTimeout	No	read-create	300	Not implemented
serialModemInitString	No	read-create	None	Not implemented
serialModemHangUpString	No	read-create	None	Not implemented
serialModemConnectResp	No	read-create	None	Not implemented
serialModemNoConnectResp	No	read-create	None	Not implemented
serialDialoutTimeout	No	read-create	20	Not implemented
serialStatus	No	read-create	None	Not implemented

**Table 139: netConfigTable**

MIB Objects	Supported	Access	Default	Comments
netConfigIPAddress	No	read-create	None	Not implemented
netConfigSubnetMask	No	read-create	None	Not implemented
netConfigStatus	No	read-create	None	Not implemented

**Table 140: trapDestTable**

MIB Objects	Supported	Access	Default	Comments
trapDestCommunity	No	read-create	None	Not implemented
trapDestProtocol	No	read-create	None	Not implemented
trapDestAddress	No	read-create	None	Not implemented
trapDestOwner	No	read-create	None	Not implemented
trapDestStatus	No	read-create	None	Not implemented

**Table 141: serialConnectionTable**

MIB Objects	Supported	Access	Default	Comments
serialConnectDestIpAddress	No	read-create	None	Not implemented
serialConnectType	No	read-create	1	Not implemented
serialConnectDialString	No	read-create	None	Not implemented
serialConnectSwitchConnectSeq	No	read-create	None	Not implemented
serialConnectSwitchDisconnectSeq	No	read-create	None	Not implemented

**Table 141: serialConnectionTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
serialConnectSwitchResetSeq	No	read-create	None	Not implemented
serialConnectOwner	No	read-create	None	Not implemented
serialConnectStatus	No	read-create	None	Not implemented

**Table 142: etherStats2Table**

MIB Objects	Supported	Access	Default	Comments
etherStatsDroppedFrames	No	read-only	None	Not implemented
etherStatsCreateTime	No	read-only	None	Not implemented

**Table 143: historyControl2Table**

MIB Objects	Supported	Access	Default	Comments
historyControlDroppedFrames	No	read-only	None	Not implemented

**Table 144: hostControl2Table**

MIB Objects	Supported	Access	Default	Comments
hostControlDroppedFrames	No	read-only	None	Not implemented
hostControlCreateTime	No	read-only	None	Not implemented

**Table 145: matrixControl2Table**

MIB Objects	Supported	Access	Default	Comments
matrixControlDroppedFrames	No	read-only	None	Not implemented
matrixControlCreateTime	No	read-only	None	Not implemented

**Table 146: channel2Table**

MIB Objects	Supported	Access	Default	Comments
channelDroppedFrames	No	read-only	None	Not implemented
channelCreateTime	No	read-only	None	Not implemented

**Table 147: tokenRingMLStats2Table**

MIB Objects	Supported	Access	Default	Comments
tokenRingMLStatsDroppedFrames	No	read-only	None	Not implemented
tokenRingMLStatsCreateTime	No	read-only	None	Not implemented

**Table 148: tokenRingPStats2Table**

MIB Objects	Supported	Access	Default	Comments
tokenRingPStatsDroppedFrames	No	read-only	None	Not implemented
tokenRingPStatsCreateTime	No	read-only	None	Not implemented

**Table 149: ringStationControl2Table**

MIB Objects	Supported	Access	Default	Comments
ringStationControlDroppedFrames	No	read-only	None	Not implemented
ringStationControlCreateTime	No	read-only	None	Not implemented

**Table 150: sourceRoutingStats2Table**

MIB Objects	Supported	Access	Default	Comments
sourceRoutingStatsDroppedFrames	No	read-only	None	Not implemented
sourceRoutingStatsCreateTime	No	read-only	None	Not implemented

**Table 151: filter2Table**

MIB Objects	Supported	Access	Default	Comments
filterProtocolDirDataLocalIndex	No	read-create	0	Not implemented
filterProtocolDirLocalIndex	No	read-create	0	Not implemented

## 2.21 HC-RMON-MIB (RFC 3273)

**Table 152: mediaIndependentTable**

MIB Objects	Supported	Access	Default	Comments
mediaIndependentDataSource	Yes	read-create	None	As per MIB
mediaIndependentDropEvents	Yes	read-only	None	As per MIB
mediaIndependentDroppedFrames	Yes	read-only	None	As per MIB
mediaIndependentInPkts	Yes	read-only	None	As per MIB
mediaIndependentInOverflowPkts	Yes	read-only	None	As per MIB
mediaIndependentInHighCapacityPkts	Yes	read-only	None	As per MIB
mediaIndependentOutPkts	Yes	read-only	None	As per MIB
mediaIndependentOutOverflowPkts	Yes	read-only	None	As per MIB
mediaIndependentOutHighCapacityPkts	Yes	read-only	None	As per MIB
mediaIndependentInOctets	Yes	read-only	None	As per MIB
mediaIndependentInOverflowOctets	Yes	read-only	None	As per MIB
mediaIndependentInHighCapacityOctets	Yes	read-only	None	As per MIB
mediaIndependentOutOctets	Yes	read-only	None	As per MIB
mediaIndependentOutOverflowOctets	Yes	read-only	None	As per MIB
mediaIndependentOutHighCapacityOctets	Yes	read-only	None	As per MIB
mediaIndependentInNUCastPkts	Yes	read-only	None	As per MIB
mediaIndependentInNUCastOverflowPkts	Yes	read-only	None	As per MIB
mediaIndependentInNUCastHighCapacityPkts	Yes	read-only	None	As per MIB
mediaIndependentOutNUCastPkts	Yes	read-only	None	As per MIB
mediaIndependentOutNUCastOverflowPkts	Yes	read-only	None	As per MIB
mediaIndependentOutNUCastHighCapacityPkts	Yes	read-only	None	As per MIB
mediaIndependentInErrors	Yes	read-only	None	As per MIB
mediaIndependentOutErrors	Yes	read-only	None	As per MIB
mediaIndependentInputSpeed	Yes	read-only	None	As per MIB
mediaIndependentOutputSpeed	Yes	read-only	None	As per MIB
mediaIndependentDuplexMode	Yes	read-only	None	As per MIB
mediaIndependentOwner	Yes	read-create	None	As per MIB
mediaIndependentStatus	Yes	read-create	None	As per MIB

**Table 153: etherStatsHighCapacityTable**

MIB Objects	Supported	Access	Default	Comments
etherStatsHighCapacityOverflowPkts	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowOctets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOctets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts64Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts64Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts65to127Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts65to127Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts128to255Octets	Yes	read-only	None	As per MIB

**Table 153: etherStatsHighCapacityTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
etherStatsHighCapacityPkts128to255Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts256to511Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts256to511Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts512to1023Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts512to1023Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityOverflowPkts1024to1518Octets	Yes	read-only	None	As per MIB
etherStatsHighCapacityPkts1024to1518Octets	Yes	read-only	None	As per MIB

**Table 154: etherHistoryHighCapacityTable**

MIB Objects	Supported	Access	Default	Comments
etherHistoryHighCapacityOverflowPkts	Yes	read-only	None	As per MIB
etherHistoryHighCapacityPkts	Yes	read-only	None	As per MIB
etherHistoryHighCapacityOverflowOctets	Yes	read-only	None	As per MIB
etherHistoryHighCapacityOctets	Yes	read-only	None	As per MIB

## 2.22 HC-ALARM-MIB (RFC 3434)

**Table 155: hcAlarmCapabilitiesObjects**

MIB Objects	Supported	Access	Default	Comments
hcAlarmCapabilities	Yes	read-only	None	As per MIB

**Table 156: hcAlarmTable**

MIB Objects	Supported	Access	Default	Comments
hcAlarmInterval	Yes	read-create	None	As per MIB
hcAlarmVariable	Yes	read-create	None	As per MIB
hcAlarmSampleType	Yes	read-create	None	As per MIB
hcAlarmAbsValue	Yes	read-only	None	As per MIB
hcAlarmValueStatus	Yes	read-only	None	As per MIB
hcAlarmStartupAlarm	Yes	read-create	None	As per MIB
hcAlarmRisingThreshAbsValueLo	Yes	read-create	None	As per MIB
hcAlarmRisingThreshAbsValueHi	Yes	read-create	None	As per MIB
hcAlarmRisingThresholdValStatus	Yes	read-create	None	As per MIB
hcAlarmFallingThreshAbsValueLo	Yes	read-create	None	As per MIB
hcAlarmFallingThreshAbsValueHi	Yes	read-create	None	As per MIB
hcAlarmFallingThresholdValStatus	Yes	read-create	None	As per MIB
hcAlarmRisingEventIndex	Yes	read-create	None	As per MIB
hcAlarmFallingEventIndex	Yes	read-create	None	As per MIB
hcAlarmValueFailedAttempts	Yes	read-only	None	As per MIB
hcAlarmOwner	Yes	read-create	None	As per MIB
hcAlarmStorageType	Yes	read-create	None	As per MIB
hcAlarmStatus	Yes	read-create	None	As per MIB

**Table 157: hcAlarmNotifPrefix**

MIB Objects	Supported	Access	Default	Comments
hcRisingAlarm	Yes	—	—	As per MIB
hcFallingAlarm	Yes	—	—	As per MIB

## 2.23 FASTPATH-DHCPSEVER-PRIVATE-MIB

**Table 158: agentDhcpServerGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerAdminMode	Yes	read-write	2	As per MIB
agentDhcpServerPingPktNos	Yes	read-write	2	As per MIB
agentDhcpServerAutomaticBindingsNos	Yes	read-only	None	As per MIB
agentDhcpServerExpiredBindingsNos	Yes	read-only	None	As per MIB
agentDhcpServerMalformedMessagesReceived	Yes	read-only	None	As per MIB
agentDhcpServerDISCOVERMessagesReceived	Yes	read-only	None	As per MIB

**Table 158: agentDhcpServerGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerREQUESTMessagesReceived	Yes	read-only	None	As per MIB
agentDhcpServerDECLINEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcpServerRELEASEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcpServerINFORMMessagesReceived	Yes	read-only	None	As per MIB
agentDhcpServerOFFERMessagesSent	Yes	read-only	None	As per MIB
agentDhcpServerACKMessagesSent	Yes	read-only	None	As per MIB
agentDhcpServerNAKMessagesSent	Yes	read-only	None	As per MIB
agentDhcpServerClearStatistics	Yes	read-write	2	As per MIB
agentDhcpServerBootpAutomatic	Yes	read-only	None	As per MIB
agentDhcpServerDISCOVERMessagesDiscarded	Yes	read-only	None	As per MIB

**Table 159: agentDhcpServerPoolConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerPoolNameCreate	Yes	read-write	None	As per MIB
agentDhcpServerExcludedAddressRangeCreate	Yes	read-write	None	As per MIB
agentDhcpServerPoolOptionCreate	Yes	read-write	None	As per MIB

**Table 160: agentDhcpServerPoolConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerPoolName	Yes	read-only	None	As per MIB
agentDhcpServerPoolDefRouter	Yes	read-write	None	As per MIB
agentDhcpServerPoolDNSServer	Yes	read-write	None	As per MIB
agentDhcpServerPoolLeaseTime	Yes	read-write	None	As per MIB
agentDhcpServerPoolType	Yes	read-only	None	As per MIB
agentDhcpServerPoolNetbiosNameServer	Yes	read-write	None	As per MIB
agentDhcpServerPoolNetbiosNodeType	Yes	read-write	None	As per MIB
agentDhcpServerPoolSNTPServer	Yes	read-write	None	As per MIB
agentDhcpServerPoolNextServer	Yes	read-write	None	As per MIB
agentDhcpServerPoolDomainName	Yes	read-write	None	As per MIB
agentDhcpServerPoolBootfile	Yes	read-write	None	As per MIB
agentDhcpServerPoolRowStatus	Yes	read-write	None	As per MIB

**Table 161: agentDhcpServerPoolAllocationTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerPoolAllocationName	Yes	read-only	None	As per MIB
agentDhcpServerDynamicPoolIpAddress	Yes	read-write	None	As per MIB
agentDhcpServerDynamicPoolIpMask	Yes	read-write	None	As per MIB
agentDhcpServerDynamicPoolIpPrefixLength	Yes	read-write	None	As per MIB
agentDhcpServerPoolAllocationType	Yes	read-only	None	As per MIB
agentDhcpServerManualPoolClientIdentifier	Yes	read-write	None	As per MIB

**Table 161: agentDhcpServerPoolAllocationTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerManualPoolClientName	Yes	read-write	None	As per MIB
agentDhcpServerManualPoolClientHWAddr	Yes	read-write	None	As per MIB
agentDhcpServerManualPoolClientHWType	Yes	read-write	1	As per MIB
agentDhcpServerManualPoolIpAddress	Yes	read-write	None	As per MIB
agentDhcpServerManualPoolIpMask	Yes	read-write	None	As per MIB
agentDhcpServerManualPoolIpPrefixLength	Yes	read-write	None	As per MIB

**Table 162: agentDhcpServerExcludedAddressRangeTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerExcludedStartIpAddress	Yes	read-only	None	As per MIB
agentDhcpServerExcludedEndIpAddress	Yes	read-only	None	As per MIB
agentDhcpServerExcludedAddressRangeStatus	Yes	read-write	None	As per MIB

**Table 163: agentDhcpServerPoolOptionTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerOptionPoolName	Yes	read-only	None	As per MIB
agentDhcpServerPoolOptionAsciiData	Yes	read-write	None	As per MIB
agentDhcpServerPoolOptionHexData	Yes	read-write	None	As per MIB
agentDhcpServerPoolOptionIpAddressData	Yes	read-write	None	As per MIB
agentDhcpServerPoolOptionStatus	Yes	read-write	None	As per MIB

**Table 164: agentDhcpServerLeaseGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerLeaseClearAllBindings	Yes	read-write	2	As per MIB

**Table 165: agentDhcpServerLeaseTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerLeaseIPMask	Yes	read-only	None	As per MIB
agentDhcpServerLeaseHWAddress	Yes	read-only	None	As per MIB
agentDhcpServerLeaseRemainingTime	Yes	read-only	None	As per MIB
agentDhcpServerLeaseType	Yes	read-only	None	As per MIB
agentDhcpServerLeaseStatus	Yes	read-write	None	As per MIB

**Table 166: agentDhcpServerAddressConflictGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerClearAllAddressConflicts	Yes	read-write	2	As per MIB
agentDhcpServerAddressConflictLogging	Yes	read-write	1	As per MIB

**Table 167: agentDhcpServerAddressConflictTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpServerAddressConflictDetectionType	Yes	read-only	None	As per MIB
agentDhcpServerAddressConflictDetectionTime	Yes	read-only	None	As per MIB
agentDhcpServerAddressConflictStatus	Yes	read-write	None	As per MIB

## 2.24 FASTPATH-DHCPCLIENT-PRIVATE-MIB

**Table 168: agentdhcp4ClientLeaseParametersTable**

MIB Objects	Supported	Access	Default	Comments
agentdhcp4ClientIpAddress	Yes	read-only	None	As per MIB
agentdhcp4ClientSubnetMask	Yes	read-only	None	As per MIB
agentdhcp4ClientDhcpServerAddress	Yes	read-only	None	As per MIB
agentdhcp4ClientState	Yes	read-only	None	As per MIB
agentdhcp4ClientTransactionID	Yes	read-only	None	As per MIB
agentdhcp4ClientLeaseTime	Yes	read-only	None	As per MIB
agentdhcp4ClientRenewTime	Yes	read-only	None	As per MIB
agentdhcp4ClientRebindTime	Yes	read-only	None	As per MIB
agentdhcp4ClientRetryCount	Yes	read-only	None	As per MIB

## 2.25 FASTPATH-KEYING-PRIVATE-MIB

**Table 169: agentFeatureKeyingGroup**

MIB Objects	Supported	Access	Default	Comments
agentFeatureKeyingEnableKey	Yes	read-write	None	As per MIB
agentFeatureKeyingDisableKey	Yes	read-write	None	As per MIB

**Table 170: agentFeatureKeyingTable**

MIB Objects	Supported	Access	Default	Comments
agentFeatureKeyingName	Yes	read-only	None	As per MIB
agentFeatureKeyingStatus	Yes	read-only	None	As per MIB

## 2.26 FASTPATH-OUTBOUNDTELNET-PRIVATE-MIB

**Table 171: agentOutboundTelnetGroup**

MIB Objects	Supported	Access	Default	Comments
agentOutboundTelnetAdminMode	Yes	read-write	1	As per MIB
agentOutboundTelnetMaxNoOfSessions	Yes	read-write	5	As per MIB
agentOutboundTelnetTimeout	Yes	read-write	5	As per MIB

## 2.27 FASTPATH-SFLOW-MIB

**Table 172: agentFastPathSflowObjects**

MIB Objects	Supported	Access	Default	Comments
agentSflowSourceInterface	Yes	read-write	None	As per MIB
agentSflowServicePortSrcInterface	Yes	read-write	None	As per MIB
agentSflowRemoteAgentSourceInterface	Yes	read-write	None	As per MIB

**Table 173: agentSflowRemoteAgentTable**

MIB Objects	Supported	Access	Default	Comments
agentSflowRemoteAgentMonitorSession	Yes	read-write	0	As per MIB
agentSflowRemoteAgentMonitorSessionDestPort	Yes	read-write	None	As per MIB
agentSflowRemoteAgentAddressType	Yes	read-write	ipv4	As per MIB
agentSflowRemoteAgentAddress	Yes	read-write	'00000000'h	As per MIB
agentSflowRemoteAgentUdpPort	Yes	read-write	16343	As per MIB

**Table 174: agentSflowFsRemoteAgentTable**

MIB Objects	Supported	Access	Default	Comments
agentSflowFsRemoteAgentReceiver	Yes	read-write	0	As per MIB
agentSflowFsRemoteAgentPacketIngressSamplingRate	Yes	read-write	0	As per MIB
agentSflowFsRemoteAgentPacketEgressSamplingRate	Yes	read-write	0	As per MIB
agentSflowFsRemoteAgentPacketFlowBasedSamplingRate	Yes	read-write	0	As per MIB

## 2.28 FASTPATH-DNS-RESOLVER-CONTROL-MIB

**Table 175: agentResCtlglobal**

MIB Objects	Supported	Access	Default	Comments
agentResCtlAdminMode	Yes	read-write	None	As per MIB
agentResCtlDefDomainName	Yes	read-write	None	As per MIB
agentResCtlCacheFlushStatus	Yes	read-write	None	As per MIB
agentResCtlRequestTimeout	Yes	read-write	3	As per MIB
agentResCtlRequestRetransmits	Yes	read-write	2	As per MIB
agentResCtlSourceInterface	Yes	read-write	None	As per MIB
agentResCtlServicePortSrcInterface	Yes	read-write	None	As per MIB

**Table 176: agentResCtlDomainListTable**

MIB Objects	Supported	Access	Default	Comments
agentResCtlDomainListNameStatus	Yes	read-create	None	As per MIB

**Table 177: agentResCtlConfigIPTable**

MIB Objects	Supported	Access	Default	Comments
agentResCtlDnsNameServerStatus	Yes	read-create	None	As per MIB

**Table 178: agentResCtlStaticServTable**

MIB Objects	Supported	Access	Default	Comments
agentResCtlStaticNameServerStatus	Yes	read-create	None	As per MIB

## 2.29 DNS-SERVER-MIB

**Table 179: dnsServConfig**

MIB Objects	Supported	Access	Default	Comments
dnsServConfigImplementIdent	No	read-only	None	Not implemented
dnsServConfigRecurse	No	read-write	None	Not implemented
dnsServConfigUpTime	No	read-only	None	Not implemented
dnsServConfigResetTime	No	read-only	None	Not implemented
dnsServConfigReset	No	read-write	None	Not implemented

**Table 180: dnsServCounter**

MIB Objects	Supported	Access	Default	Comments
dnsServCounterAuthAns	No	read-only	None	Not implemented
dnsServCounterAuthNoNames	No	read-only	None	Not implemented
dnsServCounterAuthNoDataResps	No	read-only	None	Not implemented
dnsServCounterNonAuthDdatas	No	read-only	None	Not implemented
dnsServCounterNonAuthNoDdatas	No	read-only	None	Not implemented
dnsServCounterReferrals	No	read-only	None	Not implemented
dnsServCounterErrors	No	read-only	None	Not implemented
dnsServCounterRelNames	No	read-only	None	Not implemented
dnsServCounterReqRefusals	No	read-only	None	Not implemented
dnsServCounterReqUnparses	No	read-only	None	Not implemented
dnsServCounterOtherErrors	No	read-only	None	Not implemented

**Table 181: dnsServOptCounter**

MIB Objects	Supported	Access	Default	Comments
dnsServOptCounterSelfAuthAns	No	read-only	None	Not implemented
dnsServOptCounterSelfAuthNoNames	No	read-only	None	Not implemented
dnsServOptCounterSelfAuthNoDataResps	No	read-only	None	Not implemented
dnsServOptCounterSelfNonAuthDdatas	No	read-only	None	Not implemented
dnsServOptCounterSelfNonAuthNoDdatas	No	read-only	None	Not implemented
dnsServOptCounterSelfReferrals	No	read-only	None	Not implemented
dnsServOptCounterSelfErrors	No	read-only	None	Not implemented
dnsServOptCounterSelfRelNames	No	read-only	None	Not implemented
dnsServOptCounterSelfReqRefusals	No	read-only	None	Not implemented
dnsServOptCounterSelfReqUnparses	No	read-only	None	Not implemented
dnsServOptCounterSelfOtherErrors	No	read-only	None	Not implemented
dnsServOptCounterFriendsAuthAns	No	read-only	None	Not implemented
dnsServOptCounterFriendsAuthNoNames	No	read-only	None	Not implemented
dnsServOptCounterFriendsAuthNoDataResps	No	read-only	None	Not implemented
dnsServOptCounterFriendsNonAuthDdatas	No	read-only	None	Not implemented
dnsServOptCounterFriendsNonAuthNoDdatas	No	read-only	None	Not implemented
dnsServOptCounterFriendsReferrals	No	read-only	None	Not implemented

**Table 181: dnsServOptCounter (Continued)**

MIB Objects	Supported	Access	Default	Comments
dnsServOptCounterFriendsErrors	No	read-only	None	Not implemented
dnsServOptCounterFriendsRelNames	No	read-only	None	Not implemented
dnsServOptCounterFriendsReqRefusals	No	read-only	None	Not implemented
dnsServOptCounterFriendsReqUnparses	No	read-only	None	Not implemented
dnsServOptCounterFriendsOtherErrors	No	read-only	None	Not implemented

**Table 182: dnsServCounterTable**

MIB Objects	Supported	Access	Default	Comments
dnsServCounterRequests	No	read-only	None	Not implemented
dnsServCounterResponses	No	read-only	None	Not implemented

**Table 183: dnsServCounterTable**

MIB Objects	Supported	Access	Default	Comments
dnsServCounterRequests	No	read-only	None	Not implemented
dnsServCounterResponses	No	read-only	None	Not implemented

**Table 184: dnsServZoneTable**

MIB Objects	Supported	Access	Default	Comments
dnsServZoneLastReloadSuccess	No	read-only	None	Not implemented
dnsServZoneLastReloadAttempt	No	read-only	None	Not implemented
dnsServZoneLastSourceAttempt	No	read-only	None	Not implemented
dnsServZoneStatus	No	read-create	None	Not implemented
dnsServZoneSerial	No	read-only	None	Not implemented
dnsServZoneCurrent	No	read-only	None	Not implemented
dnsServZoneLastSourceSuccess	No	read-only	None	Not implemented

**Table 185: dnsServZoneSrcTable**

MIB Objects	Supported	Access	Default	Comments
dnsServZoneSrcStatus	No	read-create	None	Not implemented

## 2.30 DNS-RESOLVER-MIB

**Table 186: dnsResConfig**

MIB Objects	Supported	Access	Default	Comments
dnsResConfigImplementIdent	Yes	read-only	None	As per MIB
dnsResConfigService	Yes	read-only	None	As per MIB
dnsResConfigMaxCnames	Yes	read-only	None	As per MIB
dnsResConfigUpTime	Yes	read-only	None	As per MIB

**Table 186: dnsResConfig (Continued)**

MIB Objects	Supported	Access	Default	Comments
dnsResConfigResetTime	Yes	read-only	None	As per MIB
dnsResConfigReset	Yes	read-only	None	As per MIB

**Table 187: dnsResCounter**

MIB Objects	Supported	Access	Default	Comments
dnsResCounterNonAuthDataResps	Yes	read-only	None	As per MIB
dnsResCounterNonAuthNoDataResps	Yes	read-only	None	As per MIB
dnsResCounterMartians	Yes	read-only	None	As per MIB
dnsResCounterRecdResponses	Yes	read-only	None	As per MIB
dnsResCounterUnparseResps	Yes	read-only	None	As per MIB
dnsResCounterFallbacks	Yes	read-only	None	As per MIB

**Table 188: dnsResLameDelegation**

MIB Objects	Supported	Access	Default	Comments
dnsResLameDelegationOverflows	No	read-only	None	Not implemented

**Table 189: dnsResCache**

MIB Objects	Supported	Access	Default	Comments
dnsResCacheStatus	Yes	read-only	None	As per MIB
dnsResCacheMaxTTL	Yes	read-only	None	As per MIB
dnsResCacheGoodCaches	Yes	read-only	None	As per MIB
dnsResCacheBadCaches	Yes	read-only	None	As per MIB

**Table 190: dnsResNCache**

MIB Objects	Supported	Access	Default	Comments
dnsResNCacheStatus	No	read-write	None	Not implemented
dnsResNCacheMaxTTL	No	read-write	None	Not implemented
dnsResNCacheGoodNCaches	No	read-only	None	Not implemented
dnsResNCacheBadNCaches	No	read-only	None	Not implemented

**Table 191: dnsResOptCounter**

MIB Objects	Supported	Access	Default	Comments
dnsResOptCounterReferrals	No	read-only	None	Not implemented
dnsResOptCounterRetrans	No	read-only	None	Not implemented
dnsResOptCounterNoResponses	No	read-only	None	Not implemented
dnsResOptCounterRootRetrans	No	read-only	None	Not implemented
dnsResOptCounterInternals	No	read-only	None	Not implemented

**Table 191: dnsResOptCounter (Continued)**

MIB Objects	Supported	Access	Default	Comments
dnsResOptCounterInternalTimeOuts	No	read-only	None	Not implemented

**Table 192: dnsResConfigSbeltTable**

MIB Objects	Supported	Access	Default	Comments
dnsResConfigSbeltName	No	read-only	None	Not implemented
dnsResConfigSbeltRecursion	No	read-only	None	Not implemented
dnsResConfigSbeltPref	No	read-only	None	Not implemented
dnsResConfigSbeltStatus	Yes	read-create	None	As per MIB

**Table 193: dnsResCounterByOpcodeTable**

MIB Objects	Supported	Access	Default	Comments
dnsResCounterByOpcodeQueries	Yes	read-only	None	As per MIB
dnsResCounterByOpcodeResponses	Yes	read-only	None	As per MIB

**Table 194: dnsResCounterByRcodeTable**

MIB Objects	Supported	Access	Default	Comments
dnsResCounterByRcodeResponses	Yes	read-only	None	As per MIB

**Table 195: dnsResLameDelegationTable**

MIB Objects	Supported	Access	Default	Comments
dnsResLameDelegationCounts	No	read-only	None	Not implemented
dnsResLameDelegationStatus	No	read-write	None	Not implemented

**Table 196: dnsResCacheRRTable**

MIB Objects	Supported	Access	Default	Comments
dnsResCacheRRTTL	Yes	read-only	None	As per MIB
dnsResCacheRRElapsedTTL	Yes	read-only	None	As per MIB
dnsResCacheRRSource	Yes	read-only	None	As per MIB
dnsResCacheRRData	Yes	read-only	None	As per MIB
dnsResCacheRRStatus	Yes	read-write	None	As per MIB
dnsResCacheRRPrettyName	Yes	read-only	None	As per MIB

**Table 197: dnsResNCacheErrTable**

MIB Objects	Supported	Access	Default	Comments
dnsResNCacheErrTTL	No	read-only	None	Not implemented
dnsResNCacheErrElapsedTTL	No	read-only	None	Not implemented

**Table 197: dnsResNCacheErrTable (Continued)**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
dnsResNCacheErrSource	No	read-only	None	Not implemented
dnsResNCacheErrCode	No	read-only	None	Not implemented
dnsResNCacheErrStatus	No	read-write	None	Not implemented
dnsResNCacheErrPrettyName	No	read-only	None	Not implemented

## 2.31 FASTPATH-LOGGING-MIB

**Table 198: agentLogInMemoryConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogInMemoryAdminStatus	Yes	read-write	None	As per MIB
agentLogInMemoryBehavior	Yes	read-write	None	As per MIB

**Table 199: agentLogConsoleConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogConsoleAdminStatus	Yes	read-write	None	As per MIB
agentLogConsoleSeverityFilter	Yes	read-write	None	As per MIB

**Table 200: agentLogPersistentConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogPersistentAdminStatus	Yes	read-write	None	As per MIB
agentLogPersistentSeverityFilter	Yes	read-write	None	As per MIB
agentLogPersistentLogFiles	Yes	read-only	None	As per MIB

**Table 201: agentLogSysLogConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogSyslogAdminStatus	Yes	read-write	None	As per MIB
agentLogSyslogFacility	Yes	read-write	None	As per MIB
agentLogSyslogLocalPort	Yes	read-write	None	As per MIB
agentLogSyslogMaxHosts	Yes	read-only	None	As per MIB
agentLogSyslogSourceInterface	Yes	read-write	None	As per MIB
agentLogSyslogServicePortSrcInterface	Yes	read-write	None	As per MIB
agentLogProtocolVersion	Yes	read-write	None	As per MIB

**Table 202: agentLogCliCommandsConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogCliCommandsAdminStatus	Yes	read-write	None	As per MIB

**Table 203: agentLogWebConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogWebAdminStatus	Yes	read-write	None	As per MIB

**Table 204: agentLogSnmpConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogSnmpAdminStatus	Yes	read-write	None	As per MIB

**Table 205: agentLogAuditConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogAuditAdminStatus	Yes	read-write	None	As per MIB

**Table 206: agentLogSyslogHostTable**

MIB Objects	Supported	Access	Default	Comments
agentLogHostTableIpAddressType	Yes	read-create	None	As per MIB
agentLogHostTableIpAddress	Yes	read-create	None	As per MIB
agentLogHostTablePort	Yes	read-create	None	Read-only
agentLogHostTableSeverityFilter	Yes	read-create	None	As per MIB
agentLogHostTableRowStatus	Yes	read-create	None	As per MIB
agentLogHostTableTlsTransportMode	Yes	read-create	None	As per MIB
agentLogHostTableTlsAuthenticationMode	Yes	read-create	None	As per MIB
agentLogHostTableX509CertNum	Yes	read-create	None	As per MIB

**Table 207: agentLogStatisticsGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogMessagesReceived	Yes	read-only	None	As per MIB
agentLogMessagesDropped	Yes	read-only	None	As per MIB
agentLogSyslogMessagesRelayed	Yes	read-only	None	As per MIB
agentLogSyslogMessagesIgnored	No	read-only	None	deprecated
agentLogMessageReceivedTime	Yes	read-only	None	As per MIB
agentLogSyslogMessageDeliveredTime	Yes	read-only	None	As per MIB

**Table 208: agentLogEmailAlertConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailAdminStatus	Yes	read-write	None	As per MIB
agentLogEmailfromAddr	Yes	read-write	None	As per MIB
agentLogEmaillogDuration	Yes	read-write	None	As per MIB
agentLogEmailUrgentSeverity	Yes	read-write	None	As per MIB
agentLogEmailNonUrgentSeverity	Yes	read-write	None	As per MIB
agentLogEmailTrapsSeverity	Yes	read-write	None	As per MIB

**Table 209: agentLogEmailToAddrTable**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailToAddrEntryStatus	Yes	read-create	None	Not implemented

**Table 210: agentLogEmailSubjectTable**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailSubject	Yes	read-create	None	Not implemented
agentLogEmailSubjectEntryStatus	Yes	read-create	None	Not implemented

**Table 211: agentLogEmailMailServerTable**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailSmtpPort	Yes	read-write	None	As per MIB
agentLogEmailSecurity	Yes	read-write	None	As per MIB
agentLogEmailloginID	Yes	read-write	None	As per MIB
agentLogEmailPassword	Yes	read-write	None	As per MIB
agentLogEmailEntryStatus	Yes	read-create	None	As per MIB

**Table 212: agentLogEmailAlertStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailStatsemailsSentCount	Yes	read-only	None	As per MIB
agentLogEmailStatsemailsFailureCount	Yes	read-only	None	As per MIB
agentLogEmailStatsTimeSinceLastEmailSent	Yes	read-only	None	As per MIB
agentLogEmailStatsClear	Yes	read-write	None	As per MIB

**Table 213: agentLoginMemoryGroup**

MIB Objects	Supported	Access	Default	Comments
agentLoginMemoryLogCount	Yes	read-only	None	As per MIB

**Table 214: agentLoginMemoryTable**

MIB Objects	Supported	Access	Default	Comments
agentLoginMemoryMsgText	Yes	read-only	None	As per MIB

**Table 215: agentLogPersistentGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogPersistentLogCount	Yes	read-only	None	As per MIB

**Table 216: agentLogPersistentTable**

MIB Objects	Supported	Access	Default	Comments
agentLogMsgPersistentMsgText	Yes	read-only	None	As per MIB

**Table 217: agentLogEmailAlertTrapsGroup**

MIB Objects	Supported	Access	Default	Comments
agentLogEmailSendFailed	Yes	—	—	As per MIB

## 2.32 BROADCOM-POWER-ETHERNET-MIB

**Table 218: agentPethPsePortTable**

MIB Objects	Supported	Access	Default	Comments
agentPethPowerLimit	Yes	read-write	None	As per MIB
agentPethOutputPower	Yes	read-only	None	As per MIB
agentPethOutputCurrent	Yes	read-only	None	As per MIB
agentPethOutputVolts	Yes	read-only	None	As per MIB
agentPethTemperature	Yes	read-only	None	As per MIB
agentPethPowerLimitType	Yes	read-write	None	As per MIB
agentPethHighPowerEnable	Yes	read-write	None	As per MIB
agentPethPowerDetectionType	Yes	read-write	None	As per MIB
agentPethFaultStatus	Yes	read-only	None	As per MIB
agentPethPortReset	Yes	read-write	None	As per MIB
agentPethPowerLimitMin	Yes	read-only	None	As per MIB
agentPethPowerLimitMax	Yes	read-only	None	As per MIB

**Table 219: agentPethMainPseTable**

MIB Objects	Supported	Access	Default	Comments
agentPethMainPseLegacy	Yes	read-write	None	As per MIB

**Table 220: agentPethPseTable**

MIB Objects	Supported	Access	Default	Comments
agentPethPsePowerManagementMode	Yes	read-write	None	As per MIB
agentPethPseAutoResetEnable	Yes	read-write	None	As per MIB

## 2.33 POWER-ETHERNET-MIB

**Table 221: pethPsePortTable**

MIB Objects	Supported	Access	Default	Comments
pethPsePortAdminEnable	Yes	read-write	None	As per MIB
pethPsePortPowerPairsControlAbility	Yes	read-only	None	As per MIB
pethPsePortPowerPairs	Yes	read-write	None	As per MIB
pethPsePortDetectionStatus	Yes	read-only	None	As per MIB
pethPsePortPowerPriority	Yes	read-write	None	As per MIB
pethPsePortMPSAbsentCounter	Yes	read-only	None	As per MIB
pethPsePortType	Yes	read-write	None	As per MIB
pethPsePortPowerClassifications	Yes	read-only	None	As per MIB
pethPsePortInvalidSignatureCounter	Yes	read-only	None	As per MIB
pethPsePortPowerDeniedCounter	Yes	read-only	None	As per MIB
pethPsePortOverLoadCounter	Yes	read-only	None	As per MIB
pethPsePortShortCounter	Yes	read-only	None	As per MIB

**Table 222: pethMainPseTable**

MIB Objects	Supported	Access	Default	Comments
pethMainPsePower	Yes	read-only	None	As per MIB
pethMainPseOperStatus	Yes	read-only	None	As per MIB
pethMainPseConsumptionPower	Yes	read-only	None	As per MIB
pethMainPseUsageThreshold	Yes	read-write	None	As per MIB
pethMainPseFWImageVersion	Yes	read-only	None	As per MIB

**Table 223: pethNotificationControlTable**

MIB Objects	Supported	Access	Default	Comments
pethNotificationControlEnable	Yes	read-write	None	As per MIB

**Table 224: pethNotifications**

MIB Objects	Supported	Access	Comments
pethPsePortOnOffNotification	Yes	—	As per MIB
pethMainPowerUsageOnNotification	Yes	—	As per MIB
pethMainPowerUsageOffNotification	Yes	—	As per MIB

## 2.34 NOTIFICATION-LOG-MIB

**Table 225: nlmConfig**

MIB Objects	Supported	Access	Default	Comments
nlmConfigGlobalEntryLimit	No	read-write	0	Not implemented
nlmConfigGlobalAgeOut	No	read-write	1440	Not implemented

**Table 226: nlmStats**

MIB Objects	Supported	Access	Default	Comments
nlmStatsGlobalNotificationsLogged	No	read-only	None	Not implemented
nlmStatsGlobalNotificationsBumped	No	read-only	None	Not implemented

**Table 227: nlmConfigLogTable**

MIB Objects	Supported	Access	Default	Comments
nlmConfigLogFilterName	No	read-create	"H	Not implemented
nlmConfigLogEntryLimit	No	read-create	0	Not implemented
nlmConfigLogAdminStatus	No	read-create	1	Not implemented
nlmConfigLogOperStatus	No	read-only	None	Not implemented
nlmConfigLogStorageType	No	read-create	None	Not implemented
nlmConfigLogEntryStatus	No	read-create	None	Not implemented

**Table 228: nlmStatsLogTable**

MIB Objects	Supported	Access	Default	Comments
nlmStatsLogNotificationsLogged	No	read-only	None	Not implemented
nlmStatsLogNotificationsBumped	No	read-only	None	Not implemented

**Table 229: nlmLogTable**

MIB Objects	Supported	Access	Default	Comments
nlmLogTime	No	read-only	None	Not implemented
nlmLogDateAndTime	No	read-only	None	Not implemented
nlmLogEngineID	No	read-only	None	Not implemented
nlmLogEngineTAddress	No	read-only	None	Not implemented
nlmLogEngineTDomain	No	read-only	None	Not implemented
nlmLogContextEngineID	No	read-only	None	Not implemented
nlmLogContextName	No	read-only	None	Not implemented
nlmLogNotificationID	No	read-only	None	Not implemented

**Table 230: nlmLogVariableTable**

MIB Objects	Supported	Access	Default	Comments
nlmLogVariableID	No	read-only	None	Not implemented
nlmLogVariableValueType	No	read-only	None	Not implemented
nlmLogVariableCounter32Val	No	read-only	None	Not implemented
nlmLogVariableUnsigned32Val	No	read-only	None	Not implemented
nlmLogVariableTimeTicksVal	No	read-only	None	Not implemented
nlmLogVariableInteger32Val	No	read-only	None	Not implemented
nlmLogVariableOctetStringVal	No	read-only	None	Not implemented
nlmLogVariableIpAddressVal	No	read-only	None	Not implemented
nlmLogVariableOidVal	No	read-only	None	Not implemented
nlmLogVariableCounter64Val	No	read-only	None	Not implemented
nlmLogVariableOpaqueVal	No	read-only	None	Not implemented

## 2.35 FASTPATH-CAPABILITY-LICENSING-MIB

**Table 231: agentCapabilityLicensingStatistics**

MIB Objects	Supported	Access	Default	Comments
agentCapabilityLicensingRebootRequired	Yes	read-only	None	As per MIB
agentCapabilityLicensingTotalActiveLicenses	Yes	read-only	None	As per MIB
agentCapabilityLicensingTotalDownlinkPorts	Yes	read-only	None	As per MIB
agentCapabilityLicensingTotalUplinkPorts	Yes	read-only	None	As per MIB

**Table 232: agentCapabilityLicensingStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentCapabilityLicensingType	Yes	read-only	None	As per MIB
agentCapabilityLicensingStatus	Yes	read-only	None	As per MIB
agentCapabilityLicensingStatusDesc	Yes	read-only	None	As per MIB

**Table 233: agentCapabilityLicensingFileTable**

MIB Objects	Supported	Access	Default	Comments
agentCapabilityLicensingFileModel	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileVersion	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileSerialNum	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileKey	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileFeatures	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileDownlinkPorts	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileUplinkPorts	Yes	read-only	None	As per MIB
agentCapabilityLicensingFileState	Yes	read-write	None	As per MIB

**Table 234: agentCapabilityLicensingFeatureTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
agentCapabilityLicensingFeatureName	Yes	read-only	None	As per MIB
agentCapabilityLicensingFeatureLicenseIndex	Yes	read-only	None	As per MIB
agentCapabilityLicensingFeatureStatus	Yes	read-only	None	As per MIB

## Chapter 3: BGP MIBs

This section contains the SNMP MIB information for the EFOS BGP package.

### 3.1 BGP4-MIB (RFC 4273)

**Table 235: bgp**

MIB Objects	Supported	Access	Default	Comments
bgpVersion	Yes	read-only	None	As per MIB
bgpLocalAs	Yes	read-only	None	As per MIB
bgpIdentifier	Yes	read-only	None	As per MIB

**Table 236: bgpPeerTable**

MIB Objects	Supported	Access	Default	Comments
bgpPeerIdentifier	Yes	read-only	None	As per MIB
bgpPeerState	Yes	read-only	None	As per MIB
bgpPeerAdminStatus	Yes	read-write	None	Read-only
bgpPeerNegotiatedVersion	Yes	read-only	None	As per MIB
bgpPeerLocalAddr	Yes	read-only	None	As per MIB
bgpPeerLocalPort	Yes	read-only	None	As per MIB
bgpPeerRemotePort	Yes	read-only	None	As per MIB
bgpPeerRemoteAs	Yes	read-only	None	As per MIB
bgpPeerInUpdates	Yes	read-only	None	As per MIB
bgpPeerOutUpdates	Yes	read-only	None	As per MIB
bgpPeerInTotalMessages	Yes	read-only	None	As per MIB
bgpPeerOutTotalMessages	Yes	read-only	None	As per MIB
bgpPeerLastError	Yes	read-only	None	As per MIB
bgpPeerFsmEstablishedTransitions	Yes	read-only	None	As per MIB
bgpPeerFsmEstablishedTime	Yes	read-only	None	As per MIB
bgpPeerConnectRetryInterval	Yes	read-write	None	Read-only
bgpPeerHoldTime	Yes	read-only	None	As per MIB
bgpPeerKeepAlive	Yes	read-only	None	As per MIB
bgpPeerHoldTimeConfigured	Yes	read-write	None	Read-only
bgpPeerKeepAliveConfigured	Yes	read-write	None	Read-only
bgpPeerMinASOriginationInterval	No	read-write	None	Not implemented
bgpPeerMinRouteAdvertisementInterval	Yes	read-write	None	As per MIB
bgpPeerInUpdateElapsedTime	Yes	read-only	None	As per MIB

**Table 237: bgpPathAttrTable**

MIB Objects	Supported	Access	Default	Comments
bgpPathAttrOrigin	No	read-only	None	obsolete

**Table 237: bgpPathAttrTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
bgpPathAttrASPath	No	read-only	None	obsolete
bgpPathAttrNextHop	No	read-only	None	obsolete
bgpPathAttrInterASMetric	No	read-only	None	obsolete

**Table 238: bgp4PathAttrTable**

MIB Objects	Supported	Access	Default	Comments
bgp4PathAttrOrigin	Yes	read-only	None	As per MIB
bgp4PathAttrASPathSegment	Yes	read-only	None	As per MIB
bgp4PathAttrNextHop	Yes	read-only	None	As per MIB
bgp4PathAttrMultiExitDisc	Yes	read-only	None	As per MIB
bgp4PathAttrLocalPref	Yes	read-only	None	As per MIB
bgp4PathAttrAtomicAggregate	Yes	read-only	None	As per MIB
bgp4PathAttrAggregatorAS	Yes	read-only	None	As per MIB
bgp4PathAttrAggregatorAddr	Yes	read-only	None	As per MIB
bgp4PathAttrCalcLocalPref	Yes	read-only	None	As per MIB
bgp4PathAttrBest	Yes	read-only	None	As per MIB
bgp4PathAttrUnknown	Yes	read-only	None	As per MIB

**Table 239: bgpTraps**

MIB Objects	Supported	Access	Default	Comments
bgpEstablished	Yes	—	As per MIB	—
bgpBackwardTransition	Yes	—	As per MIB	—

## 3.2 FASTPATH-BGP-MIB

**Table 240: agentBGPQueueTable**

MIB Objects	Supported	Access	Default	Comments
agentBGPQueueName	Yes	read-only	None	As per MIB
agentBGPQueueLength	Yes	read-only	None	As per MIB
agentBGPQueueHigh	Yes	read-only	None	As per MIB
agentBGPQueueDrops	Yes	read-only	None	As per MIB
agentBGPQueueLimit	Yes	read-only	None	As per MIB

**Table 241: agentBGPMessageStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentBGPCountersCleared	Yes	read-only	None	As per MIB
agentBGPInOpens	Yes	read-only	None	As per MIB
agentBGPOutOpens	Yes	read-only	None	As per MIB
agentBGPInUpdates	Yes	read-only	None	As per MIB
agentBGPOutUpdates	Yes	read-only	None	As per MIB
agentBGPInNotifications	Yes	read-only	None	As per MIB
agentBGPOutNotifications	Yes	read-only	None	As per MIB
agentBGPInKeepalives	Yes	read-only	None	As per MIB
agentBGPOutKeepalives	Yes	read-only	None	As per MIB
agentBGPInRouteRefreshes	Yes	read-only	None	As per MIB
agentBGPOutRouteRefreshes	Yes	read-only	None	As per MIB
agentBGPInUpdatesMax	Yes	read-only	None	As per MIB
agentBGPOutUpdatesMax	Yes	read-only	None	As per MIB

**Table 242: agentBGPDecProcTable**

MIB Objects	Supported	Access	Default	Comments
agentBGPDecProcDeltaT	Yes	read-only	None	As per MIB
agentBGPDecProcPhase	Yes	read-only	None	As per MIB
agentBGPDecProcUpdateGroup	Yes	read-only	None	As per MIB
agentBGPDecProcGenId	Yes	read-only	None	As per MIB
agentBGPDecProcReason	Yes	read-only	None	As per MIB
agentBGPDecProcPeer	Yes	read-only	None	As per MIB
agentBGPDecProcDuration	Yes	read-only	None	As per MIB
agentBGPDecProcAdds	Yes	read-only	None	As per MIB
agentBGPDecProcMods	Yes	read-only	None	As per MIB
agentBGPDecProcDels	Yes	read-only	None	As per MIB

**Table 243: agentBGPDecProcIPv6Table**

MIB Objects	Supported	Access	Default	Comments
agentBGPDecProcDeltaTIPv6	Yes	read-only	None	As per MIB

**Table 243: agentBGPDecProcIPv6Table (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentBGPDecProcPhaseIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcUpdateGroupIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcGenIdIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcReasonIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcPeerIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcDurationIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcAddsIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcModslIPv6	Yes	read-only	None	As per MIB
agentBGPDecProcDelsIPv6	Yes	read-only	None	As per MIB

**Table 244: agentBGPPeerTable**

MIB Objects	Supported	Access	Default	Comments
agentBGPPeerInOpens	Yes	read-only	None	As per MIB
agentBGPPeerOutOpens	Yes	read-only	None	As per MIB
agentBGPPeerInUpdates	Yes	read-only	None	As per MIB
agentBGPPeerOutUpdates	Yes	read-only	None	As per MIB
agentBGPPeerInNotifications	Yes	read-only	None	As per MIB
agentBGPPeerOutNotifications	Yes	read-only	None	As per MIB
agentBGPPeerInKeepalives	Yes	read-only	None	As per MIB
agentBGPPeerOutKeepalives	Yes	read-only	None	As per MIB
agentBGPPeerInRouteRefreshes	Yes	read-only	None	As per MIB
agentBGPPeerOutRouteRefreshes	Yes	read-only	None	As per MIB
agentBGPPeerInTotalMessages	Yes	read-only	None	As per MIB
agentBGPPeerOutTotalMessages	Yes	read-only	None	As per MIB
agentBGPPeerUpdateQueueLen	Yes	read-only	None	As per MIB
agentBGPPeerUpdateQueueHigh	Yes	read-only	None	As per MIB
agentBGPPeerUpdateQueueLimit	Yes	read-only	None	As per MIB
agentBGPPeerUpdateQueueDrops	Yes	read-only	None	As per MIB
agentBGPPeerInPfxAdv	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxAdv	Yes	read-only	None	As per MIB
agentBGPPeerInPfxWithdrawn	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxWithdrawn	Yes	read-only	None	As per MIB
agentBGPPeerInPfxCurrent	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxCurrent	Yes	read-only	None	As per MIB
agentBGPPeerInPfxAccepted	Yes	read-only	None	As per MIB
agentBGPPeerInPfxRejected	Yes	read-only	None	As per MIB
agentBGPPeerInMaxNlriPerUpdate	Yes	read-only	None	As per MIB
agentBGPPeerOutMaxNlriPerUpdate	Yes	read-only	None	As per MIB
agentBGPPeerInMinNlriPerUpdate	Yes	read-only	None	As per MIB
agentBGPPeerOutMinNlriPerUpdate	Yes	read-only	None	As per MIB
agentBGPPeerInPfxAdvIPv6	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxAdvIPv6	Yes	read-only	None	As per MIB

**Table 244: agentBGPPeerTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentBGPPeerInPfxWithdrawnIPv6	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxWithdrawnIPv6	Yes	read-only	None	As per MIB
agentBGPPeerInPfxCurrentIPv6	Yes	read-only	None	As per MIB
agentBGPPeerOutPfxCurrentIPv6	Yes	read-only	None	As per MIB
agentBGPPeerInPfxAcceptedIPv6	Yes	read-only	None	As per MIB
agentBGPPeerInPfxRejectedIPv6	Yes	read-only	None	As per MIB
agentBGPPeerInMaxNlriPerUpdateIPv6	Yes	read-only	None	As per MIB
agentBGPPeerOutMaxNlriPerUpdateIPv6	Yes	read-only	None	As per MIB
agentBGPPeerInMinNlriPerUpdateIPv6	Yes	read-only	None	As per MIB
agentBGPPeerOutMinNlriPerUpdateIPv6	Yes	read-only	None	As per MIB

**Table 245: agentBGPSnmpTrapFlagsConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentBGPSnmpAllTrapFlag	Yes	read-write	None	As per MIB

## Chapter 4: Data Center MIBs

This section contains the SNMP MIB information for the EFOS Data Center package.

### 4.1 FASTPATH-DCBX-MIB

**Table 246: agentDcbxTable**

MIB Objects	Supported	Access	Default	Comments
agentDcbxAutoCfgPortRole	Yes	read-write	1	As per MIB
agentDcbxVersion	Yes	read-write	1	As per MIB
agentDcbxSupportedTLVs	Yes	read-only	None	As per MIB
agentDcbxConfigTLVsTxEnable	Yes	read-write	None	As per MIB

**Table 247: agentDcbxStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentDcbxOperVersion	Yes	read-only	1	As per MIB
agentDcbxPeerMACAddress	Yes	read-only	None	As per MIB
agentDcbxCfgSource	Yes	read-only	None	As per MIB
agentDcbxMultiplePeerCount	Yes	read-only	None	As per MIB
agentDcbxPeerRemovedCount	Yes	read-only	None	As per MIB
agentDcbxPeerOperVersionNum	Yes	read-only	None	As per MIB
agentDcbxPeerMaxVersion	Yes	read-only	None	As per MIB
agentDcbxSeqNum	Yes	read-only	None	As per MIB
agentDcbxAckNum	Yes	read-only	None	As per MIB
agentDcbxPeerRcvdAckNum	Yes	read-only	None	As per MIB
agentDcbxTxCount	Yes	read-only	None	As per MIB
agentDcbxRxCount	Yes	read-only	None	As per MIB
agentDcbxErrorFramesCount	Yes	read-only	None	As per MIB
agentDcbxUnknownTLVsCount	Yes	read-only	None	As per MIB

## 4.2 FASTPATH-PFC-MIB

**Table 248: agentPfcTable**

MIB Objects	Supported	Access	Default	Comments
agentPfcIntfAdminMode	Yes	read-write	2	As per MIB
agentPfcIntfPfcStatus	Yes	read-only	2	As per MIB
agentPfcTotalIntfPfcFramesRx	Yes	read-only	None	As per MIB
agentPfcTotalIntfPfcFramesTx	Yes	read-only	None	As per MIB
agentPfcIntfLinkDelayAllowance	Yes	read-only	None	As per MIB
agentPfcIntfAdvWilling	Yes	read-only	None	As per MIB
agentPfcIntfPeerDetected	Yes	read-only	None	As per MIB
agentPfcIntfPeerMacAddr	Yes	read-only	None	As per MIB
agentPfcIntfPeerWilling	Yes	read-only	None	As per MIB
agentPfcIntfPeerMBCStatus	Yes	read-only	None	As per MIB
agentPfcIntfPeerCapability	Yes	read-only	None	As per MIB
agentPfcIntfPeerCfgCompatible	Yes	read-only	None	As per MIB
agentPfcIntfPeerCompatibleCfgCount	Yes	read-only	None	As per MIB
agentPfcIntfPeerIncompatibleCfgCount	Yes	read-only	None	As per MIB

**Table 249: agentPfcActionTable**

MIB Objects	Supported	Access	Default	Comments
agentPfcIntfAdminMode	Yes	read-write	1	As per MIB
agentPfcIntfPfcStatus	Yes	read-only	1	As per MIB
agentPfcTotalIntfPfcFramesRx	Yes	read-only	1	As per MIB
agentPfcTotalIntfPfcFramesTx	Yes	read-only	1	As per MIB

**Table 250: agentPfcIntfStatsPerPriorityTable**

MIB Objects	Supported	Access	Default	Comments
agentPfcIntfPfcPriorityFramesRx	Yes	read-only	None	As per MIB
agentPfcIntfPfcPriorityFramesTx	Yes	read-only	None	As per MIB

## 4.3 IEEE8021-PFC-MIB (IEEE 802.1)

Table 251: ieee8021PfcIfTable

MIB Objects	Supported	Access	Default	Comments
ieee8021PfcLinkDelayAllowance	No	read-write	None	Not implemented
ieee8021PfcRequests	No	read-only	None	Not implemented
ieee8021PfcIndications	No	read-only	None	Not implemented

## 4.4 FASTPATH-OPENFLOW-PRIVATE-MIB

Table 252: agentOpenFlowGlobalConfigGroup

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowAdminMode	Yes	read-write	2	As per MIB
agentOpenFlowVariant	Yes	read-write	3	As per MIB
agentOpenFlowDefaultTable	No	read-write	1	deprecated
agentOpenFlowStaticIPAssignmentMode	No	read-write	2	obsolete
agentOpenFlowGlobalConfigIPAddress	Yes	read-write	None	As per MIB
agentOpenFlowNetworkMTU	Yes	read-write	1518	obsolete
agentOpenFlowIPAssignmentMode	Yes	read-write	None	As per MIB

Table 253: agentOpenFlowCfgControllerTable

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowCfgCtrlConnectionMode	Yes	read-create	1	As per MIB
agentOpenFlowCfgCtrlStatus	Yes	read-create	None	As per MIB
agentOpenFlowCfgCtrlRole	Yes	read-only	None	As per MIB

Table 254: agentOpenFlowCfgControllerTable

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowCfgCtrlConnectionMode	Yes	read-create	1	As per MIB
agentOpenFlowCfgCtrlStatus	Yes	read-create	None	As per MIB

Table 255: agentOpenFlowCAPWAPTunnelCfgTable

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowDestIPv4Address	Yes	read-create	None	As per MIB
agentOpenFlowCAPWAPTunnelStatus	Yes	read-create	None	As per MIB

Table 256: agentOpenFlowGlobalStatusParameters

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowOperationalStatus	Yes	read-only	2	As per MIB
agentOpenFlowDisableReason	Yes	read-only	2	As per MIB

**Table 257: agentOpenFlowGlobalCommands**

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowEraseOpenFlowManagerCertificates	Yes	read-write	1	As per MIB

**Table 258: agentOpenFlowFlowTableStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowFlowTableName	Yes	read-only	None	As per MIB
agentOpenFlowFlowTableDescription	Yes	read-only	None	As per MIB
agentOpenFlowMaximumSize	Yes	read-only	None	As per MIB
agentOpenFlowNumberOfEntries	Yes	read-only	None	As per MIB
agentOpenFlowHardwareEntries	Yes	read-only	None	As per MIB
agentOpenFlowSoftwareOnlyEntries	Yes	read-only	None	As per MIB
agentOpenFlowWaitingForSpaceEntries	Yes	read-only	None	As per MIB
agentOpenFlowFlowInsertionCount	Yes	read-only	None	As per MIB
agentOpenFlowFlowDeletionCount	Yes	read-only	None	As per MIB
agentOpenFlowInsertionFailureCount	Yes	read-only	None	As per MIB

**Table 259: agentOpenFlowInstalledGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowGrpIndirectMaxEntries	Yes	read-only	None	As per MIB
agentOpenFlowGrpIndirectCurrentEntries	Yes	read-only	None	As per MIB
agentOpenFlowGrpAllMaxEntries	Yes	read-only	None	As per MIB
agentOpenFlowGrpAllCurrentEntries	Yes	read-only	None	As per MIB
agentOpenFlowGrpSelectMaxEntries	Yes	read-only	None	As per MIB
agentOpenFlowGrpSelectCurrentEntries	Yes	read-only	None	As per MIB

**Table 260: agentOpenFlowGroupDetailsTable**

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowGroupType	Yes	read-only	None	As per MIB
agentOpenFlowGroupRefCount	Yes	read-only	None	As per MIB
agentOpenFlowGroupDuration	Yes	read-only	None	As per MIB
agentOpenFlowGroupBucketCount	Yes	read-only	None	As per MIB

**Table 261: OpenFlowStaticIP**

MIB Objects	Supported	Access	Default	Comments
agentOpenFlowGroupBucketOutputPort	Yes	read-only	None	As per MIB
agentOpenFlowGroupBucketVlanId	Yes	read-only	None	As per MIB
agentOpenFlowGroupBucketRefGroupld	Yes	read-only	None	As per MIB
agentOpenFlowGroupBucketSrcMac	Yes	read-only	None	As per MIB
agentOpenFlowGroupBucketDstMac	Yes	read-only	None	As per MIB

## 4.5 FASTPATH-MPLS-MIB

**Table 262: agentMplsBgpLabelDistributionGroup**

MIB Objects	Supported	Access	Default	Comments
agentMplsBgpDistributionMode	Yes	read-write	None	As per MIB

**Table 263: agentMplsGlobalStatusGroup**

MIB Objects	Supported	Access	Default	Comments
agentMplsMac	Yes	read-only	None	As per MIB
agentMplsLfdbSize	Yes	read-only	None	As per MIB
agentMplsLabelRangeMin	Yes	read-only	None	As per MIB
agentMplsLabelRangeMax	Yes	read-only	None	As per MIB
agentMplsLfdbEntries	Yes	read-only	None	As per MIB
agentMplsLfdbEntriesInHw	Yes	read-only	None	As per MIB
agentMplsLfdbEntriesNotInHw	Yes	read-only	None	As per MIB
agentMplsLfdbStaticEntries	Yes	read-only	None	As per MIB
agentMplsLfdbDynamicEntries	Yes	read-only	None	As per MIB
agentMplsLfdbBgpEntries	Yes	read-only	None	As per MIB
agentMplsLfdbL2Entries	Yes	read-only	None	As per MIB
agentMplsLfdbIpv4Entries	Yes	read-only	None	As per MIB
agentMplsLfdbIpv6Entries	Yes	read-only	None	As per MIB

**Table 264: agentMplsGlobalStatisticsGroup**

MIB Objects	Supported	Access	Default	Comments
agentMplsLfdbDynamicFailureInsertedEntries	Yes	read-only	None	As per MIB
agentMplsLfdbLookupFailurePackets	Yes	read-only	None	As per MIB
agentMplsLfdbHwm	Yes	read-only	None	As per MIB
agentMplsLfdbEcmpInUse	Yes	read-only	None	As per MIB
agentMplsLfdbEcmpHigh	Yes	read-only	None	As per MIB
agentMplsLfdbEcmpMax	Yes	read-only	None	As per MIB
agentMplsLfdbStatsReset	Yes	read-write	None	As per MIB

**Table 265: agentMplsLfdbTable**

MIB Objects	Supported	Access	Default	Comments
agentMplsLfdbProtocol	Yes	read-write	None	As per MIB
agentMplsLfdbType	Yes	read-write	None	As per MIB
agentMplsLfdbIpAddress	Yes	read-write	None	As per MIB
agentMplsLfdbIpPrefixLen	Yes	read-write	None	As per MIB
agentMplsLfdbAction	Yes	read-write	None	As per MIB
agentMplsLfdbEgressLabel	Yes	read-write	None	As per MIB
agentMplsLfdbEgressMac	Yes	read-write	None	As per MIB
agentMplsLfdbEgressVlan	Yes	read-write	None	As per MIB

**Table 265: agentMplsLfdbTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentMplsLfdbEgressInterface	Yes	read-write	None	As per MIB
agentMplsLfdbEntryStatus	Yes	read-only	None	As per MIB
agentMplsLfdbInBytes	Yes	read-only	None	As per MIB
agentMplsLfdbInPackets	Yes	read-only	None	As per MIB
agentMplsLfdbDuplicateInsertion	Yes	read-only	None	As per MIB
agentMplsLfdbRowStatus	Yes	read-create	None	As per MIB

**Table 266: agentMplsBgpInterfaceDistributionTable**

MIB Objects	Supported	Access	Default	Comments
agentMplsBgpInterfaceLabel	Yes	read-write	None	As per MIB

## 4.6 IEEE8021-CN-MIB (IEEE 802.1)

**Table 267: ieee8021CnGlobalTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnGlobalMasterEnable	Yes	read-write	None	Read-only
ieee8021CnGlobalCnmTransmitPriority	Yes	read-write	None	Read-only
ieee8021CnGlobalDiscardedFrames	Yes	read-only	None	As per MIB

**Table 268: ieee8021CnCompntPriTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnComPriDefModeChoice	Yes	read-create	0x20	Read-only
ieee8021CnComPriAlternatePriority	Yes	read-create	0	Read-only
ieee8021CnComPriAutoAltPri	Yes	read-only	None	As per MIB
ieee8021CnComPriAdminDefenseMode	Yes	read-create	cptInterior	Read-only
ieee8021CnComPriCreation	Yes	read-create	1	Read-only
ieee8021CnComPriLldpInstanceChoice	Yes	read-create	0x20	Read-only
ieee8021CnComPriLldpInstanceSelector	Yes	read-create	1	Read-only
ieee8021CnComPriRowStatus	Yes	read-create	None	Read-only

**Table 269: ieee8021CnPortPriTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnPortPriDefModeChoice	Yes	read-write	cpcComp	Read-only
ieee8021CnPortPriAdminDefenseMode	Yes	read-write	cptDisabled	Read-only
ieee8021CnPortPriAutoDefenseMode	Yes	read-only	None	As per MIB
ieee8021CnPortPriLldpInstanceChoice	Yes	read-write	cnlComponent	Read-only
ieee8021CnPortPriLldpInstanceSelector	Yes	read-write	3	Read-only
ieee8021CnPortPriAlternatePriority	Yes	read-write	0	Read-only

**Table 270: ieee8021CnCpTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnCpPriority	Yes	read-only	None	As per MIB
ieee8021CnCpMacAddress	Yes	read-only	None	As per MIB
ieee8021CnCpIdentifier	Yes	read-only	None	As per MIB
ieee8021CnCpQueueSizeSetPoint	Yes	read-write	26000	Read-only
ieee8021CnCpFeedbackWeight	Yes	read-write	1	Read-only
ieee8021CnCpMinSampleBase	Yes	read-write	150000	Read-only
ieee8021CnCpDiscardedFrames	Yes	read-only	None	As per MIB
ieee8021CnCpTransmittedFrames	Yes	read-only	None	As per MIB
ieee8021CnCpTransmittedCnms	Yes	read-only	None	As per MIB
ieee8021CnCpMinHeaderOctets	Yes	read-write	0	Read-only

**Table 271: ieee8021CnCpidToInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnCpidToIfComponentId	No	read-only	None	Not implemented
ieee8021CnCpidToIfIfIndex	No	read-only	None	Not implemented
ieee8021CnCpidToIfCpIndex	No	read-only	None	Not implemented

**Table 272: ieee8021CnRpPortPriTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnRpPortPriMaxRps	No	read-write	1	Not implemented
ieee8021CnRpPortPriCreatedRps	No	read-only	None	Not implemented
ieee8021CnRpPortPriCentiseconds	No	read-only	None	Not implemented

**Table 273: ieee8021CnRpGroupTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021CnRpgEnable	No	read-write	true	Not implemented
ieee8021CnRpgTimeReset	No	read-write	15	Not implemented
ieee8021CnRpgByteReset	No	read-write	150000	Not implemented
ieee8021CnRpgThreshold	No	read-write	5	Not implemented
ieee8021CnRpgMaxRate	No	read-write	None	Not implemented
ieee8021CnRpgAiRate	No	read-write	5	Not implemented
ieee8021CnRpgHaiRate	No	read-write	50	Not implemented
ieee8021CnRpgGd	No	read-write	7	Not implemented
ieee8021CnRpgMinDecFac	No	read-write	50	Not implemented
ieee8021CnRpgMinRate	No	read-write	5	Not implemented

## Chapter 5: IPv6 MIBs

This section contains the SNMP MIB information for the EFOS IPv6 package.

### 5.1 IPV6-ICMP-MIB (RFC 2466)

Table 274: ipv6IcmpTable

MIB Objects	Supported	Access	Default	Comments
ipv6IcmpInMsgs	Yes	read-only	None	As per MIB
ipv6IcmpInErrors	Yes	read-only	None	As per MIB
ipv6IcmpInDestUnreachs	Yes	read-only	None	As per MIB
ipv6IcmpInAdminProhibs	Yes	read-only	None	As per MIB
ipv6IcmpInTimeExcds	Yes	read-only	None	As per MIB
ipv6IcmpInParmProblems	Yes	read-only	None	As per MIB
ipv6IcmpInPktTooBigs	Yes	read-only	None	As per MIB
ipv6IcmpInEchos	Yes	read-only	None	As per MIB
ipv6IcmpInEchoReplies	Yes	read-only	None	As per MIB
ipv6IcmpInRouterSolicits	Yes	read-only	None	As per MIB
ipv6IcmpInRouterAdvertisements	Yes	read-only	None	As per MIB
ipv6IcmpInNeighborSolicits	Yes	read-only	None	As per MIB
ipv6IcmpInNeighborAdvertisements	Yes	read-only	None	As per MIB
ipv6IcmpInRedirects	Yes	read-only	None	As per MIB
ipv6IcmpInGroupMembQueries	Yes	read-only	None	As per MIB
ipv6IcmpInGroupMembResponses	Yes	read-only	None	As per MIB
ipv6IcmpInGroupMembReductions	Yes	read-only	None	As per MIB
ipv6IcmpOutMsgs	Yes	read-only	None	As per MIB
ipv6IcmpOutErrors	Yes	read-only	None	As per MIB
ipv6IcmpOutDestUnreachs	Yes	read-only	None	As per MIB
ipv6IcmpOutAdminProhibs	Yes	read-only	None	As per MIB
ipv6IcmpOutTimeExcds	Yes	read-only	None	As per MIB
ipv6IcmpOutParmProblems	Yes	read-only	None	As per MIB
ipv6IcmpOutPktTooBigs	Yes	read-only	None	As per MIB
ipv6IcmpOutEchos	Yes	read-only	None	As per MIB
ipv6IcmpOutEchoReplies	Yes	read-only	None	As per MIB
ipv6IcmpOutRouterSolicits	Yes	read-only	None	As per MIB
ipv6IcmpOutRouterAdvertisements	Yes	read-only	None	As per MIB
ipv6IcmpOutNeighborSolicits	Yes	read-only	None	As per MIB
ipv6IcmpOutNeighborAdvertisements	Yes	read-only	None	As per MIB
ipv6IcmpOutRedirects	Yes	read-only	None	As per MIB
ipv6IcmpOutGroupMembQueries	Yes	read-only	None	As per MIB
ipv6IcmpOutGroupMembResponses	Yes	read-only	None	As per MIB
ipv6IcmpOutGroupMembReductions	Yes	read-only	None	As per MIB

## 5.2 IPV6-MIB (RFC 2465)

**Table 275: ipv6MIBObjects**

MIB Objects	Supported	Access	Default	Comments
ipv6Forwarding	Yes	read-write	None	As per MIB
ipv6DefaultHopLimit	Yes	read-write	64	As per MIB
ipv6Interfaces	Yes	read-only	None	As per MIB
ipv6IfTableLastChange	Yes	read-only	None	As per MIB
ipv6RouteNumber	Yes	read-only	None	As per MIB
ipv6DiscardedRoutes	Yes	read-only	None	As per MIB

**Table 276: ipv6IfTable**

MIB Objects	Supported	Access	Default	Comments
ipv6IfDescr	Yes	read-write	None	Read-only
ipv6IfLowerLayer	Yes	read-only	None	As per MIB
ipv6IfEffectiveMtu	Yes	read-only	None	As per MIB
ipv6IfReasmMaxSize	Yes	read-only	None	As per MIB
ipv6IfIdentifier	Yes	read-write	None	Read-only
ipv6IfIdentifierLength	Yes	read-write	None	Read-only
ipv6IfPhysicalAddress	Yes	read-only	None	As per MIB
ipv6IfAdminStatus	Yes	read-write	None	Read-only
ipv6IfOperStatus	Yes	read-only	None	As per MIB
ipv6IfLastChange	Yes	read-only	None	As per MIB

**Table 277: ipv6IfStatsTable**

MIB Objects	Supported	Access	Default	Comments
ipv6IfStatsInReceives	Yes	read-only	None	As per MIB
ipv6IfStatsInHdrErrors	Yes	read-only	None	As per MIB
ipv6IfStatsInTooBigErrors	Yes	read-only	None	As per MIB
ipv6IfStatsInNoRoutes	Yes	read-only	None	As per MIB
ipv6IfStatsInAddrErrors	Yes	read-only	None	As per MIB
ipv6IfStatsInUnknownProtos	Yes	read-only	None	As per MIB
ipv6IfStatsInTruncatedPkts	Yes	read-only	None	As per MIB
ipv6IfStatsInDiscards	Yes	read-only	None	As per MIB
ipv6IfStatsInDelivers	Yes	read-only	None	As per MIB
ipv6IfStatsOutForwDatagrams	Yes	read-only	None	As per MIB
ipv6IfStatsOutRequests	Yes	read-only	None	As per MIB
ipv6IfStatsOutDiscards	Yes	read-only	None	As per MIB
ipv6IfStatsOutFragOKs	Yes	read-only	None	As per MIB
ipv6IfStatsOutFragFails	Yes	read-only	None	As per MIB
ipv6IfStatsOutFragCreates	Yes	read-only	None	As per MIB
ipv6IfStatsReasmReqds	Yes	read-only	None	As per MIB
ipv6IfStatsReasmOKs	Yes	read-only	None	As per MIB

**Table 277: ipv6IfStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ipv6IfStatsReasmFails	Yes	read-only	None	As per MIB
ipv6IfStatsInMcastPkts	Yes	read-only	None	As per MIB
ipv6IfStatsOutMcastPkts	Yes	read-only	None	As per MIB

**Table 278: ipv6AddrPrefixTable**

MIB Objects	Supported	Access	Default	Comments
ipv6AddrPrefixOnLinkFlag	Yes	read-only	None	As per MIB
ipv6AddrPrefixAutonomousFlag	Yes	read-only	None	As per MIB
ipv6AddrPrefixAdvPreferredLifetime	Yes	read-only	None	As per MIB
ipv6AddrPrefixAdvValidLifetime	Yes	read-only	None	As per MIB

**Table 279: ipv6AddrTable**

MIB Objects	Supported	Access	Default	Comments
ipv6AddrPfxLength	Yes	read-only	None	As per MIB
ipv6AddrType	Yes	read-only	None	As per MIB
ipv6AddrAnycastFlag	Yes	read-only	None	As per MIB
ipv6AddrStatus	Yes	read-only	None	As per MIB

**Table 280: ipv6RouteTable**

MIB Objects	Supported	Access	Default	Comments
ipv6RouteIfIndex	Yes	read-only	None	As per MIB
ipv6RouteNextHop	Yes	read-only	None	As per MIB
ipv6RouteType	Yes	read-only	None	As per MIB
ipv6RouteProtocol	Yes	read-only	None	As per MIB
ipv6RoutePolicy	Yes	read-only	None	As per MIB
ipv6RouteAge	Yes	read-only	None	As per MIB
ipv6RouteNextHopRDI	Yes	read-only	None	As per MIB
ipv6RouteMetric	Yes	read-only	None	As per MIB
ipv6RouteWeight	Yes	read-only	None	As per MIB
ipv6RouteInfo	Yes	read-only	None	As per MIB
ipv6RouteValid	Yes	read-write	true	Read-only

**Table 281: ipv6NetToMediaTable**

MIB Objects	Supported	Access	Default	Comments
ipv6NetToMediaPhysAddress	Yes	read-only	None	As per MIB
ipv6NetToMediaType	Yes	read-only	None	As per MIB
ipv6IfNetToMediaState	Yes	read-only	None	As per MIB
ipv6IfNetToMediaLastUpdated	Yes	read-only	None	As per MIB
ipv6NetToMediaValid	Yes	read-write	true	As per MIB

**Table 282: ipv6NotificationPrefix**

MIB Objects	Supported	Access	Default	Comments
ipv6IfStateChange	Yes	read-only	None	As per MIB

## 5.3 FASTPATH-IPV6-LOOPBACK-MIB

**Table 283: agentLoopbackIpv6PrefixTable**

MIB Objects	Supported	Access	Default	Comments
agentLoopbackIpv6PrefixStatus	Yes	read-create	None	As per MIB

## 5.4 FASTPATH-IPV6-TUNNEL-MIB

**Table 284: agentTunnelIPv6Table**

MIB Objects	Supported	Access	Default	Comments
agentTunnelIfIndex	Yes	read-only	None	As per MIB
agentTunnelMode	Yes	read-create	1	As per MIB
agentTunnelLocalIP4Addr	Yes	read-write	None	As per MIB
agentTunnelRemoteIP4Addr	Yes	read-write	None	As per MIB
agentTunnelLocalIfIndex	Yes	read-write	None	As per MIB
agentTunnelStatus	Yes	read-create	None	As per MIB
agentTunnelCmpUnreachableMode	Yes	read-create	None	As per MIB

**Table 285: agentTunnelIPv6PrefixTable**

MIB Objects	Supported	Access	Default	Comments
agentTunnelIPv6PrefixStatus	Yes	read-create	None	As per MIB

## 5.5 FASTPATH-DHCP6SERVER-PRIVATE-MIB

**Table 286: agentDhcp6ServerGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerAdminMode	Yes	read-write	None	As per MIB
agentDhcp6ServerRelayOptParm	No	read-write	None	obsolete
agentDhcp6ServerRelayOptRemotIdSuboptParm	No	read-write	None	obsolete
agentDhcp6ServerDuid	Yes	read-only	None	As per MIB
agentDhcp6ServerMalformedMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerDiscardedMessages	Yes	read-only	None	As per MIB
agentDhcp6ServerSOLICITMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerREQUESTMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerCONFIRMMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerRENEWMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerREBINDMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerRELEASEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerDECLINEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerINFORMREQMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerRELAYREPLYMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerRELAYFORWMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerADVERTISEMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerREPLYMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerRECONFIGUREMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerRELAYREPLYMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerRELAYFORWMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerClearStatistics	Yes	read-write	2	As per MIB
agentDhcp6ServerTOTALMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6ServerTOTALMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6ServerConflictLoggingMode	Yes	read-write	None	As per MIB

**Table 287: agentDhcp6ServerPoolConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerPoolNameCreate	Yes	read-write	None	As per MIB

**Table 288: agentDhcp6ServerPoolConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerPoolName	Yes	read-only	None	As per MIB
agentDhcp6ServerPoolType	Yes	read-only	None	As per MIB
agentDhcp6ServerPoolDnsDomainCreate	Yes	read-write	None	As per MIB
agentDhcp6ServerPoolDnsServerCreate	Yes	read-write	None	As per MIB
agentDhcp6ServerPoolRowStatus	Yes	read-write	None	As per MIB

**Table 289: agentDhcp6ServerPoolDnsServerTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerPoolDnsServerAddress	Yes	read-only	None	As per MIB
agentDhcp6ServerPoolDnsServerRowStatus	Yes	read-write	None	As per MIB

**Table 290: agentDhcp6ServerPoolAllocationTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerPoolAllocationClientIdentifier	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationPrefix	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationPrefixLength	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationClientName	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationIaid	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationValidLifetime	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationPreferLifetime	Yes	read-create	None	As per MIB
agentDhcp6ServerPoolAllocationRowStatus	Yes	read-create	None	As per MIB

**Table 291: agentDhcp6InterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6InterfaceMode	Yes	read-create	None	As per MIB
agentDhcp6InterfaceServerPoolName	Yes	read-create	None	As per MIB
agentDhcp6InterfaceServerPreference	Yes	read-create	None	As per MIB
agentDhcp6InterfaceRelayAddress	No	read-create	None	deprecated
agentDhcp6InterfaceRelayInterface	No	read-create	None	deprecated
agentDhcp6InterfaceRemoteIdentifier	Yes	read-create	None	As per MIB
agentDhcp6InterfaceOptionFlags	Yes	read-create	None	As per MIB

**Table 292: agentDhcp6InterfaceStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6InterfaceMalformedMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceDiscardedMessages	Yes	read-only	None	As per MIB
agentDhcp6InterfaceSOLICITMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREQUESTMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceCONFIRMMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRENEWMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREBINDMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELEASEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceDECLINEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceINFORMREQMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELAYREPLYMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELAYFORWMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceADVERTISEMessagesSent	Yes	read-only	None	As per MIB

**Table 292: agentDhcp6InterfaceStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6InterfaceREPLYMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRECONFIGUREMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELAYREPLYMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELAYFORWMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceClearStatistics	Yes	read-create	2	Read-only

**Table 293: agentDhcp6RelayTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6RelayRowStatus	Yes	read-create	None	As per MIB

**Table 294: agentDhcp6InterfaceClientStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6InterfaceADVERTISEMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREPLYMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceADVERTISEMessagesDiscarded	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREPLYMessagesDiscarded	Yes	read-only	None	As per MIB
agentDhcp6InterfaceMALFORMEDMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceTOTALMessagesReceived	Yes	read-only	None	As per MIB
agentDhcp6InterfaceSOLICITMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREQUESTMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRENEWMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceREBINDMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceRELEASEMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceDECLINEMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceCONFIRMMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceTOTALMessagesSent	Yes	read-only	None	As per MIB
agentDhcp6InterfaceClearClientStats	No	read-create	2	Not implemented

**Table 295: agentDhcp6ServerBindingTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerBindingPrefix	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingPrefixLength	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingPrefixType	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingClientIdentifier	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingClientAddress	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingClientInterface	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingIaid	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingValidLifetime	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingPreferLifetime	Yes	read-only	None	As per MIB
agentDhcp6ServerBindingExpiration	Yes	read-only	None	As per MIB

**Table 296: agentDhcp6ServerConflictTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ServerConflictPoolName	Yes	read-only	None	As per MIB
agentDhcp6ServerConflictPoolPrefix	Yes	read-only	None	As per MIB
agentDhcp6ConflictPoolPrefixLength	Yes	read-only	None	As per MIB
agentDhcp6ConflictClientDuid	Yes	read-only	None	As per MIB
agentDhcp6ConflictClientAddress	Yes	read-create	None	As per MIB
agentDhcp6ServerClearConflicts	Yes	read-create	false	As per MIB

## 5.6 FASTPATH-ROUTING6-MIB

**Table 297: agentIpv6Group**

MIB Objects	Supported	Access	Default	Comments
agentIpv6RoutingMode	Yes	read-write	None	As per MIB
agentIpv6NeighborsDynamicRenew	Yes	read-write	2	As per MIB
agentIpv6UnresolvedDataRateLimit	Yes	read-write	1024	As per MIB
agentIpv6NUDMaxUnicastSolicits	Yes	read-write	3	As per MIB
agentIpv6NUDMaxMulticastSolicits	Yes	read-write	3	As per MIB
agentIpv6NUDBackoffMultiple	Yes	read-write	1	As per MIB

**Table 298: agentIpv6InterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6InterfaceMtuValue	Yes	read-write	None	As per MIB
agentIpv6InterfaceDadTransmits	Yes	read-write	None	As per MIB
agentIpv6InterfaceLinkLocalOnly	Yes	read-write	2	As per MIB
agentIpv6InterfaceIcmpUnreachables	Yes	read-write	None	As per MIB
agentIpv6InterfaceAutoconfig	Yes	read-write	None	As per MIB
agentIpv6InterfaceDhcpClient	Yes	read-write	None	As per MIB
agentIpv6InterfaceIcmpRedirects	Yes	read-write	1	As per MIB

**Table 299: agentIpv6RouterAdvertisementTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6RouterAdvertisementSuppressMode	Yes	read-write	2	As per MIB
agentIpv6RouterAdvertisementMaxAdvertisementInterval	Yes	read-write	600	As per MIB
agentIpv6RouterAdvertisementAdvertisementLifetime	Yes	read-write	1800	As per MIB
agentIpv6RouterAdvertisementNbrSolicitInterval	Yes	read-write	0	As per MIB
agentIpv6RouterAdvertisementReachableTime	Yes	read-write	0	As per MIB
agentIpv6RouterAdvertisementManagedFlag	Yes	read-write	2	As per MIB
agentIpv6RouterAdvertisementOtherFlag	Yes	read-write	2	As per MIB
agentIpv6RouterAdvertisementHopLimitUnspecifiedMode	Yes	read-write	2	As per MIB

**Table 300: agentIpv6AddrPrefixTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6AddrPrefixOnLinkFlag	Yes	read-write	None	As per MIB
agentIpv6AddrPrefixAutonomousFlag	Yes	read-write	None	As per MIB
agentIpv6AddrPrefixAdvPreferredLifetime	Yes	read-write	None	As per MIB
agentIpv6AddrPrefixAdvValidLifetime	Yes	read-write	None	As per MIB

**Table 301: agentIpv6AddrTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6AddrPfxLength	Yes	read-create	None	As per MIB
agentIpv6AddrEui64Flag	Yes	read-create	None	As per MIB
agentIpv6AddrStatus	Yes	read-create	None	As per MIB

**Table 302: agentIpv6StaticRouteTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6StaticRoutePreference	Yes	read-create	1	As per MIB
agentIpv6StaticRouteStatus	Yes	read-create	None	As per MIB

**Table 303: agentIpv6ServicePortPrefixTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6ServicePortPrefix	Yes	read-only	None	As per MIB
agentIpv6ServicePortPrefixLength	Yes	read-only	None	As per MIB

**Table 304: agentIpv6ServicePortDefaultRouterTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6ServicePortDefaultRouter	Yes	read-only	None	As per MIB

**Table 305: agentIpv6ServicePortNbrTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6ServicePortNbrPhysAddr	Yes	read-only	None	As per MIB
agentIpv6ServicePortNbrState	Yes	read-only	None	As per MIB
agentIpv6ServicePortNbrUpdated	Yes	read-only	None	As per MIB
agentIpv6ServicePortNbrIsRouter	Yes	read-only	None	As per MIB
agentIpv6ServicePortNbrType	Yes	read-only	None	As per MIB

**Table 306: agentIpv6ServicePortNbrCfgTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6ServicePortNbrCfgPhysAddr	Yes	read-create	None	As per MIB
agentIpv6ServicePortNbrCfgEntryStatus	Yes	read-create	None	As per MIB

**Table 307: agentIpv6IcmpControlGroup**

MIB Objects	Supported	Access	Default	Comments
agentIpv6IcmpRateLimitInterval	Yes	read-write	None	As per MIB
agentIpv6IcmpRateLimitBurstSize	Yes	read-write	None	As per MIB

**Table 308: agentDhcp6ClientParametersTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcp6ClientPrefix	Yes	read-only	None	As per MIB
agentDhcp6ClientPrefixlength	Yes	read-only	None	As per MIB
agentDhcp6ClientState	Yes	read-only	None	As per MIB
agentDhcp6ClientServerDUID	Yes	read-only	None	As per MIB
agentDhcp6ClientT1Time	Yes	read-only	None	As per MIB
agentDhcp6ClientT2Time	Yes	read-only	None	As per MIB
agentDhcp6ClientIAID	Yes	read-only	None	As per MIB
agentDhcp6ClientPreferredLifeTime	Yes	read-only	None	As per MIB
agentDhcp6ClientValidLifeTime	Yes	read-only	None	As per MIB
agentDhcp6ClientRenewTime	Yes	read-only	None	As per MIB
agentDhcp6ClientExpireTime	Yes	read-only	None	As per MIB

**Table 309: agentIpv6RoutingTableSummaryGroup**

MIB Objects	Supported	Access	Default	Comments
agentIpv6ConnectedRoutes	Yes	read-only	None	As per MIB
agentIpv6StaticRoutes	Yes	read-only	None	As per MIB
agentIpv66to4Routes	Yes	read-only	None	As per MIB
agentIpv6OspfRoutes	Yes	read-only	None	As per MIB
agentIpv6OspfIntraRoutes	Yes	read-only	None	As per MIB
agentIpv6OspfInterRoutes	Yes	read-only	None	As per MIB
agentIpv6OspfExt1Routes	Yes	read-only	None	As per MIB
agentIpv6OspfExt2Routes	Yes	read-only	None	As per MIB
agentIpv6BgpRoutes	Yes	read-only	None	As per MIB
agentIpv6EbgpRoutes	Yes	read-only	None	As per MIB
agentIpv6IbgpRoutes	Yes	read-only	None	As per MIB
agentIpv6LocalBgpRoutes	Yes	read-only	None	As per MIB
agentIpv6RejectRoutes	Yes	read-only	None	As per MIB
agentIpv6TotalRoutes	Yes	read-only	None	As per MIB
agentIpv6BestRoutes	Yes	read-only	None	As per MIB

**Table 309: agentIpv6RoutingTableSummaryGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentIpv6BestRoutesHigh	Yes	read-only	None	As per MIB
agentIpv6AlternateRoutes	Yes	read-only	None	As per MIB
agentIpv6RouteAdds	Yes	read-only	None	As per MIB
agentIpv6RouteModifies	Yes	read-only	None	As per MIB
agentIpv6RouteDeletes	Yes	read-only	None	As per MIB
agentIpv6UnresolvedRouteAdds	Yes	read-only	None	As per MIB
agentIpv6InvalidRouteAdds	Yes	read-only	None	As per MIB
agentIpv6FailedRouteAdds	Yes	read-only	None	As per MIB
agentIpv6ReservedLocals	Yes	read-only	None	As per MIB
agentIpv6UniqueNextHops	Yes	read-only	None	As per MIB
agentIpv6UniqueNextHopsHigh	Yes	read-only	None	As per MIB
agentIpv6NextHopGroups	Yes	read-only	None	As per MIB
agentIpv6NextHopGroupsHigh	Yes	read-only	None	As per MIB
agentIpv6EcmpGroups	Yes	read-only	None	As per MIB
agentIpv6EcmpGroupsHigh	Yes	read-only	None	As per MIB
agentIpv6EcmpRoutes	Yes	read-only	None	As per MIB
agentIpv6TruncEcmpRoutes	Yes	read-only	None	As per MIB
agentIpv6EcmpRetries	Yes	read-only	None	As per MIB

**Table 310: agentIpv6EcmpCountTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6EcmpRouteCount	Yes	read-only	None	As per MIB

**Table 311: agentIpv6NetworkPortNbrTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6NetworkPortNbrPhysAddr	Yes	read-only	None	As per MIB
agentIpv6NetworkPortNbrState	Yes	read-only	None	As per MIB
agentIpv6NetworkPortNbrUpdated	Yes	read-only	None	As per MIB
agentIpv6NetworkPortNbrIsRouter	Yes	read-only	None	As per MIB
agentIpv6NetworkPortNbrType	Yes	read-only	None	As per MIB

**Table 312: agentIpv6NetworkPortNbrCfgTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6NetworkPortNbrCfgPhysAddr	Yes	read-create	None	As per MIB
agentIpv6NetworkPortNbrCfgEntryStatus	Yes	read-create	None	As per MIB

**Table 313: agentIpv6NbrCfgTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
agentIpv6NbrPhysAddr	Yes	read-create	None	As per MIB
agentIpv6NbrCfgEntryStatus	Yes	read-create	None	As per MIB

## Chapter 6: QoS MIBs

This section contains the SNMP MIB information for the EFOS QoS package.

### 6.1 FASTPATH-QOS-DIFFSERV-PRIVATE-MIB

**Table 314: agentDiffServGenStatusGroup**

MIB Objects	Supported	Access	Default	Comments
agentDiffServGenStatusAdminMode	Yes	read-write	2	As per MIB
agentDiffServGenStatusClassTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusClassTableMax	Yes	read-only	None	As per MIB
agentDiffServGenStatusClassRuleTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusClassRuleTableMax	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyTableMax	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyInstTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyInstTableMax	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyAttrTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusPolicyAttrTableMax	Yes	read-only	None	As per MIB
agentDiffServGenStatusServiceTableSize	Yes	read-only	None	As per MIB
agentDiffServGenStatusServiceTableMax	Yes	read-only	None	As per MIB

**Table 315: agentDiffServClassGroup**

MIB Objects	Supported	Access	Default	Comments
agentDiffServClassIndexNextFree	Yes	read-only	None	As per MIB

**Table 316: agentDiffServClassTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServClassName	Yes	read-create	None	As per MIB
agentDiffServClassType	Yes	read-create	None	As per MIB
agentDiffServClassAclNum	No	read-create	None	Deprecated
agentDiffServClassRuleIndexNextFree	No	read-only	None	Not implemented
agentDiffServClassStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServClassRowStatus	Yes	read-create	None	As per MIB
agentDiffServClassAclType	No	read-create	None	Deprecated
agentDiffServClassProtoType	Yes	read-create	None	As per MIB

**Table 317: agentDiffServClassRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServClassRuleMatchEntryType	Yes	read-create	None	As per MIB

**Table 317: agentDiffServClassRuleTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDiffServClassRuleMatchCos	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstIpAddr	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstIpMask	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstL4PortStart	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstL4PortEnd	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstMacAddr	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstMacMask	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchEvery	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchIpDscp	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchIpPrecedence	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchIpTosBits	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchIpTosMask	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchProtocolNum	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchRefClassIndex	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcIpAddr	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcIpMask	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcL4PortStart	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcL4PortEnd	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcMacAddr	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcMacMask	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchVlanId	No	read-create	None	obsolete
agentDiffServClassRuleMatchExcludeFlag	Yes	read-create	None	As per MIB
agentDiffServClassRuleStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServClassRuleRowStatus	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchCos2	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchEtypeKey	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchEtypeValue	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchVlanIdStart	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchVlanIdEnd	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchVlanId2Start	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchVlanId2End	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchFlowLabel	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchDstIpv6Prefix	Yes	read-write	None	As per MIB
agentDiffServClassRuleMatchSrcIpv6Prefix	Yes	read-write	None	As per MIB
agentDiffServClassRuleMatchDstIpv6PrefixLength	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchSrcIpv6PrefixLength	Yes	read-create	None	As per MIB
agentDiffServClassRuleMatchMplsExp	Yes	read-create	None	As per MIB

**Table 318: agentDiffServClassAclTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServClassAclNumber	Yes	read-create	None	As per MIB

**Table 319: agentDiffServPolicyGroup**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyIndexNextFree	Yes	read-only	None	As per MIB

**Table 320: agentDiffServPolicyTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyName	Yes	read-create	None	As per MIB
agentDiffServPolicyType	Yes	read-create	None	As per MIB
agentDiffServPolicyInstIndexNextFree	No	read-only	None	Not implemented
agentDiffServPolicyStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServPolicyRowStatus	Yes	read-create	None	As per MIB

**Table 321: agentDiffServPolicyInstTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyInstClassIndex	Yes	read-create	None	As per MIB
agentDiffServPolicyInstAttrIndexNextFree	No	read-only	None	Not implemented
agentDiffServPolicyInstStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServPolicyInstRowStatus	Yes	read-create	None	As per MIB

**Table 322: agentDiffServPolicyAttrTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyAttrStmtEntryType	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtBandwidthCrate	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtBandwidthCrateUnits	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtExpediteCrate	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtExpediteCrateUnits	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtExpediteCburst	No	read-create	4	obsolete
agentDiffServPolicyAttrStmtMarkCosVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtMarkIpDscpVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtMarkIpPrecedenceVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceConformAct	Yes	read-create	4	As per MIB
agentDiffServPolicyAttrStmtPoliceConformVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceExceedAct	Yes	read-create	1	As per MIB
agentDiffServPolicyAttrStmtPoliceExceedVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceNonconformAct	Yes	read-create	1	As per MIB
agentDiffServPolicyAttrStmtPoliceNonconformVal	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceSimpleCrate	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceSimpleCburst	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceSinglerateCrate	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceSinglerateCburst	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceSinglerateEburst	Yes	read-create	None	As per MIB

**Table 322: agentDiffServPolicyAttrTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyAttrStmtPoliceTworateCrate	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceTworateCburst	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceTworateCburst	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceTworatePrate	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceTworatePburst	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtRandomdropMinThresh	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtRandomdropMaxThresh	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtRandomdropMaxDropProb	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtRandomdropSamplingRate	No	read-create	0	obsolete
agentDiffServPolicyAttrStmtRandomdropDecayExponent	No	read-create	9	obsolete
agentDiffServPolicyAttrStmtShapeAverageCrate	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtShapePeakCrate	No	read-create	None	obsolete
agentDiffServPolicyAttrStmtShapePeakPrate	No	read-create	None	obsolete
agentDiffServPolicyAttrStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServPolicyAttrRowStatus	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtAssignQueueId	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtDrop	Yes	read-only	None	As per MIB
agentDiffServPolicyAttrStmtMarkCos2Val	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceColorConformIndex	Yes	read-create	0	As per MIB
agentDiffServPolicyAttrStmtPoliceColorConformMode	Yes	read-only	1	As per MIB
agentDiffServPolicyAttrStmtPoliceColorConformVal	Yes	read-only	None	As per MIB
agentDiffServPolicyAttrStmtPoliceColorExceedIndex	Yes	read-create	0	As per MIB
agentDiffServPolicyAttrStmtPoliceColorExceedMode	Yes	read-only	1	As per MIB
agentDiffServPolicyAttrStmtRedirectIntf	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtPoliceColorExceedVal	Yes	read-only	None	As per MIB
agentDiffServPolicyAttrStmtRedirectIntf	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtMirrorIntf	Yes	read-create	None	As per MIB
agentDiffServPolicyAttrStmtMarkCosAsSecCos	Yes	read-create	None	As per MIB

**Table 323: agentDiffServPolicyPerfInTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyPerfInOfferedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfInDiscardedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfInHCOfferedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfInHCDiscardedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfInStorageType	Yes	read-only	nonVolatile	As per MIB
agentDiffServPolicyPerfInRowStatus	Yes	read-only	None	As per MIB

**Table 324: agentDiffServPolicyPerfOutTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyPerfOutTailDroppedPackets	No	read-only	None	obsolete

**Table 324: agentDiffServPolicyPerfOutTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDiffServPolicyPerfOutRandomDroppedPackets	No	read-only	None	obsolete
agentDiffServPolicyPerfOutShapeDelayedPackets	No	read-only	None	obsolete
agentDiffServPolicyPerfOutHCTailDroppedPackets	No	read-only	None	obsolete
agentDiffServPolicyPerfOutHCRandomDroppedPackets	No	read-only	None	obsolete
agentDiffServPolicyPerfOutHCShapeDelayedPackets	No	read-only	None	obsolete
agentDiffServPolicyPerfOutOfferedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfOutDiscardedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfOutHCOfferedPackets	Yes	read-only	None	As per MIB
agentDiffServPolicyPerfOutStorageType	Yes	read-only	nonVolatile	As per MIB
agentDiffServPolicyPerfOutRowStatus	Yes	read-only	None	As per MIB

**Table 325: agentDiffServServiceTable**

MIB Objects	Supported	Access	Default	Comments
agentDiffServServicePolicyIndex	Yes	read-create	None	As per MIB
agentDiffServServiceIfOperStatus	Yes	read-only	None	As per MIB
agentDiffServServiceStorageType	Yes	read-create	nonVolatile	As per MIB
agentDiffServServiceRowStatus	Yes	read-create	None	As per MIB

## 6.2 FASTPATH-QOS-COS-MIB

**Table 326: agentCosMapIpPrecTable**

MIB Objects	Supported	Access	Default	Comments
agentCosMapIpPrecTrafficClass	Yes	read-write	None	As per MIB

**Table 327: agentCosMapIpDscpTable**

MIB Objects	Supported	Access	Default	Comments
agentCosMapIpDscpTrafficClass	Yes	read-write	None	As per MIB

**Table 328: agentCosMapMplsExpTable**

MIB Objects	Supported	Access	Default	Comments
agentCosMapMplsExpTrafficClass	Yes	read-write	None	As per MIB

**Table 329: agentCosMapIntfTrustTable**

MIB Objects	Supported	Access	Default	Comments
agentCosMapIntfTrustMode	Yes	read-write	None	As per MIB
agentCosMapUntrustedTrafficClass	Yes	read-only	None	As per MIB

**Table 330: agentCosQueueCfgGroup**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueNumQueuesPerPort	Yes	read-only	None	As per MIB
agentCosQueueNumDropPrecedenceLevels	Yes	read-only	None	As per MIB

**Table 331: agentCosQueueControlTable**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueIntfShapingRate	Yes	read-write	0	As per MIB
agentCosQueueMgmtTypeIntf	Yes	read-write	1	As per MIB
agentCosQueueWredDecayExponent	Yes	read-write	9	As per MIB
agentCosQueueDefaultsRestore	Yes	read-write	None	As per MIB
agentCosQueueIntfShapingRateUnits	Yes	read-only	1	As per MIB

**Table 332: agentCosQueueTable**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueSchedulerType	Yes	read-write	2	As per MIB
agentCosQueueMinBandwidth	Yes	read-write	0	As per MIB
agentCosQueueMaxBandwidth	No	read-write	None	Not implemented
agentCosQueueMgmtType	Yes	read-write	1	As per MIB

**Table 333: agentCosQueueMgmtTable**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueMgmtTailDropThreshold	No	read-write	None	obsolete
agentCosQueueMgmtWredMinThreshold	No	read-write	None	obsolete
agentCosQueueMgmtWredMaxThreshold	No	read-write	None	obsolete
agentCosQueueMgmtWredDropProbScale	No	read-write	10	obsolete
agentCosQueueMgmtPercentTailDropThreshold	Yes	read-write	None	As per MIB
agentCosQueueMgmtPercentWredMinThreshold	No	read-write	None	deprecated
agentCosQueueMgmtPercentWredMaxThreshold	No	read-write	None	deprecated
agentCosQueueMgmtWredDropProbability	Yes	read-write	10	As per MIB
agentCosQueueMgmtWredEcn	Yes	read-write	2	As per MIB
agentCosQueueMgmtWredUnits	Yes	read-write	1	As per MIB
agentCosQueueMgmtComboWredMinThreshold	Yes	read-write	None	As per MIB
agentCosQueueMgmtComboWredMaxThreshold	Yes	read-write	None	As per MIB

**Table 334: agentCosQueueIntfCounterTable**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueIntfCounterHCTotalDropPackets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCTransmitOctets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCReceiveOctets	Yes	read-only	None	As per MIB

**Table 334: agentCosQueueIntfCounterTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueIntfCounterHCDropsGreenPackets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCDropsYellowPackets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCDropsRedPackets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCTransmitQueueSizeOctets	Yes	read-only	None	As per MIB
agentCosQueueIntfCounterHCEcnTransmitPackets	Yes	read-only	None	As per MIB

**Table 335: agentCosQueueStatisticsTable**

MIB Objects	Supported	Access	Default	Comments
agentCosQueueStatisticsHCTotalDropPackets	Yes	read-only	None	As per MIB
agentCosQueueStatisticsHCTotalOctets	Yes	read-only	None	As per MIB
agentCosQueueStatisticsPeakOctets	Yes	read-only	None	As per MIB
agentCosQueueStatisticsCurrentOctets	Yes	read-only	None	As per MIB
agentCosQueueStatisticsAverageOctets	Yes	read-only	None	As per MIB

## 6.3 FASTPATH-QOS-ACL-MIB

**Table 336: fastPathQOSACL**

MIB Objects	Supported	Access	Default	Comments
aclMacIndexNextFree	Yes	read-only	None	As per MIB
aclIpv6IndexNextFree	Yes	read-only	None	As per MIB
aclNamedIpv4IndexNextFree	Yes	read-only	None	As per MIB
agentAclMacCounterClearAll	Yes	read-write	2	As per MIB
agentAclIpv6IdCounterClearAll	Yes	read-write	2	As per MIB
agentAclCountersMode	Yes	read-write	1	As per MIB

**Table 337: aclTable**

MIB Objects	Supported	Access	Default	Comments
aclStatus	Yes	read-create	None	As per MIB
aclName	Yes	read-create	None	As per MIB
aclResquenceStartRuleNumber	Yes	read-write	None	As per MIB
aclResequenceIncrement	Yes	read-write	None	As per MIB
aclListCounterClear	Yes	read-write	2	As per MIB
aclIsDacl	Yes	read-only	false	As per MIB
aclComponentId	Yes	read-only	0	As per MIB

**Table 338: aclIfTable**

MIB Objects	Supported	Access	Default	Comments
aclIfStatus	Yes	read-create	None	As per MIB
aclIfIsDacl	Yes	read-only	false	As per MIB

**Table 339: aclRuleTable**

MIB Objects	Supported	Access	Default	Comments
aclRuleAction	Yes	read-create	2	As per MIB
aclRuleProtocol	Yes	read-create	None	As per MIB
aclRuleSrcIpAddress	Yes	read-create	None	As per MIB
aclRuleSrcIpMask	Yes	read-create	None	As per MIB
aclRuleSrcL4Port	Yes	read-create	None	As per MIB
aclRuleSrcL4PortRangeStart	Yes	read-create	None	As per MIB
aclRuleSrcL4PortRangeEnd	Yes	read-create	None	As per MIB
aclRuleDestIpAddress	Yes	read-create	None	As per MIB
aclRuleDestIpMask	Yes	read-create	None	As per MIB
aclRuleDestL4Port	Yes	read-create	None	As per MIB
aclRuleDestL4PortRangeStart	Yes	read-create	None	As per MIB
aclRuleDestL4PortRangeEnd	Yes	read-create	None	As per MIB
aclRuleIPDSCP	Yes	read-create	None	As per MIB
aclRuleIpPrecedence	Yes	read-create	None	As per MIB

**Table 339: aclRuleTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
aclRuleIpTosBits	Yes	read-create	None	As per MIB
aclRuleIpTosMask	Yes	read-create	None	As per MIB
aclRuleStatus	Yes	read-create	None	As per MIB
aclRuleAssignQueueId	Yes	read-create	None	As per MIB
aclRuleRedirectIntf	Yes	read-create	0	As per MIB
aclRuleMatchEvery	Yes	read-create	None	As per MIB
aclRuleMirrorIntf	Yes	read-create	0	As per MIB
aclRuleLogging	Yes	read-create	None	As per MIB
aclRuleTimeRangeName	Yes	read-create	None	As per MIB
aclRuleTimeRangeStatus	No	read-only	None	As per MIB
aclRuleRateLimitCrate	Yes	read-create	None	As per MIB
aclRuleRateLimitCburst	Yes	read-create	None	As per MIB
aclRuleRedirectExtAgentId	Yes	read-create	0	As per MIB
aclRuleIcmpType	Yes	read-create	None	As per MIB
aclRuleIcmpCode	Yes	read-create	None	As per MIB
aclRuleIcmpType	Yes	read-create	None	As per MIB
aclRuleEstablished	Yes	read-create	None	As per MIB
aclRuleFragments	Yes	read-create	None	As per MIB
aclRuleIsDuplicated	Yes	read-create	None	As per MIB
aclRuleHitCount	Yes	read-create	None	As per MIB
aclRuleCounterClear	Yes	read-create	None	As per MIB
aclRuleTtlValue	Yes	read-create	None	As per MIB
aclRuleMirrorExtAgentId	Yes	read-create	0	As per MIB
aclRuleSflowSampling	Yes	read-create	False	As per MIB

**Table 340: agentAclRemarkConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentAclRemarkStr	Yes	read-create	None	As per MIB
agentAclRemarkStatus	Yes	read-create	None	As per MIB

**Table 341: agentAclRemarkRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentAclRuleRemarkStr	Yes	read-only	None	As per MIB
agentAclRuleRemarkStatus	Yes	read-create	None	As per MIB

**Table 342: agentAclIpv6RemarkConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentAclIpv6RemarkStr	Yes	read-create	None	As per MIB
agentAclIpv6RemarkStatus	Yes	read-create	None	As per MIB

**Table 343: agentAclIpv6RemarkRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentAclIpv6RuleRemarkStr	Yes	read-only	None	As per MIB
agentAclIpv6RuleRemarkStatus	Yes	read-create	None	As per MIB

**Table 344: agentAclMacRemarkConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentAclMacRemarkStr	Yes	read-create	None	As per MIB
agentAclMacRemarkStatus	Yes	read-create	None	As per MIB

**Table 345: agentAclMacRemarkRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentAclMacRuleRemarkStr	Yes	read-only	None	As per MIB
agentAclMacRuleRemarkStatus	Yes	read-create	None	As per MIB

**Table 346: acIMacTable**

MIB Objects	Supported	Access	Default	Comments
acIMacName	Yes	read-create	None	As per MIB
acIMacStatus	Yes	read-create	None	As per MIB
acIMacResquenceStartRuleNumber	Yes	read-write	None	As per MIB
acIMacResequenceIncrement	Yes	read-write	None	As per MIB
acIMacListCounterClear	Yes	read-write	None	As per MIB
acIMacRuleTable	Yes	read-write	2	As per MIB
acIMacIsDacl	Yes	read-only	false	As per MIB
acIMacComponentId	Yes	read-only	0	As per MIB

**Table 347: acIMacRuleTable**

MIB Objects	Supported	Access	Default	Comments
acIMacRuleAction	Yes	read-create	2	As per MIB
acIMacRuleCos	Yes	read-create	None	As per MIB
acIMacRuleCos2	Yes	read-create	None	As per MIB
acIMacRuleDestMacAddr	Yes	read-create	None	As per MIB
acIMacRuleDestMacMask	Yes	read-create	None	As per MIB
acIMacRuleEtypeKey	Yes	read-create	None	As per MIB
acIMacRuleEtypeValue	Yes	read-create	None	As per MIB
acIMacRuleSrcMacAddr	Yes	read-create	None	As per MIB
acIMacRuleSrcMacMask	Yes	read-create	None	As per MIB
acIMacRuleVlanId	Yes	read-create	None	As per MIB
acIMacRuleVlanIdRangeStart	Yes	read-create	None	As per MIB
acIMacRuleVlanIdRangeEnd	Yes	read-create	None	As per MIB

**Table 347: aciMacRuleTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
aciMacRuleVlanId2	Yes	read-create	None	As per MIB
aciMacRuleVlanId2RangeStart	Yes	read-create	None	As per MIB
aciMacRuleVlanId2RangeEnd	Yes	read-create	None	As per MIB
aciMacRuleStatus	Yes	read-create	None	As per MIB
aciMacRuleAssignQueueId	Yes	read-create	None	As per MIB
aciMacRuleRedirectIntf	Yes	read-create	0	As per MIB
aciMacRuleMatchEvery	Yes	read-create	None	As per MIB
aciMacRuleMirrorIntf	Yes	read-create	0	As per MIB
aciMacRuleLogging	Yes	read-create	None	As per MIB
aciMacRuleTimeRangeName	Yes	read-create	None	As per MIB
aciMacRuleTimeRangeStatus	No	read-only	None	Not implemented
aciMacRuleRateLimitCrate	Yes	read-create	None	As per MIB
aciMacRuleRateLimitCburst	Yes	read-create	None	As per MIB
aciMacRuleRedirectExtAgentId	Yes	read-create	0	As per MIB
aciMacRuleIsDuplicated	No	read-create	None	Not implemented
aciMacRuleHitCount	Yes	read-write	None	As per MIB
aciMacRuleCounterClear	Yes	read-only	None	As per MIB
aciMacRuleMirrorExtAgentId	Yes	read-create	0	As per MIB
aciMacRuleSflowSampling	Yes	read-create	False	As per MIB

**Table 348: agentAclControlGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentAclIdCounterClearAll	Yes	read-write	2	As per MIB
agentAclNameCounterClearAll	Yes	read-write	2	As per MIB
agentAclCounterClearAll	Yes	read-write	2	As per MIB

**Table 349: aciLoggingGroup**

MIB Objects	Supported	Access	Default	Comments
aciTrapRuleIndex	Yes	accessible-for-notify	None	As per MIB
aciTrapRuleAction	Yes	accessible-for-notify	None	As per MIB
aciTrapRuleHitCount	Yes	accessible-for-notify	None	Read-only
aciTrapFlag	Yes	read-write	None	As per MIB
aciTrapRuleTimeRangeName	Yes	accessible-for-notify	None	Read-only
aciTrapRuleTimeRangeNotification	Yes	accessible-for-notify	None	As per MIB
aciTrapRuleInstallationStatus	Yes	accessible-for-notify	None	As per MIB

**Table 350: aciIpv6Table**

MIB Objects	Supported	Access	Default	Comments
aciIpv6Name	Yes	read-create	None	As per MIB
aciIpv6Status	Yes	read-create	None	As per MIB

**Table 350: aclIpv6Table (Continued)**

MIB Objects	Supported	Access	Default	Comments
aclIpv6ResequenceStartRuleNumber	Yes	read-write	None	As per MIB
aclIpv6ResequenceIncrement	Yes	read-write	None	As per MIB
aclIpv6ListCounterClear	Yes	read-write	None	As per MIB
aclIpv6IsDacl	Yes	read-only	false	As per MIB
aclIpv6ComponentId	Yes	read-only	0	As per MIB

**Table 351: aclIpv6RuleTable**

MIB Objects	Supported	Access	Default	Comments
aclIpv6RuleAction	Yes	read-create	2	As per MIB
aclIpv6RuleLogging	Yes	read-create	None	As per MIB
aclIpv6RuleAssignQueueId	Yes	read-create	None	As per MIB
aclIpv6RuleRedirectIntf	Yes	read-create	0	As per MIB
aclIpv6RuleMirrorIntf	Yes	read-create	0	As per MIB
aclIpv6RuleMatchEvery	Yes	read-create	None	As per MIB
aclIpv6RuleProtocol	Yes	read-create	None	As per MIB
aclIpv6RuleSrcL4Port	Yes	read-create	None	As per MIB
aclIpv6RuleSrcL4PortRangeStart	Yes	read-create	None	As per MIB
aclIpv6RuleSrcL4PortRangeEnd	Yes	read-create	None	As per MIB
aclIpv6RuleDestL4Port	Yes	read-create	None	As per MIB
aclIpv6RuleDestL4PortRangeStart	Yes	read-create	None	As per MIB
aclIpv6RuleDestL4PortRangeEnd	Yes	read-create	None	As per MIB
aclIpv6RuleStatus	Yes	read-create	None	As per MIB
aclIpv6RuleFlowLabel	Yes	read-create	None	As per MIB
aclIpv6RuleIPDSCP	Yes	read-create	None	As per MIB
aclRuleSrcIpv6Prefix	Yes	read-write	None	As per MIB
aclRuleSrcIpv6PrefixLength	Yes	read-create	None	As per MIB
aclRuleDstIpv6Prefix	Yes	read-write	None	As per MIB
aclRuleDstIpv6PrefixLength	Yes	read-create	None	As per MIB
aclIpv6RuleTimeRangeName	Yes	read-create	None	As per MIB
aclIpv6RuleTimeRangeStatus	No	read-only	None	Not implemented
aclIpv6RuleRateLimitCrate	Yes	read-create	None	As per MIB
aclIpv6RuleRateLimitCburst	Yes	read-create	None	As per MIB
aclIpv6RuleRedirectExtAgentId	Yes	read-create	0	As per MIB
aclIpv6RuleIcmpType	Yes	read-create	None	As per MIB
aclIpv6RuleIcmpCode	Yes	read-create	None	As per MIB
aclIpv6RuleRouting	Yes	read-create	None	As per MIB
aclIpv6RuleFragments	Yes	read-create	None	As per MIB
aclIpv6RuleEstablished	Yes	read-create	None	As per MIB
aclIpv6RuleIsDuplicated	No	read-create	None	Not implemented
aclIpv6RuleHitCount	Yes	read-only	None	As per MIB
aclIpv6RuleCounterClear	Yes	read-write	None	As per MIB
aclIpv6RuleHopLimitValue	Yes	read-create	None	As per MIB

**Table 351: acIIPv6RuleTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
acIIPv6RuleMirrorExtAgentId	Yes	read-create	0	As per MIB
acIIPv6RuleSflowSampling	Yes	read-create	False	As per MIB

**Table 352: acIVlanTable**

MIB Objects	Supported	Access	Default	Comments
acIVlanStatus	Yes	read-create	None	As per MIB

**Table 353: acINotifications**

MIB Objects	Supported	Access	Comments
acITrapRuleLogEvent	Yes	—	As per MIB
acITrapRuleTimeRangeEvent	Yes	—	As per MIB

## 6.4 FASTPATH-QOS-AUTOVOIP-MIB

**Table 354: agentAutoVoIPCfgGroup**

MIB Objects	Supported	Access	Default	Comments
agentAutoVoIPVLAN	Yes	read-write	None	As per MIB
agentAutoVoIPOUIPriority	Yes	read-write	None	As per MIB
agentAutoVoIPProtocolPriScheme	Yes	read-write	None	As per MIB
agentAutoVoIPProtocolTcOrRemarkValue	Yes	read-write	None	As per MIB

**Table 355: agentAutoVoIPTable**

MIB Objects	Supported	Access	Default	Comments
agentAutoVoIPProtocolMode	Yes	read-write	2	As per MIB
agentAutoVoIPOUIMode	Yes	read-write	2	As per MIB
agentAutoVoIPProtocolPortStatus	Yes	read-only	None	As per MIB
agentAutoVoIPOUIPortStatus	Yes	read-only	None	As per MIB

**Table 356: agentAutoVoIPOUITable**

MIB Objects	Supported	Access	Default	Comments
agentAutoVoIPOUI	Yes	read-write	None	As per MIB
agentAutoVoIPOUIDesc	Yes	read-write	None	As per MIB
agentAutoVoIPOUIRowStatus	Yes	read-create	None	As per MIB

**Table 357: agentAutoVoIPSessionTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
agentAutoVoIPSourceIP	Yes	read-only	None	As per MIB
agentAutoVoIPDestinationIP	Yes	read-only	None	As per MIB
agentAutoVoIPSourceL4Port	Yes	read-only	None	As per MIB
agentAutoVoIPDestinationL4Port	Yes	read-only	None	As per MIB
agentAutoVoIPProtocol	Yes	read-only	None	As per MIB

## Chapter 7: Routing MIBs

This section contains the SNMP MIB information for the EFOS Routing package.

### 7.1 IP-MIB (RFC 2011)

**Table 358: IP**

MIB Objects	Supported	Access	Default	Comments
ipForwarding	Yes	read-write	None	As per MIB
ipDefaultTTL	Yes	read-write	None	Read-only
ipInReceives	No	read-only	None	deprecated
ipInHdrErrors	No	read-only	None	deprecated
ipInAddrErrors	No	read-only	None	deprecated
ipForwDatagrams	No	read-only	None	deprecated
ipInUnknownProtos	No	read-only	None	deprecated
ipInDiscards	No	read-only	None	deprecated
ipInDelivers	No	read-only	None	deprecated
ipOutRequests	No	read-only	None	deprecated
ipOutDiscards	No	read-only	None	deprecated
ipOutNoRoutes	No	read-only	None	deprecated
ipReasmTimeout	Yes	read-only	None	As per MIB
ipReasmReqds	No	read-only	None	deprecated
ipReasmOKs	No	read-only	None	deprecated
ipReasmFails	No	read-only	None	deprecated
ipFragOKs	No	read-only	None	deprecated
ipFragFails	No	read-only	None	deprecated
ipFragCreates	No	read-only	None	deprecated
ipRoutingDiscards	No	read-only	None	deprecated
ipv6IpForwarding	No	read-write	None	Not implemented
ipv6IpDefaultHopLimit	No	read-write	None	Not implemented
ipv4InterfaceTableLastChange	No	read-only	None	Not implemented
ipv6InterfaceTableLastChange	No	read-only	None	Not implemented
ipAddressSpinLock	No	read-write	None	Not implemented
ipv6RouterAdvertSpinLock	No	read-write	None	Not implemented

**Table 359: ipTrafficStats**

MIB Objects	Supported	Access	Default	Comments
ipIfStatsTableLastChange	No	read-only	None	Not implemented

**Table 360: icmp**

MIB Objects	Supported	Access	Default	Comments
icmpInMsgs	No	read-only	None	deprecated
icmpInErrors	No	read-only	None	deprecated
icmpInDestUnreachs	No	read-only	None	deprecated
icmpInTimeExcds	No	read-only	None	deprecated
icmpInParmProbs	No	read-only	None	deprecated
icmpInSrcQuenchs	No	read-only	None	deprecated
icmpInRedirects	No	read-only	None	deprecated
icmpInEchos	No	read-only	None	deprecated
icmpInEchoReps	No	read-only	None	deprecated
icmpInTimestamps	No	read-only	None	deprecated
icmpInTimestampReps	No	read-only	None	deprecated
icmpInAddrMasks	No	read-only	None	deprecated
icmpInAddrMaskReps	No	read-only	None	deprecated
icmpOutMsgs	No	read-only	None	deprecated
icmpOutErrors	No	read-only	None	deprecated
icmpOutDestUnreachs	No	read-only	None	deprecated
icmpOutTimeExcds	No	read-only	None	deprecated
icmpOutParmProbs	No	read-only	None	deprecated
icmpOutSrcQuenchs	No	read-only	None	deprecated
icmpOutRedirects	No	read-only	None	deprecated
icmpOutEchos	No	read-only	None	deprecated
icmpOutEchoReps	No	read-only	None	deprecated
icmpOutTimestamps	No	read-only	None	deprecated
icmpOutTimestampReps	No	read-only	None	deprecated
icmpOutAddrMasks	No	read-only	None	deprecated
icmpOutAddrMaskReps	No	read-only	None	deprecated

**Table 361: ipv4InterfaceTable**

MIB Objects	Supported	Access	Default	Comments
ipv4InterfaceReasmMaxSize	No	read-only	None	Not implemented
ipv4InterfaceEnableStatus	No	read-write	None	Not implemented
ipv4InterfaceRetransmitTime	No	read-only	1000	Not implemented

**Table 362: ipv6InterfaceTable**

MIB Objects	Supported	Access	Default	Comments
ipv6InterfaceReasmMaxSize	No	read-only	None	Not implemented
ipv6InterfaceIdentifier	No	read-only	None	Not implemented
ipv6InterfaceEnableStatus	No	read-write	None	Not implemented
ipv6InterfaceReachableTime	No	read-only	None	Not implemented
ipv6InterfaceRetransmitTime	No	read-only	None	Not implemented

**Table 362: ipv6InterfaceTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ipv6InterfaceForwarding	No	read-write	None	Not implemented

**Table 363: ipSystemStatsTable**

MIB Objects	Supported	Access	Default	Comments
ipSystemStatsInReceives	No	read-only	None	Not implemented
ipSystemStatsHCInReceives	No	read-only	None	Not implemented
ipSystemStatsInOctets	No	read-only	None	Not implemented
ipSystemStatsHCInOctets	No	read-only	None	Not implemented
ipSystemStatsInHdrErrors	No	read-only	None	Not implemented
ipSystemStatsInNoRoutes	No	read-only	None	Not implemented
ipSystemStatsInAddrErrors	No	read-only	None	Not implemented
ipSystemStatsInUnknownProtos	No	read-only	None	Not implemented
ipSystemStatsInTruncatedPkts	No	read-only	None	Not implemented
ipSystemStatsInForwDatagrams	No	read-only	None	Not implemented
ipSystemStatsHCInForwDatagrams	No	read-only	None	Not implemented
ipSystemStatsReasmReqds	No	read-only	None	Not implemented
ipSystemStatsReasmOKs	No	read-only	None	Not implemented
ipSystemStatsReasmFails	No	read-only	None	Not implemented
ipSystemStatsInDiscards	No	read-only	None	Not implemented
ipSystemStatsInDelivers	No	read-only	None	Not implemented
ipSystemStatsHCInDelivers	No	read-only	None	Not implemented
ipSystemStatsOutRequests	No	read-only	None	Not implemented
ipSystemStatsHCOutRequests	No	read-only	None	Not implemented
ipSystemStatsOutNoRoutes	No	read-only	None	Not implemented
ipSystemStatsOutForwDatagrams	No	read-only	None	Not implemented
ipSystemStatsHCOutForwDatagrams	No	read-only	None	Not implemented
ipSystemStatsOutDiscards	No	read-only	None	Not implemented
ipSystemStatsOutFragReqds	No	read-only	None	Not implemented
ipSystemStatsOutFragOKs	No	read-only	None	Not implemented
ipSystemStatsOutFragFails	No	read-only	None	Not implemented
ipSystemStatsOutFragCreates	No	read-only	None	Not implemented
ipSystemStatsOutTransmits	No	read-only	None	Not implemented
ipSystemStatsHCOutTransmits	No	read-only	None	Not implemented
ipSystemStatsOutOctets	No	read-only	None	Not implemented
ipSystemStatsHCOutOctets	No	read-only	None	Not implemented
ipSystemStatsInMcastPkts	No	read-only	None	Not implemented
ipSystemStatsHCInMcastPkts	No	read-only	None	Not implemented
ipSystemStatsInMcastOctets	No	read-only	None	Not implemented
ipSystemStatsHCInMcastOctets	No	read-only	None	Not implemented
ipSystemStatsOutMcastPkts	No	read-only	None	Not implemented
ipSystemStatsHCOutMcastPkts	No	read-only	None	Not implemented
ipSystemStatsOutMcastOctets	No	read-only	None	Not implemented

**Table 363: ipSystemStatsTable**

MIB Objects	Supported	Access	Default	Comments
ipSystemStatsHCOutMcastOctets	No	read-only	None	Not implemented
ipSystemStatsInBcastPkts	No	read-only	None	Not implemented
ipSystemStatsHCInBcastPkts	No	read-only	None	Not implemented
ipSystemStatsOutBcastPkts	No	read-only	None	Not implemented
ipSystemStatsHCOutBcastPkts	No	read-only	None	Not implemented
ipSystemStatsDiscontinuityTime	No	read-only	None	Not implemented
ipSystemStatsRefreshRate	No	read-only	None	Not implemented

**Table 364: ipIfStatsTable**

MIB Objects	Supported	Access	Default	Comments
ipIfStatsInReceives	No	read-only	None	Not implemented
ipIfStatsHCInReceives	No	read-only	None	Not implemented
ipIfStatsInOctets	No	read-only	None	Not implemented
ipIfStatsHCInOctets	No	read-only	None	Not implemented
ipIfStatsInHdrErrors	No	read-only	None	Not implemented
ipIfStatsInNoRoutes	No	read-only	None	Not implemented
ipIfStatsInAddrErrors	No	read-only	None	Not implemented
ipIfStatsInUnknownProtos	No	read-only	None	Not implemented
ipIfStatsInTruncatedPkts	No	read-only	None	Not implemented
ipIfStatsInForwDatagrams	No	read-only	None	Not implemented
ipIfStatsHCInForwDatagrams	No	read-only	None	Not implemented
ipIfStatsReasmReqds	No	read-only	None	Not implemented
ipIfStatsReasmOKs	No	read-only	None	Not implemented
ipIfStatsReasmFails	No	read-only	None	Not implemented
ipIfStatsInDiscards	No	read-only	None	Not implemented
ipIfStatsInDelivers	No	read-only	None	Not implemented
ipIfStatsHCInDelivers	No	read-only	None	Not implemented
ipIfStatsOutRequests	No	read-only	None	Not implemented
ipIfStatsHCOutRequests	No	read-only	None	Not implemented
ipIfStatsOutForwDatagrams	No	read-only	None	Not implemented
ipIfStatsHCOutForwDatagrams	No	read-only	None	Not implemented
ipIfStatsOutDiscards	No	read-only	None	Not implemented
ipIfStatsOutFragReqds	No	read-only	None	Not implemented
ipIfStatsOutFragOKs	No	read-only	None	Not implemented
ipIfStatsOutFragFails	No	read-only	None	Not implemented
ipIfStatsOutFragCreates	No	read-only	None	Not implemented
ipIfStatsOutTransmits	No	read-only	None	Not implemented
ipIfStatsHCOutTransmits	No	read-only	None	Not implemented
ipIfStatsOutOctets	No	read-only	None	Not implemented
ipIfStatsHCOutOctets	No	read-only	None	Not implemented
ipIfStatsInMcastPkts	No	read-only	None	Not implemented
ipIfStatsHCInMcastPkts	No	read-only	None	Not implemented

**Table 364: ipIfStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ipIfStatsInMcastOctets	No	read-only	None	Not implemented
ipIfStatsHCInMcastOctets	No	read-only	None	Not implemented
ipIfStatsOutMcastPkts	No	read-only	None	Not implemented
ipIfStatsHCOutMcastPkts	No	read-only	None	Not implemented
ipIfStatsOutMcastOctets	No	read-only	None	Not implemented
ipIfStatsHCOutMcastOctets	No	read-only	None	Not implemented
ipIfStatsInBcastPkts	No	read-only	None	Not implemented
ipIfStatsHCInBcastPkts	No	read-only	None	Not implemented
ipIfStatsOutBcastPkts	No	read-only	None	Not implemented
ipIfStatsHCOutBcastPkts	No	read-only	None	Not implemented
ipIfStatsDiscontinuityTime	No	read-only	None	Not implemented
ipIfStatsRefreshRate	No	read-only	None	Not implemented

**Table 365: ipAddressPrefixTable**

MIB Objects	Supported	Access	Default	Comments
ipAddressPrefixOrigin	No	read-only	None	Not implemented
ipAddressPrefixOnLinkFlag	No	read-only	None	Not implemented
ipAddressPrefixAutonomousFlag	No	read-only	None	Not implemented
ipAddressPrefixAdvPreferredLifetime	No	read-only	None	Not implemented
ipAddressPrefixAdvValidLifetime	No	read-only	None	Not implemented

**Table 366: ipAddressTable**

MIB Objects	Supported	Access	Default	Comments
ipAddressIfIndex	No	read-create	None	Not implemented
ipAddressType	No	read-create	1	Not implemented
ipAddressPrefix	No	read-only	zeroDotZero	Not implemented
ipAddressOrigin	No	read-only	None	Not implemented
ipAddressStatus	No	read-create	1	Not implemented
ipAddressCreated	No	read-only	None	Not implemented
ipAddressLastChanged	No	read-only	None	Not implemented
ipAddressRowStatus	No	read-create	None	Not implemented
ipAddressStorageType	No	read-create	volatile	Not implemented

**Table 367: ipNetToPhysicalTable**

MIB Objects	Supported	Access	Default	Comments
ipNetToPhysicalPhysAddress	No	read-create	None	Not implemented
ipNetToPhysicalLastUpdated	No	read-only	None	Not implemented
ipNetToPhysicalType	No	read-create	4	Not implemented
ipNetToPhysicalState	No	read-only	None	Not implemented

**Table 367: ipNetToPhysicalTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ipNetToPhysicalRowStatus	No	read-create	None	Not implemented

**Table 368: ipv6ScopeZoneIndexTable**

MIB Objects	Supported	Access	Default	Comments
ipv6ScopeZoneIndexLinkLocal	No	read-only	None	Not implemented
ipv6ScopeZoneIndex3	No	read-only	None	Not implemented
ipv6ScopeZoneIndexAdminLocal	No	read-only	None	Not implemented
ipv6ScopeZoneIndexSiteLocal	No	read-only	None	Not implemented
ipv6ScopeZoneIndex6	No	read-only	None	Not implemented
ipv6ScopeZoneIndex7	No	read-only	None	Not implemented
ipv6ScopeZoneIndexOrganizationLocal	No	read-only	None	Not implemented
ipv6ScopeZoneIndex9	No	read-only	None	Not implemented
ipv6ScopeZoneIndexA	No	read-only	None	Not implemented
ipv6ScopeZoneIndexB	No	read-only	None	Not implemented
ipv6ScopeZoneIndexC	No	read-only	None	Not implemented
ipv6ScopeZoneIndexD	No	read-only	None	Not implemented

**Table 369: ipDefaultRouterTable**

MIB Objects	Supported	Access	Default	Comments
ipDefaultRouterLifetime	No	read-only	None	Not implemented
ipDefaultRouterPreference	No	read-only	None	Not implemented

**Table 370: ipv6RouterAdvertTable**

MIB Objects	Supported	Access	Default	Comments
ipv6RouterAdvertSendAdverts	No	read-create	false	Not implemented
ipv6RouterAdvertMaxInterval	No	read-create	600	Not implemented
ipv6RouterAdvertMinInterval	No	read-create	None	Not implemented
ipv6RouterAdvertManagedFlag	No	read-create	false	Not implemented
ipv6RouterAdvertOtherConfigFlag	No	read-create	false	Not implemented
ipv6RouterAdvertLinkMTU	No	read-create	0	Not implemented
ipv6RouterAdvertReachableTime	No	read-create	0	Not implemented
ipv6RouterAdvertRetransmitTime	No	read-create	0	Not implemented
ipv6RouterAdvertCurHopLimit	No	read-create	None	Not implemented
ipv6RouterAdvertDefaultLifetime	No	read-create	None	Not implemented
ipv6RouterAdvertRowStatus	No	read-create	None	Not implemented

**Table 371: icmpStatsTable**

MIB Objects	Supported	Access	Default	Comments
icmpStatsInMsgs	No	read-only	None	Not implemented

**Table 371: icmpStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
icmpStatsInErrors	No	read-only	None	Not implemented
icmpStatsOutMsgs	No	read-only	None	Not implemented
icmpStatsOutErrors	No	read-only	None	Not implemented

**Table 372: icmpMsgStatsTable**

MIB Objects	Supported	Access	Default	Comments
icmpMsgStatsInPkts	No	read-only	None	Not implemented
icmpMsgStatsOutPkts	No	read-only	None	Not implemented

**Table 373: ipAddrTable**

MIB Objects	Supported	Access	Default	Comments
ipAdEntIfIndex	No	read-only	None	deprecated
ipAdEntNetMask	No	read-only	None	deprecated
ipAdEntBcastAddr	No	read-only	None	deprecated
ipAdEntReasmMaxSize	No	read-only	None	deprecated

**Table 374: ipNetToMediaTable**

MIB Objects	Supported	Access	Default	Comments
ipNetToMediaPhysAddress	No	read-create	None	deprecated
ipNetToMediaType	No	read-create	None	deprecated

## 7.2 IP-FORWARD-MIB (RFC 2096)

**Table 375: ipForward**

MIB Objects	Supported	Access	Default	Comments
ipForwardNumber	No	read-only	None	obsolete
ipCidrRouteNumber	No	read-only	None	deprecated
inetCidrRouteNumber	Yes	read-only	None	As per MIB
inetCidrRouteDiscards	Yes	read-only	None	As per MIB

**Table 376: inetCidrRouteTable**

MIB Objects	Supported	Access	Default	Comments
inetCidrRouteIfIndex	Yes	read-create	None	Read-only
inetCidrRouteType	Yes	read-create	None	Read-only
inetCidrRouteProto	Yes	read-only	None	As per MIB
inetCidrRouteAge	Yes	read-only	None	As per MIB
inetCidrRouteNextHopAS	Yes	read-create	0	Read-only
inetCidrRouteMetric1	Yes	read-create	-1	Read-only

**Table 376: inetCidrRouteTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
inetCidrRouteMetric2	Yes	read-create	-1	Read-only
inetCidrRouteMetric3	Yes	read-create	-1	Read-only
inetCidrRouteMetric4	Yes	read-create	-1	Read-only
inetCidrRouteMetric5	Yes	read-create	-1	Read-only
inetCidrRouteStatus	Yes	read-create	None	Read-only

**Table 377: ipCidrRouteTable**

MIB Objects	Supported	Access	Default	Comments
ipCidrRouteIfIndex	No	read-create	0	deprecated
ipCidrRouteType	No	read-create	None	deprecated
ipCidrRouteProto	No	read-only	None	deprecated
ipCidrRouteAge	No	read-only	0	deprecated
ipCidrRouteInfo	No	read-create	None	deprecated
ipCidrRouteNextHopAS	No	read-create	0	deprecated
ipCidrRouteMetric1	No	read-create	-1	deprecated
ipCidrRouteMetric2	No	read-create	-1	deprecated
ipCidrRouteMetric3	No	read-create	-1	deprecated
ipCidrRouteMetric4	No	read-create	-1	deprecated
ipCidrRouteMetric5	No	read-create	-1	deprecated
ipCidrRouteStatus	No	read-create	None	deprecated

**Table 378: ipForwardTable**

MIB Objects	Supported	Access	Default	Comments
ipForwardMask	No	read-create	'00000000'H	obsolete
ipForwardIfIndex	No	read-create	0	obsolete
ipForwardType	No	read-create	2	obsolete
ipForwardAge	No	read-only	0	obsolete
ipForwardInfo	No	read-create	None	obsolete
ipForwardNextHopAS	No	read-create	0	obsolete
ipForwardMetric1	No	read-create	-1	obsolete
ipForwardMetric2	No	read-create	-1	obsolete
ipForwardMetric3	No	read-create	-1	obsolete
ipForwardMetric4	No	read-create	-1	obsolete
ipForwardMetric5	No	read-create	-1	obsolete

## 7.3 FASTPATH-ROUTE-POLICY-MIB

**Table 379: fastpathRoutePolicyNameTable**

MIB Objects	Supported	Access	Default	Comments
fastpathRoutePolicyNameRowStatus	Yes	read-create	None	As per MIB

**Table 380: fastpathRoutePolicyStatementTable**

MIB Objects	Supported	Access	Default	Comments
fastpathRoutePolicyStmntMatchIpv4AcLList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntMatchIpv4AcLDelList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntMatchMacAcLList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntMatchMacAcLDelList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntMatchPacketLengthRangeMin	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntMatchPacketLengthRangeMax	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetIpNextHopList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetIpNextHopDelList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetDefaultIpNextHopList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetDefaultIpNextHopDelList	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetIpPrecedence	Yes	read-write	None	As per MIB
fastpathRoutePolicyStmntSetIntfNull0	Yes	read-write	None	As per MIB

**Table 381: fastpathRoutePolicyIfTable**

MIB Objects	Supported	Access	Default	Comments
fastpathRoutePolicyIfRowStatus	Yes	read-create	None	As per MIB

## 7.4 FASTPATH-ROUTING-MIB

**Table 382: agentSwitchArpGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchArpAgeoutTime	Yes	read-write	1200	As per MIB
agentSwitchArpResponseTime	Yes	read-write	None	As per MIB
agentSwitchArpMaxRetries	Yes	read-write	None	As per MIB
agentSwitchArpCacheSize	Yes	read-write	None	As per MIB
agentSwitchArpDynamicRenew	Yes	read-write	1	As per MIB
agentSwitchArpTotalEntryCountCurrent	Yes	read-only	None	As per MIB
agentSwitchArpTotalEntryCountPeak	Yes	read-only	None	As per MIB
agentSwitchArpStaticEntryCountCurrent	Yes	read-only	None	As per MIB
agentSwitchArpStaticEntryCountMax	Yes	read-only	None	As per MIB

**Table 383: agentSwitchArpTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchArpAge	No	read-only	None	obsolete
agentSwitchArpMacAddress	No	read-create	None	obsolete
agentSwitchArpInterface	No	read-create	None	obsolete
agentSwitchArpType	No	read-only	None	obsolete
agentSwitchArpStatus	No	read-write	None	obsolete

**Table 384: agentSwitchIntfArpTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIntfArpAge	Yes	read-only	None	As per MIB
agentSwitchIntfArpMacAddress	Yes	read-create	None	As per MIB
agentSwitchIntfArpType	Yes	read-only	None	As per MIB
agentSwitchIntfArpStatus	Yes	read-create	None	As per MIB

**Table 385: agentSwitchIpGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpRoutingMode	Yes	read-write	None	As per MIB
agentSwitchIpDefaultGateway	Yes	read-write	None	As per MIB
agentSwitchClearIpDefaultGateway	Yes	read-write	None	As per MIB

**Table 386: agentSwitchIpInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpAddressConfigMethod	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceIpAddress	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceNetMask	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceClearIp	Yes	read-write	None	As per MIB

**Table 386: agentSwitchIpInterfaceTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpInterfaceRoutingMode	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceMtuValue	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceBandwidth	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceUnnumberedIfIndex	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceIcmpUnreachables	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceIcmpRedirects	Yes	read-write	None	As per MIB
agentSwitchDhcpOperation	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceSuppressed	Yes	read-only	None	As per MIB
agentSwitchIpInterfaceNumberOfFlaps	Yes	read-only	None	As per MIB
agentSwitchIpInterfaceCurrentPenalty	Yes	read-only	None	As per MIB
agentSwitchIpInterfaceReUseTime	Yes	read-only	None	As per MIB
agentSwitchIpInterfaceAutoStateMode	Yes	read-write	None	As per MIB
agentSwitchIpInterfaceFptiName	Yes	read-only	None	As per MIB

**Table 387: agentSwitchIpRouterDiscoveryTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpRouterDiscoveryAdvertiseMode	Yes	read-write	2	As per MIB
agentSwitchIpRouterDiscoveryMaxAdvertisementInterval	Yes	read-write	600	As per MIB
agentSwitchIpRouterDiscoveryMinAdvertisementInterval	Yes	read-write	450	As per MIB
agentSwitchIpRouterDiscoveryAdvertisementLifetime	Yes	read-write	1800	As per MIB
agentSwitchIpRouterDiscoveryPreferenceLevel	Yes	read-write	0	As per MIB
agentSwitchIpRouterDiscoveryAdvertisementAddress	Yes	read-write	'E0000001'H	As per MIB

**Table 388: agentSwitchIpVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpVlanIfIndex	Yes	read-only	None	As per MIB
agentSwitchIpVlanRoutingStatus	Yes	read-create	None	As per MIB

**Table 389: agentSwitchSecondaryAddressTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSecondaryNetMask	Yes	read-create	None	As per MIB
agentSwitchSecondaryStatus	Yes	read-create	None	As per MIB

**Table 390: agentSwitchHelperAddressTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchHelperStatus	No	read-create	None	obsolete

**Table 391: agentSwitchIplcmpControlGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIplcmpEchoReplyMode	Yes	read-write	None	As per MIB
agentSwitchIplcmpRedirectsMode	Yes	read-write	None	As per MIB
agentSwitchIplcmpRateLimitInterval	Yes	read-write	None	As per MIB
agentSwitchIplcmpRateLimitBurstSize	Yes	read-write	None	As per MIB

**Table 392: agentSwitchIntflpHelperAddressTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIntflpHelperDiscard	No	read-write	None	obsolete
agentSwitchIntflpHelperHitCount	Yes	read-only	None	As per MIB
agentSwitchIntflpHelperStatus	Yes	read-create	None	As per MIB

**Table 393: agentRouterOspfConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentOspfDefaultMetric	Yes	read-write	0	As per MIB
agentOspfDefaultMetricConfigured	Yes	read-write	false	As per MIB
agentOspfDefaultInfoOriginate	Yes	read-write	false	As per MIB
agentOspfDefaultInfoOriginateAlways	Yes	read-write	false	As per MIB
agentOspfDefaultInfoOriginateMetric	Yes	read-write	0	As per MIB
agentOspfDefaultInfoOriginateMetricConfigured	Yes	read-write	None	As per MIB
agentOspfDefaultInfoOriginateMetricType	Yes	read-write	2	As per MIB
agentRouterOspfRFC1583CompatibilityMode	Yes	read-write	1	As per MIB
agentOspfSpfDelayTime	Yes	read-write	5	As per MIB
agentOspfSpfHoldTime	Yes	read-write	10	As per MIB
agentOspfAutoCostRefBw	Yes	read-write	100	As per MIB
agentOspfOpaqueLsaSupport	Yes	read-write	None	As per MIB
agentOspfDefaultPassiveMode	Yes	read-write	false	As per MIB
agentOspfRoutePrefIntraArea	Yes	read-write	110	As per MIB
agentOspfRoutePrefInterArea	Yes	read-write	110	As per MIB
agentOspfRoutePrefExternal	Yes	read-write	110	As per MIB

**Table 394: agentOspfRouteRedistTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfRouteRedistMode	Yes	read-write	2	As per MIB
agentOspfRouteRedistMetric	Yes	read-write	None	As per MIB
agentOspfRouteRedistMetricConfigured	Yes	read-write	None	As per MIB
agentOspfRouteRedistMetricType	Yes	read-write	2	As per MIB
agentOspfRouteRedistTag	Yes	read-write	None	As per MIB
agentOspfRouteRedistSubnets	Yes	read-write	false	As per MIB
agentOspfRouteRedistDistList	Yes	read-write	None	As per MIB

**Table 394: agentOspfRouteRedistTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentOspfRouteRedistDistListConfigured	Yes	read-write	None	As per MIB

**Table 395: agentOspfIfTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfIfAuthKeyId	Yes	read-create	None	As per MIB
agentOspfIfIpMtuIgnoreFlag	Yes	read-write	None	As per MIB
agentOspfIfPassiveMode	Yes	read-write	false	As per MIB
agentOspfIfAdvertiseSecondaries	Yes	read-write	None	As per MIB

**Table 396: agentOspfVirtIfTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfVirtIfAuthKeyId	Yes	read-create	None	As per MIB

**Table 397: agentOspfAreaOpaqueLsdbTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfAreaOpaqueLsdbSequence	Yes	read-only	None	As per MIB
agentOspfAreaOpaqueLsdbAge	Yes	read-only	None	As per MIB
agentOspfAreaOpaqueLsdbChecksum	Yes	read-only	None	As per MIB
agentOspfAreaOpaqueLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 398: agentOspfLocalLsdbTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfLocalLsdbSequence	Yes	read-only	None	As per MIB
agentOspfLocalLsdbAge	Yes	read-only	None	As per MIB
agentOspfLocalLsdbChecksum	Yes	read-only	None	As per MIB
agentOspfLocalLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 399: agentOspfAsLsdbTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfAsLsdbSequence	Yes	read-only	None	As per MIB
agentOspfAsLsdbAge	Yes	read-only	None	As per MIB
agentOspfAsLsdbChecksum	Yes	read-only	None	As per MIB
agentOspfAsLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 400: agentSnmpTrapFlagsConfigGroupLayer3**

MIB Objects	Supported	Access	Default	Comments
agentSnmpVRRPNewMasterTrapFlag	Yes	read-write	None	As per MIB
agentSnmpVRRPAuthFailureTrapFlag	Yes	read-write	None	As per MIB

**Table 401: agentBootpDhcpRelayGroup**

MIB Objects	Supported	Access	Default	Comments
agentBootpDhcpRelayMaxHopCount	Yes	read-write	4	As per MIB
agentBootpDhcpRelayForwardingIp	No	read-write	None	obsolete
agentBootpDhcpRelayForwardMode	No	read-write	None	obsolete
agentBootpDhcpRelayMinWaitTime	Yes	read-write	None	As per MIB
agentBootpDhcpRelayCircuitIdOptionMode	Yes	read-write	None	As per MIB
agentBootpDhcpRelayNumOfRequestsReceived	No	read-only	None	obsolete
agentBootpDhcpRelayNumOfRequestsForwarded	No	read-only	None	obsolete
agentBootpDhcpRelayNumOfDiscards	No	read-only	None	obsolete

**Table 402: agentECMPGroup**

MIB Objects	Supported	Access	Default	Comments
agentECMPOspfMaxPaths	Yes	read-write	4	As per MIB

**Table 403: agentRouterVrrpConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentRouterVrrpAdminState	Yes	read-write	None	As per MIB

**Table 404: agentRouterVrrpConfiguredTable**

MIB Objects	Supported	Access	Default	Comments
agentRouterVrrpConfiguredPriority	Yes	read-only	None	As per MIB

**Table 405: agentRouterVrrpOperTable**

MIB Objects	Supported	Access	Default	Comments
agentRouterVrrpOperPriority	No	read-only	None	obsolete

**Table 406: agentRouterVrrpTrackIntfTable**

MIB Objects	Supported	Access	Default	Comments
agentRouterVrrpTrackIfPrioDec	Yes	read-create	10	As per MIB
agentRouterVrrpTrackIfState	Yes	read-only	None	As per MIB
agentRouterVrrpTrackIfStatus	Yes	read-create	None	As per MIB

**Table 407: agentRouterVrrpTrackRouteTable**

MIB Objects	Supported	Access	Default	Comments
agentRouterVrrpTrackRtPrioDec	Yes	read-create	10	As per MIB
agentRouterVrrpTrackRtReachable	Yes	read-only	None	As per MIB
agentRouterVrrpTrackRtStatus	Yes	read-create	None	As per MIB

**Table 408: agentIpHelperGroup**

MIB Objects	Supported	Access	Default	Comments
agentIpHelperAdminMode	Yes	read-write	None	As per MIB
agentDhcpClientMsgsReceived	Yes	read-only	None	As per MIB
agentDhcpClientMsgsRelayed	Yes	read-only	None	As per MIB
agentDhcpServerMsgsReceived	Yes	read-only	None	As per MIB
agentDhcpServerMsgsRelayed	Yes	read-only	None	As per MIB
agentUdpClientMsgsReceived	Yes	read-only	None	As per MIB
agentUdpClientMsgsRelayed	Yes	read-only	None	As per MIB
agentUdpClientMsgsTtlExpired	Yes	read-only	None	As per MIB
agentUdpClientMsgsDiscarded	Yes	read-only	None	As per MIB

**Table 409: agentSwitchIpHelperAddressTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchIpHelperHitCount	Yes	read-only	None	As per MIB
agentSwitchIpHelperStatus	Yes	read-create	None	As per MIB

**Table 410: agentInternalVlanGroup**

MIB Objects	Supported	Access	Default	Comments
agentInternalVlanBase	Yes	read-write	4093	As per MIB
agentInternalVlanPolicy	Yes	read-write	1	As per MIB

**Table 411: agentSwitchInternalVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchInternalVlanIfIndex	Yes	read-only	None	As per MIB

**Table 412: agentOspfQueueTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfQueueName	Yes	read-only	None	As per MIB
agentOspfQueueLength	No	read-only	None	Not Implemented
agentOspfQueueHigh	No	read-only	None	Not Implemented
agentOspfQueueDrops	No	read-only	None	Not Implemented
agentOspfQueueLimit	No	read-only	None	Not Implemented

**Table 413: agentOspfPacketStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentOspfCountersCleared	Yes	read-only	None	As per MIB
agentOspfLsaRetxCount	Yes	read-only	None	As per MIB
agentOspfHelloRx	Yes	read-only	None	As per MIB
agentOspfHelloTx	Yes	read-only	None	As per MIB
agentOspfDdRx	Yes	read-only	None	As per MIB
agentOspfDdTx	Yes	read-only	None	As per MIB
agentOspfLsReqRx	Yes	read-only	None	As per MIB
agentOspfLsReqTx	Yes	read-only	None	As per MIB
agentOspfLsUpdatesRx	Yes	read-only	None	As per MIB
agentOspfLsUpdatesTx	Yes	read-only	None	As per MIB
agentOspfLsAckRx	Yes	read-only	None	As per MIB
agentOspfLsAckTx	Yes	read-only	None	As per MIB
agentOspfLsUpdatesRxMax	Yes	read-only	None	As per MIB
agentOspfLsUpdatesTxMax	Yes	read-only	None	As per MIB
agentOspfType1LsasRx	Yes	read-only	None	As per MIB
agentOspfType2LsasRx	Yes	read-only	None	As per MIB
agentOspfType3LsasRx	Yes	read-only	None	As per MIB
agentOspfType4LsasRx	Yes	read-only	None	As per MIB
agentOspfType5LsasRx	Yes	read-only	None	As per MIB
agentOspfType7LsasRx	Yes	read-only	None	As per MIB
agentOspfType9LsasRx	Yes	read-only	None	As per MIB
agentOspfType10LsasRx	Yes	read-only	None	As per MIB
agentOspfType11LsasRx	Yes	read-only	None	As per MIB

**Table 414: agentOspfSpfStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentOspfSpfStatsDeltaT	No	read-only	None	Not Implemented
agentOspfSpfStatsIntra	No	read-only	None	Not Implemented
agentOspfSpfStatsSumm	No	read-only	None	Not Implemented
agentOspfSpfStatsExt	No	read-only	None	Not Implemented
agentOspfSpfStatsSpfTotal	No	read-only	None	Not Implemented
agentOspfSpfStatsRibUpdate	No	read-only	None	Not Implemented
agentOspfSpfStatsReason	Yes	read-only	None	As per MIB

**Table 415: agentRoutingHeapGroup**

MIB Objects	Supported	Access	Default	Comments
agentRoutingHeapSize	Yes	read-only	None	As per MIB
agentRoutingHeapInUse	Yes	read-only	None	As per MIB
agentRoutingHeapHigh	Yes	read-only	None	As per MIB

**Table 416: agentRoutingTableSummaryGroup**

MIB Objects	Supported	Access	Default	Comments
agentConnectedRoutes	Yes	read-only	None	As per MIB
agentStaticRoutes	Yes	read-only	None	As per MIB
agentRipRoutes	Yes	read-only	None	As per MIB
agentOspfRoutes	Yes	read-only	None	As per MIB
agentOspfIntraRoutes	Yes	read-only	None	As per MIB
agentOspfInterRoutes	Yes	read-only	None	As per MIB
agentOspfExt1Routes	Yes	read-only	None	As per MIB
agentOspfExt2Routes	Yes	read-only	None	As per MIB
agentBgpRoutes	Yes	read-only	None	As per MIB
agentEbgpRoutes	Yes	read-only	None	As per MIB
agentIbgpRoutes	Yes	read-only	None	As per MIB
agentLocalBgpRoutes	Yes	read-only	None	As per MIB
agentRejectRoutes	Yes	read-only	None	As per MIB
agentTotalRoutes	Yes	read-only	None	As per MIB
agentBestRoutes	Yes	read-only	None	As per MIB
agentBestRoutesHigh	Yes	read-only	None	As per MIB
agentAlternateRoutes	Yes	read-only	None	As per MIB
agentRouteAdds	Yes	read-only	None	As per MIB
agentRouteModifies	Yes	read-only	None	As per MIB
agentRouteDeletes	Yes	read-only	None	As per MIB
agentUnresolvedRouteAdds	Yes	read-only	None	As per MIB
agentInvalidRouteAdds	Yes	read-only	None	As per MIB
agentFailedRouteAdds	Yes	read-only	None	As per MIB
agentReservedLocals	Yes	read-only	None	As per MIB
agentUniqueNextHops	Yes	read-only	None	As per MIB
agentUniqueNextHopsHigh	Yes	read-only	None	As per MIB
agentNextHopGroups	Yes	read-only	None	As per MIB
agentNextHopGroupsHigh	Yes	read-only	None	As per MIB
agentEcmpGroups	Yes	read-only	None	As per MIB
agentEcmpGroupsHigh	Yes	read-only	None	As per MIB
agentEcmpRoutes	Yes	read-only	None	As per MIB
agentTruncEcmpRoutes	Yes	read-only	None	As per MIB
agentEcmpRetries	Yes	read-only	None	As per MIB

**Table 417: agentEcmpCountTable**

MIB Objects	Supported	Access	Default	Comments
agentEcmpRouteCount	No	read-only	None	Not Implemented

**Table 418: agentOspfStubRouterGroup**

MIB Objects	Supported	Access	Default	Comments
ospfStubRouterAdvertisement	Yes	read-only	None	As per MIB
agentOspfStubRouterReason	Yes	read-only	None	As per MIB
agentOspfStubRouterStartupTimeRemaining	Yes	read-only	None	As per MIB
agentOspfStubRouterDuration	Yes	read-only	None	As per MIB

**Table 419: agentVrfTrapConfigGroup**

MIB Objects	Supported	Access	Default	Comments
vrfName	No	read-only	None	Not Implemented
appName	No	read-only	None	Not Implemented

**Table 420: fastPathRoutingTraps**

MIB Objects	Supported	Access	Default	Comments
vrfMaxRoutesReachedTrap	Yes	—	—	As per MIB
vrfApplicationRestartedTrap	Yes	—	—	As per MIB

## 7.5 OSPF-MIB (RFC 1850)

**Table 421: ospfGeneralGroup**

MIB Objects	Supported	Access	Default	Comments
ospfRouterId	Yes	read-write	None	As per MIB
ospfAdminStat	Yes	read-write	None	As per MIB
ospfVersionNumber	Yes	read-only	None	As per MIB
ospfAreaBdrRtrStatus	Yes	read-only	None	As per MIB
ospfASBdrRtrStatus	Yes	read-write	None	As per MIB
ospfExternLsaCount	Yes	read-only	None	As per MIB
ospfExternLsaCksumSum	Yes	read-only	None	As per MIB
ospfTOSSupport	Yes	read-write	None	As per MIB
ospfOriginateNewLsas	Yes	read-only	None	As per MIB
ospfRxNewLsas	Yes	read-only	None	As per MIB
ospfExtLsdbLimit	Yes	read-write	-1	As per MIB
ospfMulticastExtensions	Yes	read-write	0	As per MIB
ospfExitOverflowInterval	Yes	read-write	0	As per MIB
ospfDemandExtensions	Yes	read-write	None	As per MIB

**Table 422: ospfAreaTable**

MIB Objects	Supported	Access	Default	Comments
ospfAuthType	No	read-create	0	obsolete
ospfImportAsExtern	Yes	read-create	1	As per MIB
ospfSpfRuns	Yes	read-only	None	As per MIB
ospfAreaBdrRtrCount	Yes	read-only	None	As per MIB
ospfAsBdrRtrCount	Yes	read-only	None	As per MIB
ospfAreaLsaCount	Yes	read-only	None	As per MIB
ospfAreaLsaCksumSum	Yes	read-only	0	As per MIB
ospfAreaSummary	Yes	read-create	1	As per MIB
ospfAreaStatus	Yes	read-create	None	Read-only

**Table 423: ospfStubAreaTable**

MIB Objects	Supported	Access	Default	Comments
ospfStubMetric	Yes	read-create	None	As per MIB
ospfStubStatus	Yes	read-create	None	As per MIB
ospfStubMetricType	No	read-create	1	No implemented

**Table 424: ospfLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfLsdbSequence	Yes	read-only	None	As per MIB
ospfLsdbAge	Yes	read-only	None	As per MIB
ospfLsdbChecksum	Yes	read-only	None	As per MIB

**Table 424: ospfLsdbTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ospfLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 425: ospfAreaRangeTable**

MIB Objects	Supported	Access	Default	Comments
ospfAreaRangeMask	No	read-create	None	obsolete
ospfAreaRangeStatus	No	read-create	None	obsolete
ospfAreaRangeEffect	No	read-create	1	obsolete

**Table 426: ospfHostTable**

MIB Objects	Supported	Access	Default	Comments
ospfHostMetric	Yes	read-create	None	As per MIB
ospfHostStatus	Yes	read-create	None	As per MIB
ospfHostAreaID	Yes	read-only	None	As per MIB

**Table 427: ospfIfTable**

MIB Objects	Supported	Access	Default	Comments
ospfIfAreaId	Yes	read-create	'00000000'H	As per MIB
ospfIfType	Yes	read-create	None	As per MIB
ospfIfAdminStat	Yes	read-create	1	As per MIB
ospfIfRtrPriority	Yes	read-create	1	As per MIB
ospfIfTransitDelay	Yes	read-create	1	As per MIB
ospfIfRetransInterval	Yes	read-create	5	As per MIB
ospfIfHelloInterval	Yes	read-create	10	As per MIB
ospfIfRtrDeadInterval	Yes	read-create	40	As per MIB
ospfIfPollInterval	No	read-create	120	No implemented
ospfIfState	Yes	read-only	1	As per MIB
ospfIfDesignatedRouter	Yes	read-only	'00000000'H	As per MIB
ospfIfBackupDesignatedRouter	Yes	read-only	'00000000'H	As per MIB
ospfIfEvents	Yes	read-only	None	As per MIB
ospfIfAuthKey	Yes	read-create	'0000000000000000'H	As per MIB
ospfIfStatus	Yes	read-create	None	As per MIB
ospfIfMulticastForwarding	Yes	read-create	1	Read-only
ospfIfDemand	No	read-create	false	No implemented
ospfIfAuthType	Yes	read-create	0	As per MIB

**Table 428: ospfIfMetricTable**

MIB Objects	Supported	Access	Default	Comments
ospfIfMetricValue	Yes	read-create	None	As per MIB
ospfIfMetricStatus	Yes	read-create	None	Read-only

**Table 429: ospfVirtIfTable**

MIB Objects	Supported	Access	Default	Comments
ospfVirtIfTransitDelay	Yes	read-create	1	As per MIB
ospfVirtIfRetransInterval	Yes	read-create	5	As per MIB
ospfVirtIfHelloInterval	Yes	read-create	10	As per MIB
ospfVirtIfRtrDeadInterval	Yes	read-create	60	As per MIB
ospfVirtIfState	Yes	read-only	1	As per MIB
ospfVirtIfEvents	Yes	read-only	None	As per MIB
ospfVirtIfAuthKey	Yes	read-create	'0000000000000000'H	As per MIB
ospfVirtIfStatus	Yes	read-create	None	As per MIB
ospfVirtIfAuthType	Yes	read-create	0	As per MIB

**Table 430: ospfNbrTable**

MIB Objects	Supported	Access	Default	Comments
ospfNbrRtrId	Yes	read-only	'00000000'H	As per MIB
ospfNbrOptions	Yes	read-only	0	As per MIB
ospfNbrPriority	Yes	read-create	1	Read-only
ospfNbrState	Yes	read-only	1	As per MIB
ospfNbrEvents	Yes	read-only	None	As per MIB
ospfNbrLsRetransQLen	Yes	read-only	None	As per MIB
ospfNbmaNbrStatus	Yes	read-create	None	Read-only
ospfNbmaNbrPermanence	Yes	read-only	2	As per MIB
ospfNbrHelloSuppressed	Yes	read-only	None	As per MIB

**Table 431: ospfVirtNbrTable**

MIB Objects	Supported	Access	Default	Comments
ospfVirtNbrIpAddr	Yes	read-only	None	As per MIB
ospfVirtNbrOptions	Yes	read-only	None	As per MIB
ospfVirtNbrState	Yes	read-only	None	As per MIB
ospfVirtNbrEvents	Yes	read-only	None	As per MIB
ospfVirtNbrLsRetransQLen	Yes	read-only	None	As per MIB
ospfVirtNbrHelloSuppressed	Yes	read-only	None	As per MIB

**Table 432: ospfExtLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfExtLsdbSequence	Yes	read-only	None	As per MIB
ospfExtLsdbAge	Yes	read-only	None	As per MIB
ospfExtLsdbChecksum	Yes	read-only	None	As per MIB
ospfExtLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 433: ospfAreaAggregateTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
ospfAreaAggregateStatus	Yes	read-create	None	As per MIB
ospfAreaAggregateEffect	Yes	read-create	1	As per MIB

## 7.6 OSPF-TRAP-MIB

**Table 434: ospfTrapControl**

MIB Objects	Supported	Access	Default	Comments
ospfSetTrap	Yes	read-write	None	As per MIB
ospfConfigErrorType	No	read-only	None	Not implemented
ospfPacketType	No	read-only	None	Not implemented
ospfPacketSrc	No	read-only	None	Not implemented

**Table 435: ospfTraps**

MIB Objects	Supported	Access	Default	Comments
ospfVirtIfStateChange	Yes	—	—	As per MIB
ospfNbrStateChange	Yes	—	—	As per MIB
ospfVirtNbrStateChange	Yes	—	—	As per MIB
ospfIfConfigError	Yes	—	—	As per MIB
ospfVirtIfConfigError	Yes	—	—	As per MIB
ospfIfAuthFailure	Yes	—	—	As per MIB
ospfVirtIfAuthFailure	Yes	—	—	As per MIB
ospfIfRxBadPacket	Yes	—	—	As per MIB
ospfVirtIfRxBadPacket	Yes	—	—	As per MIB
ospfTxRetransmit	Yes	—	—	As per MIB
ospfVirtIfTxRetransmit	Yes	—	—	As per MIB
ospfOriginateLsa	Yes	—	—	As per MIB
ospfMaxAgeLsa	Yes	—	—	As per MIB
ospfLsdbOverflow	Yes	—	—	As per MIB
ospfLsdbApproachingOverflow	Yes	—	—	As per MIB
ospfIfStateChange	Yes	—	—	As per MIB

## 7.7 VRRP-MIB (RFC 2787)

**Table 436: vrrpOperations**

MIB Objects	Supported	Access	Default	Comments
vrrpNodeVersion	Yes	read-only	None	As per MIB
vrrpNotificationCntl	Yes	read-write	1	As per MIB
vrrpTrapPacketSrc	Yes	accessible-for-notify	None	As per MIB
vrrpTrapAuthErrorType	Yes	accessible-for-notify	None	As per MIB

**Table 437: vrrpStatistics**

MIB Objects	Supported	Access	Default	Comments
vrrpRouterChecksumErrors	Yes	read-only	None	As per MIB
vrrpRouterVersionErrors	Yes	read-only	None	As per MIB
vrrpRouterVrldErrors	Yes	read-only	None	As per MIB

**Table 438: vrrpOperTable**

MIB Objects	Supported	Access	Default	Comments
vrrpOperVirtualMacAddr	Yes	read-only	None	As per MIB
vrrpOperState	Yes	read-only	None	As per MIB
vrrpOperAdminState	Yes	read-create	2	As per MIB
vrrpOperPriority	Yes	read-create	100	As per MIB
vrrpOperIpAddrCount	Yes	read-only	None	As per MIB
vrrpOperMasterIpAddr	Yes	read-only	None	As per MIB
vrrpOperPrimaryIpAddr	Yes	read-create	'00000000'H	As per MIB
vrrpOperAuthType	Yes	read-create	1	As per MIB
vrrpOperAuthKey	Yes	read-create	None	As per MIB
vrrpOperAdvertisementInterval	Yes	read-create	1	As per MIB
vrrpOperPreemptMode	Yes	read-create	true	As per MIB
vrrpOperVirtualRouterUpTime	Yes	read-only	None	As per MIB
vrrpOperProtocol	Yes	read-create	1	As per MIB
vrrpOperRowStatus	Yes	read-create	None	As per MIB
vrrpOperAcceptMode	Yes	read-create	true	As per MIB

**Table 439: vrrpAssolpAddrTable**

MIB Objects	Supported	Access	Default	Comments
vrrpAssolpAddrRowStatus	Yes	read-create	None	As per MIB

**Table 440: vrrpRouterStatsTable**

MIB Objects	Supported	Access	Default	Comments
vrrpStatsBecomeMaster	Yes	read-only	None	As per MIB
vrrpStatsAdvertiseRcvd	Yes	read-only	None	As per MIB
vrrpStatsAdvertiseIntervalErrors	Yes	read-only	None	As per MIB
vrrpStatsAuthFailures	Yes	read-only	None	As per MIB
vrrpStatsIpTtlErrors	Yes	read-only	None	As per MIB
vrrpStatsPriorityZeroPktsRcvd	Yes	read-only	None	As per MIB
vrrpStatsPriorityZeroPktsSent	Yes	read-only	None	As per MIB
vrrpStatsInvalidTypePktsRcvd	Yes	read-only	None	As per MIB
vrrpStatsAddressListErrors	Yes	read-only	None	As per MIB
vrrpStatsInvalidAuthType	Yes	read-only	None	As per MIB
vrrpStatsAuthTypeMismatch	Yes	read-only	None	As per MIB
vrrpStatsPacketLengthErrors	Yes	read-only	None	As per MIB

**Table 441: vrrpNotifications**

MIB Objects	Supported	Access	Default	Comments
vrrpTrapNewMaster	Yes	—	—	As per MIB
vrrpTrapAuthFailure	Yes	—	—	As per MIB

## 7.8 FASTPATH-LOOPBACK-MIB

**Table 442: agentLoopbackTable**

MIB Objects	Supported	Access	Default	Comments
agentLoopbackIfIndex	Yes	read-only	None	As per MIB
agentLoopbackIPAddress	Yes	read-write	None	As per MIB
agentLoopbackIPSubnet	Yes	read-write	None	As per MIB
agentLoopbackStatus	Yes	read-create	None	As per MIB

## 7.9 VRRPV3-MIB

**Table 443: vrrpv3Statistics**

MIB Objects	Supported	Access	Default	Comments
vrrpv3RouterChecksumErrors	Yes	read-only	None	As per MIB
vrrpv3RouterVersionErrors	Yes	read-only	None	As per MIB
vrrpv3RouterVrldErrors	Yes	read-only	None	As per MIB
vrrpv3GlobalStatisticsDiscontinuityTime	Yes	read-only	None	As per MIB

**Table 444: vrrpv3OperationsTable**

MIB Objects	Supported	Access	Default	Comments
vrrpv3OperationsMasterIpAddr	Yes	read-only	None	As per MIB
vrrpv3OperationsPrimaryIpAddr	Yes	read-create	None	As per MIB
vrrpv3OperationsVirtualMacAddr	Yes	read-only	None	As per MIB
vrrpv3OperationsStatus	Yes	read-only	None	As per MIB
vrrpv3OperationsPriority	Yes	read-create	100	As per MIB
vrrpv3OperationsAddrCount	Yes	read-only	None	As per MIB
vrrpv3OperationsAdvInterval	Yes	read-create	100	As per MIB
vrrpv3OperationsPreemptMode	Yes	read-create	true	As per MIB
vrrpv3OperationsAcceptMode	Yes	read-create	false	As per MIB
vrrpv3OperationsUpTime	Yes	read-only	None	As per MIB
vrrpv3OperationsRowStatus	Yes	read-create	None	As per MIB

**Table 445: vrrpv3AssociatedIpAddrTable**

MIB Objects	Supported	Access	Default	Comments
vrrpv3AssociatedIpAddrRowStatus	Yes	read-create	None	As per MIB

**Table 446: vrrpv3StatisticsTable**

MIB Objects	Supported	Access	Default	Comments
vrrpv3StatisticsMasterTransitions	Yes	read-only	None	As per MIB
vrrpv3StatisticsNewMasterReason	Yes	read-only	None	As per MIB
vrrpv3StatisticsRcvdAdvertisements	Yes	read-only	None	As per MIB
vrrpv3StatisticsAdvIntervalErrors	Yes	read-only	None	As per MIB
vrrpv3StatisticsIpTtlErrors	Yes	read-only	None	As per MIB
vrrpv3StatisticsProtoErrReason	Yes	read-only	None	As per MIB
vrrpv3StatisticsRcvdPriZeroPackets	Yes	read-only	None	As per MIB
vrrpv3StatisticsSentPriZeroPackets	Yes	read-only	None	As per MIB
vrrpv3StatisticsRcvdInvalidTypePackets	Yes	read-only	None	As per MIB
vrrpv3StatisticsAddressListErrors	Yes	read-only	None	As per MIB
vrrpv3StatisticsPacketLengthErrors	Yes	read-only	None	As per MIB
vrrpv3StatisticsRowDiscontinuityTime	Yes	read-only	None	As per MIB
vrrpv3StatisticsRefreshRate	Yes	read-only	None	As per MIB

**Table 447: vrrpv3Notifications**

MIB Objects	Supported	Access	Default	Comments
vrrpv3NewMaster	Yes	—	—	As per MIB
vrrpv3ProtoError	Yes	—	—	As per MIB

## 7.10 OSPFV3-MIB

**Table 448: ospfv3GeneralGroup**

MIB Objects	Supported	Access	Default	Comments
ospfv3RouterId	Yes	read-write	None	As per MIB
ospfv3AdminStatus	Yes	read-write	None	As per MIB
ospfv3VersionNumber	Yes	read-only	None	As per MIB
ospfv3AreaBdrRtrStatus	Yes	read-only	None	As per MIB
ospfv3ASBdrRtrStatus	Yes	read-write	None	As per MIB
ospfv3AsScopeLsaCount	Yes	read-only	None	As per MIB
ospfv3AsScopeLsaCksumSum	Yes	read-only	None	As per MIB
ospfv3OriginateNewLsas	Yes	read-only	None	As per MIB
ospfv3RxNewLsas	Yes	read-only	None	As per MIB
ospfv3ExtLsaCount	Yes	read-only	None	As per MIB
ospfv3ExtAreaLsdbLimit	Yes	read-write	None	As per MIB
ospfv3ExitOverflowInterval	Yes	read-write	None	As per MIB
ospfv3DemandExtensions	Yes	read-write	None	As per MIB
ospfv3ReferenceBandwidth	Yes	read-write	100000	As per MIB
ospfv3RestartSupport	Yes	read-write	None	As per MIB
ospfv3RestartInterval	Yes	read-write	None	As per MIB
ospfv3RestartStrictLsaChecking	Yes	read-write	true	As per MIB
ospfv3RestartStatus	Yes	read-only	None	As per MIB
ospfv3RestartAge	Yes	read-only	None	As per MIB
ospfv3RestartExitReason	Yes	read-only	None	As per MIB
ospfv3NotificationEnable	Yes	read-write	None	As per MIB
ospfv3StubRouterSupport	Yes	read-only	None	As per MIB
ospfv3StubRouterAdvertisement	No	read-write	1	Not implemented
ospfv3DiscontinuityTime	No	read-only	None	Not implemented
ospfv3RestartTime	No	read-only	None	Not implemented

**Table 449: ospfv3NotificationTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3ConfigErrorType	Yes	accessible-for-notify	None	As per MIB
ospfv3PacketType	Yes	accessible-for-notify	None	As per MIB
ospfv3PacketSrc	Yes	accessible-for-notify	None	As per MIB

**Table 450: ospfv3AreaTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3AreaImportAsExtern	Yes	read-create	1	As per MIB
ospfv3AreaSpfRuns	Yes	read-only	None	As per MIB
ospfv3AreaBdrRtrCount	Yes	read-only	0	As per MIB
ospfv3AreaAsBdrRtrCount	Yes	read-only	0	As per MIB
ospfv3AreaScopeLsaCount	Yes	read-only	0	As per MIB
ospfv3AreaScopeLsaCksumSum	Yes	read-only	None	As per MIB
ospfv3AreaSummary	Yes	read-create	2	As per MIB
ospfv3AreaRowStatus	Yes	read-create	None	Only supported read-only
ospfv3AreaStubMetric	Yes	read-create	None	As per MIB
ospfv3AreaNssaTranslatorRole	Yes	read-create	2	As per MIB
ospfv3AreaNssaTranslatorState	Yes	read-only	None	As per MIB
ospfv3AreaNssaTranslatorStabInterval	Yes	read-create	40	As per MIB
ospfv3AreaNssaTranslatorEvents	No	read-only	None	Not implemented
ospfv3AreaStubMetricType	Yes	read-create	1	As per MIB
ospfv3AreaTEEnabled	No	read-create	false	Not implemented

**Table 451: ospfv3AsLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3AsLsdbSequence	Yes	read-only	None	As per MIB
ospfv3AsLsdbAge	Yes	read-only	None	As per MIB
ospfv3AsLsdbChecksum	Yes	read-only	None	As per MIB
ospfv3AsLsdbAdvertisement	Yes	read-only	None	As per MIB
ospfv3AsLsdbTypeKnown	Yes	read-only	None	As per MIB

**Table 452: ospfv3AreaLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3AreaLsdbSequence	Yes	read-only	None	As per MIB
ospfv3AreaLsdbAge	Yes	read-only	None	As per MIB
ospfv3AreaLsdbChecksum	Yes	read-only	None	As per MIB
ospfv3AreaLsdbAdvertisement	Yes	read-only	None	As per MIB
ospfv3AreaLsdbTypeKnown	Yes	read-only	None	As per MIB

**Table 453: ospfv3LinkLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3LinkLsdbSequence	Yes	read-only	None	As per MIB
ospfv3LinkLsdbAge	Yes	read-only	None	As per MIB
ospfv3LinkLsdbChecksum	Yes	read-only	None	As per MIB
ospfv3LinkLsdbAdvertisement	Yes	read-only	None	As per MIB

**Table 453: ospfv3LinkLsdbTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ospfv3LinkLsdbTypeKnown	Yes	read-only	None	As per MIB

**Table 454: ospfv3HostTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3HostMetric	No	read-create	None	Not implemented
ospfv3HostRowStatus	No	read-create	None	Not implemented
ospfv3HostAreaID	No	read-create	None	Not implemented

**Table 455: ospfv3IfTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3IfAreaId	Yes	read-create	None	As per MIB
ospfv3IfType	Yes	read-create	None	As per MIB
ospfv3IfAdminStatus	Yes	read-create	enabled	As per MIB
ospfv3IfRtrPriority	Yes	read-create	1	As per MIB
ospfv3IfTransitDelay	Yes	read-create	None	As per MIB
ospfv3IfRetransInterval	Yes	read-create	None	As per MIB
ospfv3IfHelloInterval	Yes	read-create	10	As per MIB
ospfv3IfRtrDeadInterval	Yes	read-create	None	As per MIB
ospfv3IfPollInterval	Yes	read-create	120	As per MIB
ospfv3IfState	Yes	read-only	None	As per MIB
ospfv3IfDesignatedRouter	Yes	read-only	None	As per MIB
ospfv3IfBackupDesignatedRouter	Yes	read-only	None	As per MIB
ospfv3IfEvents	Yes	read-only	None	As per MIB
ospfv3IfRowStatus	Yes	read-create	None	As per MIB
ospfv3IfDemand	Yes	read-create	false	As per MIB
ospfv3IfMetricValue	Yes	read-create	None	As per MIB
ospfv3IfLinkScopeLsaCount	Yes	read-only	None	As per MIB
ospfv3IfLinkLsaCksumSum	Yes	read-only	None	As per MIB
ospfv3IfDemandNbrProbe	No	read-create	false	Not implemented
ospfv3IfDemandNbrProbeRetransLimit	No	read-create	10	Not implemented
ospfv3IfDemandNbrProbeInterval	No	read-create	120	Not implemented
ospfv3IfTEDisabled	No	read-create	false	Not implemented
ospfv3IfLinkLSASuppression	Yes	read-create	false	As per MIB

**Table 456: ospfv3VirtIfTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3VirtIfIndex	Yes	read-only	None	As per MIB
ospfv3VirtIfInstId	No	read-only	None	Not implemented
ospfv3VirtIfTransitDelay	Yes	read-create	None	As per MIB
ospfv3VirtIfRetransInterval	Yes	read-create	None	As per MIB

**Table 456: ospfv3VirtIfTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ospfv3VirtIfHelloInterval	Yes	read-create	10	As per MIB
ospfv3VirtIfRtrDeadInterval	Yes	read-create	None	As per MIB
ospfv3VirtIfState	Yes	read-only	None	As per MIB
ospfv3VirtIfEvents	Yes	read-only	None	As per MIB
ospfv3VirtIfRowStatus	Yes	read-create	None	As per MIB
ospfv3VirtIfLinkScopeLsaCount	No	read-only	None	Not implemented
ospfv3VirtIfLinkLsaCksumSum	No	read-only	None	Not implemented

**Table 457: ospfv3NbrTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3NbrAddressType	Yes	read-only	None	As per MIB
ospfv3NbrAddress	Yes	read-only	None	As per MIB
ospfv3NbrOptions	Yes	read-only	None	As per MIB
ospfv3NbrPriority	Yes	read-only	None	As per MIB
ospfv3NbrState	Yes	read-only	None	As per MIB
ospfv3NbrEvents	Yes	read-only	None	As per MIB
ospfv3NbrLsRetransQLen	Yes	read-only	None	As per MIB
ospfv3NbrHelloSuppressed	Yes	read-only	None	As per MIB
ospfv3NbrIfId	Yes	read-only	None	As per MIB
ospfv3NbrRestartHelperStatus	Yes	read-only	None	As per MIB
ospfv3NbrRestartHelperAge	Yes	read-only	None	As per MIB
ospfv3NbrRestartHelperExitReason	Yes	read-only	None	As per MIB

**Table 458: ospfv3CfgNbrTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3CfgNbrPriority	No	read-create	1	Not implemented
ospfv3CfgNbrRowStatus	No	read-create	None	Not implemented

**Table 459: ospfv3VirtNbrTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3VirtNbrIfIndex	Yes	read-only	None	As per MIB
ospfv3VirtNbrIfInstId	No	read-only	None	Not implemented
ospfv3VirtNbrAddressType	Yes	read-only	None	As per MIB
ospfv3VirtNbrAddress	Yes	read-only	None	As per MIB
ospfv3VirtNbrOptions	Yes	read-only	None	As per MIB
ospfv3VirtNbrState	Yes	read-only	None	As per MIB
ospfv3VirtNbrEvents	Yes	read-only	None	As per MIB
ospfv3VirtNbrLsRetransQLen	Yes	read-only	None	As per MIB
ospfv3VirtNbrHelloSuppressed	Yes	read-only	None	As per MIB
ospfv3VirtNbrIfId	Yes	read-only	None	As per MIB

**Table 459: ospfv3VirtNbrTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ospfv3VirtNbrRestartHelperStatus	Yes	read-only	None	As per MIB
ospfv3VirtNbrRestartHelperAge	Yes	read-only	None	As per MIB
ospfv3VirtNbrRestartHelperExitReason	Yes	read-only	None	As per MIB

**Table 460: ospfv3AreaAggregateTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3AreaAggregateRowStatus	Yes	read-create	None	As per MIB
ospfv3AreaAggregateEffect	Yes	read-create	1	As per MIB
ospfv3AreaAggregateRouteTag	No	read-create	0	Not implemented

**Table 461: ospfv3VirtLinkLsdbTable**

MIB Objects	Supported	Access	Default	Comments
ospfv3VirtLinkLsdbSequence	No	read-only	None	Not implemented
ospfv3VirtLinkLsdbAge	No	read-only	None	Not implemented
ospfv3VirtLinkLsdbChecksum	No	read-only	None	Not implemented
ospfv3VirtLinkLsdbAdvertisement	No	read-only	None	Not implemented
ospfv3VirtLinkLsdbTypeKnown	No	read-only	None	Not implemented

**Table 462: ospfv3Notifications**

MIB Objects	Supported	Comments
ospfv3VirtIfStateChange	Yes	As per MIB
ospfv3NbrStateChange	Yes	As per MIB
ospfv3VirtNbrStateChange	Yes	As per MIB
ospfv3IfConfigError	Yes	As per MIB
ospfv3VirtIfConfigError	Yes	As per MIB
ospfv3IfRxBadPacket	Yes	As per MIB
ospfv3VirtIfRxBadPacket	Yes	As per MIB
ospfv3LsdbOverflow	Yes	As per MIB
ospfv3LsdbApproachingOverflow	Yes	As per MIB
ospfv3IfStateChange	Yes	As per MIB
ospfv3NssaTranslatorStatusChange	Yes	As per MIB
ospfv3RestartStatusChange	Yes	As per MIB
ospfv3NbrRestartHelperStatusChange	Yes	As per MIB
ospfv3VirtNbrRestartHelperStatusChange	Yes	As per MIB

## Chapter 8: Multicast MIBs

**Table 463: vrrpv3Statistics**

MIB Objects	Supported	Access	Default	Comments
vrrpv3RouterChecksumErrors	Yes	read-only	None	As per MIB
vrrpv3RouterVersionErrors	Yes	read-only	None	As per MIB
vrrpv3RouterVrIdErrors	Yes	read-only	None	As per MIB
vrrpv3GlobalStatisticsDiscontinuityTime	Yes	read-only	None	As per MIB

This section contains the SNMP MIB information for the EFOS multicast package.

### 8.1 DVMRP-STD-MIB

**Table 464: dvmrpScalar**

MIB Objects	Supported	Access	Default	Comments
dvmrpVersionString	Yes	read-only	None	As per MIB
dvmrpGenerationId	No	read-only	None	Not implemented
dvmrpNumRoutes	Yes	read-only	None	As per MIB
dvmrpReachableRoutes	Yes	read-only	None	As per MIB

**Table 465: dvmrpInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
dvmrpInterfaceLocalAddress	Yes	read-only	None	As per MIB
dvmrpInterfaceMetric	Yes	read-create	1	As per MIB
dvmrpInterfaceStatus	Yes	read-create	None	As per MIB
dvmrpInterfaceRcvBadPkts	Yes	read-only	None	As per MIB
dvmrpInterfaceRcvBadRoutes	Yes	read-only	None	As per MIB
dvmrpInterfaceSentRoutes	Yes	read-only	None	As per MIB
dvmrpInterfaceInterfaceKey	Yes	read-create	None	Not implemented
dvmrpInterfaceInterfaceKeyVersion	No	read-create	None	Not implemented

**Table 466: dvmrpNeighborTable**

MIB Objects	Supported	Access	Default	Comments
dvmrpNeighborUpTime	Yes	read-only	None	As per MIB
dvmrpNeighborExpiryTime	Yes	read-only	None	As per MIB
dvmrpNeighborGenerationId	Yes	read-only	None	As per MIB
dvmrpNeighborMajorVersion	Yes	read-only	None	As per MIB
dvmrpNeighborMinorVersion	Yes	read-only	None	As per MIB
dvmrpNeighborCapabilities	Yes	read-only	None	As per MIB
dvmrpNeighborRcvRoutes	Yes	read-only	None	As per MIB

**Table 466: dvmpNeighborTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
dvmpNeighborRcvBadPkts	Yes	read-only	None	As per MIB
dvmpNeighborRcvBadRoutes	Yes	read-only	None	As per MIB
dvmpNeighborState	Yes	read-only	None	As per MIB

**Table 467: dvmpRouteTable**

MIB Objects	Supported	Access	Default	Comments
dvmpRouteUpstreamNeighbor	Yes	read-only	None	As per MIB
dvmpRouteIfIndex	Yes	read-only	None	As per MIB
dvmpRouteMetric	Yes	read-only	None	As per MIB
dvmpRouteExpiryTime	Yes	read-only	None	As per MIB
dvmpRouteUpTime	Yes	read-only	None	As per MIB

**Table 468: dvmpRouteNextHopTable**

MIB Objects	Supported	Access	Default	Comments
dvmpRouteNextHopType	Yes	read-only	None	As per MIB

**Table 469: dvmpPruneTable**

MIB Objects	Supported	Access	Default	Comments
dvmpPruneExpiryTime	Yes	read-only	None	As per MIB

**Table 470: dvmpTraps**

MIB Objects	Supported	Access	Default	Comments
dvmpNeighborLoss	Yes	—	—	As per MIB
dvmpNeighborNotPruning	Yes	—	—	As per MIB

## 8.2 FASTPATH-MULTICAST-MIB

**Table 471: agentMulticastIGMPConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastIGMPAdminMode	Yes	read-write	2	As per MIB

**Table 472: agentMulticastIGMPInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentMulticastIGMPInterfaceAdminMode	No	read-write	2	obsolete

**Table 473: agentMulticastPIMConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastPIMConfigMode	No	read-write	2	obsolete

**Table 474: agentMulticastPIMSMConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastPIMSMAdminMode	Yes	read-write	2	As per MIB

**Table 475: agentMulticastPIMSMStaticRPTable**

MIB Objects	Supported	Access	Default	Comments
agentMulticastPIMSMStaticRPStatus	No	read-create	None	obsolete

**Table 476: agentMulticastPIMSMInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentMulticastPIMSMInterfaceCBSRHashMaskLength	No	read-write	30	obsolete
agentMulticastPIMSMInterfaceCRPPreference	No	read-write	0	obsolete

**Table 477: agentMulticastPIMDMConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastPIMDMAdminMode	Yes	read-write	2	As per MIB

**Table 478: agentMulticastRoutingConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastRoutingAdminMode	Yes	read-write	2	As per MIB

**Table 479: agentMulticastDVMRPConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMulticastDVMRPAdminMode	Yes	read-write	2	As per MIB

**Table 480: agentSnmpTrapFlagsConfigGroupMulticast**

MIB Objects	Supported	Access	Default	Comments
agentSnmpDVMRPTrapFlag	Yes	read-write	2	As per MIB
agentSnmpPIMTrapFlag	Yes	read-write	2	As per MIB

**Table 481: agentIpStaticMRouteTable**

MIB Objects	Supported	Access	Default	Comments
agentIpStaticMRouteRpfIpAddr	Yes	read-create	None	As per MIB
agentIpStaticMRouteIfIndex	Yes	read-create	None	As per MIB
agentIpStaticMRoutePreference	Yes	read-create	None	As per MIB
agentIpStaticMRouteStatus	Yes	read-create	None	As per MIB

**Table 482: agentPIMBsrCandidateConfTable**

MIB Objects	Supported	Access	Default	Comments
pimBsrCandidateBSRAdvInterval	Yes	read-write	None	As per MIB

## 8.3 IPMROUTE-STD-MIB

**Table 483: ipMRoute**

MIB Objects	Supported	Access	Default	Comments
ipMRouteEnable	Yes	read-write	None	As per MIB
ipMRouteEntryCount	Yes	read-only	None	As per MIB

**Table 484: ipMRouteTable**

MIB Objects	Supported	Access	Default	Comments
ipMRouteSourceMask	Yes	not-accessible	None	As per MIB
ipMRouteUpstreamNeighbor	Yes	read-only	None	As per MIB
ipMRouteInIfIndex	Yes	read-only	None	As per MIB
ipMRouteUpTime	Yes	read-only	None	As per MIB
ipMRouteExpiryTime	Yes	read-only	None	As per MIB
ipMRoutePkts	No	read-only	None	Not implemented
ipMRouteDifferentInIfPackets	No	read-only	None	Not implemented
ipMRouteOctets	No	read-only	None	Not implemented
ipMRouteProtocol	Yes	read-only	None	As per MIB
ipMRouteRtProto	Yes	read-only	None	As per MIB
ipMRouteRtAddress	Yes	read-only	None	As per MIB
ipMRouteRtMask	Yes	read-only	None	As per MIB
ipMRouteRtType	Yes	read-only	None	As per MIB
ipMRouteHCOctets	No	read-only	None	Not implemented

**Table 485: ipMRouteNextHopTable**

MIB Objects	Supported	Access	Default	Comments
ipMRouteNextHopState	Yes	read-only	None	As per MIB
ipMRouteNextHopUpTime	No	read-only	None	Not implemented
ipMRouteNextHopExpiryTime	No	read-only	None	Not implemented
ipMRouteNextHopClosestMemberHops	No	read-only	None	Not implemented
ipMRouteNextHopProtocol	No	read-only	None	Not implemented
ipMRouteNextHopPkts	No	read-only	None	Not implemented

**Table 486: ipMRouteInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
ipMRouteInterfaceTtl	Yes	read-write	None	As per MIB
ipMRouteInterfaceProtocol	Yes	read-only	None	As per MIB
ipMRouteInterfaceRateLimit	Yes	read-write	0	As per MIB
ipMRouteInterfaceInMcastOctets	Yes	read-only	None	As per MIB
ipMRouteInterfaceOutMcastOctets	Yes	read-only	None	As per MIB
ipMRouteInterfaceHCInMcastOctets	Yes	read-only	None	As per MIB
ipMRouteInterfaceHCOutMcastOctets	Yes	read-only	None	As per MIB

**Table 487: ipMRouteBoundaryTable**

MIB Objects	Supported	Access	Default	Comments
ipMRouteBoundaryStatus	Yes	read-create	None	As per MIB

**Table 488: ipMRouteScopeNameTable**

MIB Objects	Supported	Access	Default	Comments
ipMRouteScopeNameLanguage	No	not-accessible	None	No Implemented
ipMRouteScopeNameString	No	read-create	None	No Implemented
ipMRouteScopeNameDefault	No	read-create	false	No Implemented
ipMRouteScopeNameStatus	No	read-create	None	No Implemented

## 8.4 MGMTD-STD-MIB (RFC 2933)

**Table 489: mgmdHostInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
mgmdHostInterfaceQuerier	Yes	read-only	None	As per MIB
mgmdHostInterfaceStatus	Yes	read-create	None	As per MIB
mgmdHostInterfaceVersion	Yes	read-create	3	As per MIB
mgmdHostInterfaceVersion1QuerierTimer	Yes	read-only	0	As per MIB
mgmdHostInterfaceVersion2QuerierTimer	Yes	read-only	0	As per MIB

**Table 490: mgmdRouterInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
mgmdRouterInterfaceQuerier	Yes	read-only	None	As per MIB
mgmdRouterInterfaceQueryInterval	Yes	read-create	125	As per MIB
mgmdRouterInterfaceStatus	Yes	read-create	None	As per MIB
mgmdRouterInterfaceVersion	Yes	read-create	3	As per MIB
mgmdRouterInterfaceQueryMaxResponseTime	Yes	read-create	100	As per MIB
mgmdRouterInterfaceQuerierUpTime	Yes	read-only	None	As per MIB
mgmdRouterInterfaceQuerierExpiryTime	Yes	read-only	None	As per MIB
mgmdRouterInterfaceWrongVersionQueries	Yes	read-only	None	As per MIB
mgmdRouterInterfaceJoins	Yes	read-only	None	As per MIB
mgmdRouterInterfaceProxyIfIndex	Yes	read-only	0	As per MIB
mgmdRouterInterfaceGroups	Yes	read-only	None	As per MIB
mgmdRouterInterfaceRobustness	Yes	read-create	2	As per MIB
mgmdRouterInterfaceLastMembQueryIntvl	Yes	read-create	10	As per MIB

**Table 491: mgmdHostCacheTable**

MIB Objects	Supported	Access	Default	Comments
mgmdHostCacheUpTime	Yes	read-only	None	As per MIB
mgmdHostCacheLastReporter	Yes	read-only	None	As per MIB
mgmdHostCacheSourceFilterMode	Yes	read-only	None	As per MIB

**Table 492: mgmdRouterCacheTable**

MIB Objects	Supported	Access	Default	Comments
mgmdRouterCacheLastReporter	Yes	read-only	None	As per MIB
mgmdRouterCacheUpTime	Yes	read-only	None	As per MIB
mgmdRouterCacheExpiryTime	Yes	read-only	None	As per MIB
mgmdRouterCacheVersion1HostTimer	Yes	read-only	None	As per MIB
mgmdRouterCacheVersion2HostTimer	Yes	read-only	None	As per MIB
mgmdRouterCacheSourceFilterMode	Yes	read-only	None	As per MIB

## 8.5 PIM-BSR-MIB (RFC 5240)

**Table 493: pimBsrCandidateRPTable**

MIB Objects	Supported	Access	Default	Comments
pimBsrCandidateRPBidir	No	read-create	false	No Implemented
pimBsrCandidateRPAdvInterval	Yes	read-create	60	As per MIB
pimBsrCandidateRPStatus	Yes	read-create	None	As per MIB

**Table 494: pimBsrElectedBSRRPSetTable**

MIB Objects	Supported	Access	Default	Comments
pimBsrElectedBSRRPSetPriority	Yes	read-only	None	As per MIB
pimBsrElectedBSRRPSetHoldtime	Yes	read-only	None	As per MIB
pimBsrElectedBSRRPSetExpiryTime	Yes	read-only	None	As per MIB

**Table 495: pimBsrCandidateBSRTable**

MIB Objects	Supported	Access	Default	Comments
pimBsrCandidateBSRAddressType	Yes	read-create	None	As per MIB
pimBsrCandidateBSRAddress	Yes	read-create	None	As per MIB
pimBsrCandidateBSRPriority	Yes	read-create	0	As per MIB
pimBsrCandidateBSRHashMaskLength	Yes	read-create	None	As per MIB
pimBsrCandidateBSRElectedBSR	Yes	read-only	None	As per MIB
pimBsrCandidateBSRBootstrapTimer	Yes	read-only	None	As per MIB
pimBsrCandidateBSRStatus	Yes	read-create	None	As per MIB

**Table 496: pimBsrElectedBSRTable**

MIB Objects	Supported	Access	Default	Comments
pimBsrElectedBSRAddressType	Yes	read-only	None	As per MIB
pimBsrElectedBSRAddress	Yes	read-only	None	As per MIB
pimBsrElectedBSRPriority	Yes	read-only	None	As per MIB
pimBsrElectedBSRHashMaskLength	Yes	read-only	None	As per MIB
pimBsrElectedBSRExpiryTime	Yes	read-only	None	As per MIB

**Table 497: pimBsrNotifications**

MIB Objects	Supported	Access	Default	Comments
pimBsrElectedBSRLostElection	Yes	—	—	As per MIB
pimBsrCandidateBSRWinElection	Yes	—	—	As per MIB

## 8.6 PIM-STD-MIB (RFC 5060)

**Table 498: pimInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
pimInterfaceAddressType	Yes	read-only	None	As per MIB
pimInterfaceAddress	Yes	read-only	None	As per MIB
pimInterfaceGenerationIDValue	Yes	read-only	None	As per MIB
pimInterfaceDR	Yes	read-only	None	As per MIB
pimInterfaceDRPriority	Yes	read-create	1	As per MIB
pimInterfaceDRPriorityEnabled	No	read-only	None	No Implemented
pimInterfaceHelloInterval	Yes	read-create	30	As per MIB
pimInterfaceTrigHelloInterval	No	read-create	5	No Implemented
pimInterfaceHelloHoldtime	No	read-create	105	No Implemented
pimInterfaceJoinPruneInterval	Yes	read-create	60	As per MIB
pimInterfaceJoinPruneHoldtime	No	read-create	210	No Implemented
pimInterfaceDFElectionRobustness	No	read-create	3	No Implemented
pimInterfaceLanDelayEnabled	No	read-only	None	No Implemented
pimInterfacePropagationDelay	No	read-create	500	No Implemented
pimInterfaceOverrideInterval	No	read-create	2500	No Implemented
pimInterfaceEffectPropagDelay	No	read-only	None	No Implemented
pimInterfaceEffectOverrideIvl	No	read-only	None	No Implemented
pimInterfaceSuppressionEnabled	No	read-only	None	No Implemented
pimInterfaceBidirCapable	No	read-only	None	No Implemented
pimInterfaceDomainBorder	Yes	read-create	false	As per MIB
pimInterfaceStubInterface	No	read-create	false	No Implemented
pimInterfacePruneLimitInterval	No	read-create	60	No Implemented
pimInterfaceGraftRetryInterval	No	read-create	3	No Implemented
pimInterfaceSRPriorityEnabled	No	read-only	None	No Implemented
pimInterfaceStatus	Yes	read-create	None	As per MIB
pimInterfaceStorageType	No	read-create	nonVolatile	Not implemented

**Table 499: pimNeighborTable**

MIB Objects	Supported	Access	Default	Comments
pimNeighborGenerationIDPresent	No	read-only	None	Not implemented
pimNeighborGenerationIDValue	No	read-only	None	Not implemented
pimNeighborUpTime	Yes	read-only	None	As per MIB
pimNeighborExpiryTime	Yes	read-only	None	As per MIB
pimNeighborDRPriorityPresent	Yes	read-only	None	As per MIB
pimNeighborDRPriority	Yes	read-only	None	As per MIB
pimNeighborLanPruneDelayPresent	No	read-only	None	Not implemented
pimNeighborTBit	No	read-only	None	Not implemented
pimNeighborPropagationDelay	No	read-only	None	Not implemented
pimNeighborOverrideInterval	No	read-only	None	Not implemented
pimNeighborBidirCapable	No	read-only	None	Not implemented

**Table 499: pimNeighborTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
pimNeighborSRCapable	No	read-only	None	Not implemented

**Table 500: pimStarGTable**

MIB Objects	Supported	Access	Default	Comments
pimStarGUpTime	Yes	read-only	None	As per MIB
pimStarGPimMode	Yes	read-only	None	As per MIB
pimStarGRPAddressType	Yes	read-only	None	As per MIB
pimStarGRPAddress	Yes	read-only	None	As per MIB
pimStarGPimModeOrigin	Yes	read-only	None	As per MIB
pimStarGRPIsLocal	Yes	read-only	None	As per MIB
pimStarGUpstreamJoinState	Yes	read-only	None	As per MIB
pimStarGUpstreamJoinTimer	Yes	read-only	None	As per MIB
pimStarGUpstreamNeighborType	Yes	read-only	None	As per MIB
pimStarGUpstreamNeighbor	Yes	read-only	None	As per MIB
pimStarGRPFIIndex	Yes	read-only	None	As per MIB
pimStarGRPFINextHopType	Yes	read-only	None	As per MIB
pimStarGRPFINextHop	Yes	read-only	None	As per MIB
pimStarGRPFIRouteProtocol	Yes	read-only	None	As per MIB
pimStarGRPFIRouteAddress	Yes	read-only	None	As per MIB
pimStarGRPFIRoutePrefixLength	Yes	read-only	None	As per MIB
pimStarGRPFIRouteMetricPref	Yes	read-only	None	As per MIB
pimStarGRPFIRouteMetric	Yes	read-only	None	As per MIB

**Table 501: pimStarGITable**

MIB Objects	Supported	Access	Default	Comments
pimStarGIUpTime	Yes	read-only	None	As per MIB
pimStarGILocalMembership	Yes	read-only	None	As per MIB
pimStarGIJoinPruneState	Yes	read-only	None	As per MIB
pimStarGIJoinPrunePendingTimer	Yes	read-only	None	As per MIB
pimStarGIJoinExpiryTimer	Yes	read-only	None	As per MIB
pimStarGIAssertState	Yes	read-only	None	As per MIB
pimStarGIAssertTimer	Yes	read-only	None	As per MIB
pimStarGIAssertWinnerAddressType	Yes	read-only	None	As per MIB
pimStarGIAssertWinnerAddress	Yes	read-only	None	As per MIB
pimStarGIAssertWinnerMetricPref	Yes	read-only	None	As per MIB
pimStarGIAssertWinnerMetric	Yes	read-only	None	As per MIB

**Table 502: pimSGTable**

MIB Objects	Supported	Access	Default	Comments
pimSGUpTime	Yes	read-only	None	As per MIB

**Table 502: pimSGTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
pimSGPimMode	Yes	read-only	None	As per MIB
pimSGUpstreamJoinState	Yes	read-only	None	As per MIB
pimSGUpstreamJoinTimer	Yes	read-only	None	As per MIB
pimSGUpstreamNeighbor	Yes	read-only	None	As per MIB
pimSGRPfIfIndex	Yes	read-only	None	As per MIB
pimSGRPfNextHopType	Yes	read-only	None	As per MIB
pimSGRPfNextHop	Yes	read-only	None	As per MIB
pimSGRPfRouteProtocol	Yes	read-only	None	As per MIB
pimSGRPfRouteAddress	Yes	read-only	None	As per MIB
pimSGRPfRoutePrefixLength	Yes	read-only	None	As per MIB
pimSGRPfRouteMetricPref	Yes	read-only	None	As per MIB
pimSGRPfRouteMetric	Yes	read-only	None	As per MIB
pimSGSPTBit	Yes	read-only	None	As per MIB
pimSGKeepaliveTimer	Yes	read-only	None	As per MIB
pimSGDRRegisterState	Yes	read-only	None	As per MIB
pimSGDRRegisterStopTimer	Yes	read-only	None	As per MIB
pimSGRPRegisterPMBRAAddressType	Yes	read-only	None	As per MIB
pimSGRPRegisterPMBRAAddress	Yes	read-only	None	As per MIB
pimSGUpstreamPruneState	No	read-only	None	Not implemented
pimSGUpstreamPruneLimitTimer	No	read-only	None	Not implemented
pimSGOriginatorState	No	read-only	None	Not implemented
pimSGSourceActiveTimer	No	read-only	None	Not implemented
pimSGStateRefreshTimer	No	read-only	None	Not implemented

**Table 503: pimSGITable**

MIB Objects	Supported	Access	Default	Comments
pimSGIUpTime	Yes	read-only	None	As per MIB
pimSGILocalMembership	Yes	read-only	None	As per MIB
pimSGIJoinPruneState	Yes	read-only	None	As per MIB
pimSGIPrunePendingTimer	Yes	read-only	None	As per MIB
pimSGIJoinExpiryTimer	Yes	read-only	None	As per MIB
pimSGIAssertState	Yes	read-only	None	As per MIB
pimSGIAssertTimer	Yes	read-only	None	As per MIB
pimSGIAssertWinnerAddressType	Yes	read-only	None	As per MIB
pimSGIAssertWinnerAddress	Yes	read-only	None	As per MIB
pimSGIAssertWinnerMetricPref	Yes	read-only	None	As per MIB
pimSGIAssertWinnerMetric	Yes	read-only	None	As per MIB

**Table 504: pimSGRptTable**

MIB Objects	Supported	Access	Default	Comments
pimSGRptUpTime	Yes	read-only	None	As per MIB

**Table 504: pimSGRptTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
pimSGRptUpstreamPruneState	Yes	read-only	None	As per MIB
pimSGRptUpstreamOverrideTimer	Yes	read-only	None	As per MIB

**Table 505: pimSGRptlTable**

MIB Objects	Supported	Access	Default	Comments
pimSGRptlUpTime	Yes	read-only	None	As per MIB
pimSGRptlLocalMembership	Yes	read-only	None	As per MIB
pimSGRptlJoinPruneState	Yes	read-only	None	As per MIB
pimSGRptlPrunePendingTimer	Yes	read-only	None	As per MIB
pimSGRptlPruneExpiryTimer	Yes	read-only	None	As per MIB

**Table 506: pimBidirDFElectionTable**

MIB Objects	Supported	Access	Default	Comments
pimBidirDFElectionWinnerAddressType	No	read-only	None	Not implemented
pimBidirDFElectionWinnerAddress	No	read-only	None	Not implemented
pimBidirDFElectionWinnerUpTime	No	read-only	None	Not implemented
pimBidirDFElectionWinnerMetricPref	No	read-only	None	Not implemented
pimBidirDFElectionWinnerMetric	No	read-only	None	Not implemented
pimBidirDFElectionState	No	read-only	None	Not implemented
pimBidirDFElectionStateTimer	No	read-only	None	Not implemented

**Table 507: pimStaticRPTable**

MIB Objects	Supported	Access	Default	Comments
pimStaticRPRPAddress	Yes	read-create	None	As per MIB
pimStaticRPPimMode	Yes	read-create	3	Read-only
pimStaticRPOverrideDynamic	Yes	read-create	false	As per MIB
pimStaticRPPrecedence	No	read-create	None	No implemented
pimStaticRPRowStatus	Yes	read-create	None	As per MIB
pimStaticRPStorageType	No	read-create	nonVolatile	No implemented

**Table 508: pimGroupMappingTable**

MIB Objects	Supported	Access	Default	Comments
pimGroupMappingPimMode	Yes	read-only	None	As per MIB
pimGroupMappingPrecedence	No	read-only	None	No implemented

**Table 509: pimTraps**

MIB Objects	Supported	Access	Default	Comments
pimNeighborLoss	Yes	—	—	As per MIB

## Chapter 9: Security MIBs

This section contains the SNMP MIB information for the EFOS Security package.

### 9.1 FASTPATH-MGMT-SECURITY-MIB

**Table 510: agentSSLConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSSLAdminMode	Yes	read-write	None	As per MIB
agentSSLSecurePort	Yes	read-write	None	As per MIB
agentSSLProtocolLevel	Yes	read-write	None	As per MIB
agentSSLMaxSessions	Yes	read-write	None	As per MIB
agentSSLHardTimeout	Yes	read-write	None	As per MIB
agentSSLSoftTimeout	Yes	read-write	None	As per MIB
agentSSLCertificatePresent	Yes	read-only	None	As per MIB
agentSSLCertificateControl	Yes	read-write	None	As per MIB
agentSSLCertificateGenerationStatus	Yes	read-only	None	As per MIB

**Table 511: agentSSHConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSSHAdminMode	Yes	read-write	None	As per MIB
agentSSHProtocolLevel	Yes	read-only	2	As per MIB
agentSSHSessionsCount	Yes	read-only	None	As per MIB
agentSSHMaxSessionsCount	Yes	read-write	None	As per MIB
agentSSHSessionTimeout	Yes	read-write	None	As per MIB
agentSSHKeysPresent	Yes	read-only	None	As per MIB
agentSSHKeyGenerationStatus	Yes	read-only	None	As per MIB
agentSSHRSASKeyControl	Yes	read-write	None	As per MIB
agentSSHDSAKeyControl	Yes	read-write	None	As per MIB
agentSSHMgmtPortNum	Yes	read-write	None	As per MIB
agentScpServerAdminMode	Yes	read-write	2	As per MIB

**Table 512: agentListAuthenticationTable**

MIB Objects	Supported	Access	Default	Comments
agentListAuthenticationName	Yes	read-write	None	As per MIB
agentListAuthenticationAccessLine	Yes	read-write	None	As per MIB
agentListAuthenticationRowStatus	Yes	read-write	None	As per MIB

**Table 513: agentListAuthenticationMethodsTable**

MIB Objects	Supported	Access	Default	Comments
agentListAuthenticationMethodsValue	Yes	read-write	None	As per MIB

**Table 514: agentListAuthorizationTable**

MIB Objects	Supported	Access	Default	Comments
agentListAuthorizationName	Yes	read-write	None	As per MIB
agentListAuthorizationAccessLine	Yes	read-write	None	As per MIB
agentListAuthorizationRowStatus	Yes	read-write	None	As per MIB

**Table 515: agentListAuthorizationMethodsTable**

MIB Objects	Supported	Access	Default	Comments
agentListAuthorizationMethodsValue	Yes	read-write	None	As per MIB

**Table 516: agentListAccountingTable**

MIB Objects	Supported	Access	Default	Comments
agentListAccountingName	Yes	read-write	None	As per MIB
agentListAccountingRecordType	Yes	read-write	None	As per MIB
agentListAccountingAccessLine	Yes	read-write	None	As per MIB
agentListAccountingRowStatus	Yes	read-write	None	As per MIB

**Table 517: agentListAccountingMethodsTable**

MIB Objects	Supported	Access	Default	Comments
agentListAccountingMethodsValue	Yes	read-write	None	As per MIB

**Table 518: agentAccountingUpdateConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentAccountingUpdateNewinfo	Yes	read-write	None	As per MIB
agentAccountingUpdatePeriodic	Yes	read-write	None	As per MIB

## 9.2 FASTPATH-ACL-MGMT-MIB

**Table 519: acIMgmtGroup**

MIB Objects	Supported	Access	Default	Comments
acIMgmtEnable	Yes	read-only	None	As per MIB
acIMgmtActiveListName	Yes	read-write	None	As per MIB
acIMgmtTrapReason	No	read-only	None	Not implemented

**Table 520: acIMgmtListTable**

MIB Objects	Supported	Access	Default	Comments
acIMgmtListIfIndex	Yes	read-write	None	As per MIB
acIMgmtListIpAddr	Yes	read-write	None	As per MIB
acIMgmtListIpNetMask	Yes	read-write	None	As per MIB
acIMgmtListService	Yes	read-write	None	As per MIB
acIMgmtListAction	Yes	read-write	None	As per MIB
acIMgmtListRowStatus	Yes	read-create	None	As per MIB
acIMgmtListVlanId	Yes	read-write	None	As per MIB
acIRuleIsConflict	Yes	read-only	None	As per MIB

**Table 521: acIMgmtGroup**

MIB Objects	Supported	Access	Default	Comments
acIMgmtTrapInfo	Yes	—	—	As per MIB

## 9.3 FASTPATH-DOT1X-AUTHENTICATION-SERVER-MIB

**Table 522: agentDot1xAuthServUserConfigGroup**

MIB Objects3	Supported	Access	Default	Comments
agentDot1xAuthServUserConfigCreate	No	read-write	None	Not implemented

**Table 523: agentDot1xAuthServUserConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDot1xAuthServUserName	No	read-write	None	Not implemented
agentDot1xAuthServUserPassword	No	read-write	None	Not implemented
agentDot1xAuthServUserStatus	No	read-write	None	Not implemented

## 9.4 FASTPATH-AUTHENTICATION-MANAGER-MIB

**Table 524: agentAuthMgrGlobalConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrAdminMode	Yes	read-write	None	As per MIB
agentAuthMgrRadiusVlanAssignment	Yes	read-write	None	As per MIB
agentAuthMgrDynamicVlanCreationMode	Yes	read-write	None	As per MIB
agentAuthMgrCriticalRecoveryMaxReauth	Yes	read-write	None	As per MIB

**Table 525: agentAuthMgrTrapsConfigGroup**

MIB Objects	Supported	Access	Default	Comments
authMgrTrapMode	Yes	read-write	2	As per MIB

**Table 526: agentAuthMgrMonitorModeConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrMonitorModeEnabled	Yes	read-write	2	As per MIB
agentAuthMgrMonitorModeClients	Yes	read-only	None	As per MIB
agentAuthMgrNonMonitorModeClients	Yes	read-only	None	As per MIB

**Table 527: agentAuthMgrInterfaceConfigMethodTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrMethodOrder	Yes	read-create	0	As per MIB
agentAuthMgrMethodPriority	Yes	read-create	0	As per MIB

**Table 528: agentAuthMgrInterfaceConfigTimerTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrRestart	Yes	read-write	30	As per MIB

**Table 529: agentAuthMgrInterfaceConfigAuthenticationTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrPortControlMode	Yes	read-write	2	As per MIB
agentAuthMgrPortHostMode	Yes	read-write	2	As per MIB
agentAuthMgrPortNoResponseVlanId	Yes	read-write	0	As per MIB
agentAuthMgrPortAuthFailVlanId	Yes	read-write	0	As per MIB
agentAuthMgrPortMaxUsers	Yes	read-write	None	As per MIB
agentAuthMgrPortAuthViolationMode	Yes	read-write	2	As per MIB
agentAuthMgrPortCriticalVlanId	Yes	read-write	0	As per MIB
agentAuthMgrPortAuthServerDeadAction	Yes	read-write	3	As per MIB
agentAuthMgrPortAuthServerAliveAction	Yes	read-write	2	As per MIB

**Table 529: agentAuthMgrInterfaceConfigAuthenticationTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrPortInitialize	Yes	read-write	None	As per MIB

**Table 530: agentAuthMgrInterfaceStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrStatusMethodOrder	Yes	read-only	0	As per MIB
agentAuthMgrStatusMethodPriority	Yes	read-only	0	As per MIB

**Table 531: agentAuthMgrClientStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrLogicalPort	Yes	read-only	None	As per MIB
agentAuthMgrInterface	Yes	read-only	None	As per MIB
agentAuthMgrClientAuthstatus	Yes	read-only	None	As per MIB
agentAuthMgrClientAuthMethod	Yes	read-only	None	As per MIB
agentAuthMgrClientAuthState	Yes	read-only	None	As per MIB
agentAuthMgrClientUserName	Yes	read-only	None	As per MIB
agentAuthMgrClientVlanAssigned	Yes	read-only	None	As per MIB
agentAuthMgrClientAuthVlanAssignedReason	Yes	read-only	None	As per MIB
agentAuthMgrClientSessionTime	Yes	read-only	None	As per MIB
agentAuthMgrClientFilterID	Yes	read-only	None	As per MIB
agentAuthMgrClientDAACL	Yes	read-only	None	As per MIB
agentAuthMgrClientSessionTimeout	Yes	read-only	None	As per MIB
agentAuthMgrClientTerminationAction	Yes	read-only	None	As per MIB
agentAuthMgrClientAcctSessionId	Yes	read-only	None	As per MIB

**Table 532: agentAuthMgrPortAuthHistoryResultTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrAuthHistoryResultTimeStamp	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultMacAddress	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultAuthMethod	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultAuthStatus	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultAge	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultVlanId	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultAccessStatus	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultFilterID	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultDAACL	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultVlanAssignedType	Yes	read-only	None	As per MIB
agentAuthMgrAuthHistoryResultReasonCode	Yes	read-only	None	As per MIB

**Table 533: agentAuthMgrPortAuthHistoryResultClearTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrPortAuthHistoryResultsClear	Yes	read-write	2	As per MIB

**Table 534:**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrPortStatsAttempts	Yes	read-only	None	As per MIB
agentAuthMgrPortStatsFailedAttempts	Yes	read-only	None	As per MIB

**Table 535: agentAuthMgrPortStatsClearTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrPortStatsClear	Yes	read-write	2	As per MIB

**Table 536: fastpathAuthMgrTraps**

MIB Objects	Supported	Access	Default	Comments
agentAuthMgrClientAuthStatusTrap	Yes	—	—	As per MIB

## 9.5 FASTPATH-DOT1X-ADVANCED-FEATURES-MIB

**Table 537: agentDot1xEnhancementConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDot1xRadiusVlanAssignment	No	read-write	None	obsolete
agentDot1xEapolFloodMode	Yes	read-write	None	As per MIB
agentDot1xCriticalRecoveryMaxReauth	No	read-write	None	obsolete

**Table 538: agentDot1xMonitorModeConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDot1xMonitorModeEnabled	No	read-write	None	obsolete
agentDot1xMonitorModeClients	No	read-only	None	obsolete
agentDot1xNonMonitorModeClients	No	read-only	None	obsolete

**Table 539: agentDot1xAuthHistoryResultsGroup**

MIB Objects	Supported	Access	Default	Comments
agentDot1xAuthHistoryResultsClear	No	read-write	None	obsolete

**Table 540: agentDot1xPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDot1xPortControlMode	No	read-write	2	obsolete
agentDot1xGuestVlanId	No	read-write	0	obsolete
agentDot1xGuestVlanPeriod	No	read-write	90	obsolete
agentDot1xUnauthenticatedVlan	No	read-write	0	obsolete
agentDot1xMaxUsers	No	read-write	None	obsolete
agentDot1xPortVlanAssigned	No	read-only	0	obsolete
agentDot1xPortVlanAssignedReason	No	read-only	5	obsolete
agentDot1xPortSessionTimeout	No	read-only	None	obsolete
agentDot1xPortTerminationAction	No	read-only	1	obsolete
agentDot1xPortMABEnabled	No	read-write	2	obsolete
agentDot1xPortMABEnabledOperational	No	read-only	2	obsolete
agentDot1xPortMABAuthType	No	read-write	1	obsolete
agentDot1xPortMaxReAuthReq	No	read-write	2	obsolete
agentDot1xPortAuthViolationMode	No	read-write	2	obsolete
agentDot1xPortCriticalVlan	No	read-write	0	obsolete
agentDot1xPortAuthServerDeadAction	No	read-write	3	obsolete
agentDot1xPortAuthServerAliveAction	No	read-write	2	obsolete

**Table 541: agentDot1xClientConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDot1xLogicalPort	No	read-only	None	obsolete
agentDot1xInterface	No	read-only	None	obsolete
agentDot1xClientAuthPAEstate	No	read-only	None	obsolete
agentDot1xClientBackendState	No	read-only	None	obsolete
agentDot1xClientUserName	No	read-only	None	obsolete
agentDot1xClientSessionTime	No	read-only	None	obsolete
agentDot1xClientFilterID	No	read-only	None	obsolete
agentDot1xClientVlanAssigned	No	read-only	None	obsolete
agentDot1xClientVlanAssignedReason	No	read-only	None	obsolete
agentDot1xClientSessionTimeout	No	read-only	None	obsolete
agentDot1xClientTerminationAction	No	read-only	None	obsolete

**Table 542: agentDot1xPortAuthHistoryResultTable**

MIB Objects	Supported	Access	Default	Comments
agentDot1xAuthHistoryResultTimeStamp	No	read-only	None	obsolete
agentDot1xAuthHistoryResultAge	No	read-only	None	obsolete
agentDot1xAuthHistoryResultMacAddress	No	read-only	None	obsolete
agentDot1xAuthHistoryResultVlanId	No	read-only	None	obsolete
agentDot1xAuthHistoryResultAuthStatus	No	read-only	None	obsolete
agentDot1xAuthHistoryResultAccessStatus	No	read-only	None	obsolete
agentDot1xAuthHistoryResultFilterID	No	read-only	None	obsolete
agentDot1xAuthHistoryResultVlanAssigned	No	read-only	None	obsolete
agentDot1xAuthHistoryResultVlanAssignedType	No	read-only	None	obsolete
agentDot1xAuthHistoryResultReasonCode	No	read-only	None	obsolete

**Table 543: agentDot1xPortAuthHistoryResultClearTable**

MIB Objects	Supported	Access	Default	Comments
agentDot1xPortAuthHistoryResultsClear	No	read-write	2	obsolete

## 9.6 FASTPATH-RADIUS-AUTH-CLIENT-MIB

**Table 544: agentRadiusConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentRadiusMaxTransmit	Yes	read-write	4	As per MIB
agentRadiusTimeout	Yes	read-write	5	As per MIB
agentRadiusAccountingMode	Yes	read-write	2	As per MIB
agentRadiusStatsClear	Yes	read-write	2	As per MIB
agentRadiusAccountingIndexNextValid	Yes	read-only	None	As per MIB
agentRadiusServerIndexNextValid	Yes	read-only	None	As per MIB
agentRadiusAuthenticationServers	Yes	read-only	None	As per MIB
agentRadiusAccountingServers	Yes	read-only	None	As per MIB
agentRadiusNamedAuthenticationServerGroups	Yes	read-only	None	As per MIB
agentRadiusNamedAccountingServerGroups	Yes	read-only	None	As per MIB
agentRadiusDeadTime	Yes	read-write	0	As per MIB
agentRadiusServerKey	Yes	read-write	None	As per MIB
agentRadiusSourceIPAddr	Yes	read-write	None	As per MIB
agentRadiusNasIpAddress	Yes	read-write	None	As per MIB
agentAuthorizationNetworkRadiusMode	No	read-write	None	Not implemented
agentRadiusSourceInterface	Yes	read-write	None	As per MIB
agentDasRequestsReceived	Yes	read-only	None	As per MIB
agentDasACKResponsesSent	Yes	read-only	None	As per MIB
agentDasNAKResponsesSent	Yes	read-only	None	As per MIB
agentDasRequestsIgnored	Yes	read-only	None	As per MIB
agentDasRequestsWithMissingOrUnsupportedAttribute	Yes	read-only	None	As per MIB
agentDasRequestsWithSessionContextNotFound	Yes	read-only	None	As per MIB
agentDasRequestsWithInvalidAttributeValue	Yes	read-only	None	As per MIB
agentDasRequestsAdministrativelyProhibited	Yes	read-only	None	As per MIB
agentRadiusServicePortSrcInterface	Yes	read-write	None	As per MIB
agentRadiusNasIpv6Address	Yes	read-write	None	As per MIB
agentRadiusServerAttr31MacFormat	Yes	read-write	None	As per MIB
agentRadiusServerAttr30MacFormat	Yes	read-write	None	As per MIB
agentRadiusServerAttr32MacFormat	Yes	read-write	None	As per MIB
agentRadiusServerInclude32InAccessRequest	Yes	read-write	None	As per MIB
agentRadiusServerInclude32InAccessRequestFormat	Yes	read-write	None	As per MIB
agentRadiusServerInclude44InAccessRequest	Yes	read-write	None	As per MIB
agentRadiusServerDeadCriteriaTime	Yes	read-write	20	As per MIB
agentRadiusServerDeadCriteriaTries	Yes	read-write	4	As per MIB

**Table 545: agentRadiusAccountingConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentRadiusAccountingServerAddress	Yes	read-create	None	As per MIB
agentRadiusAccountingServerAddressType	Yes	read-create	None	As per MIB
agentRadiusAccountingPort	Yes	read-write	1813	As per MIB
agentRadiusAccountingSecret	Yes	read-write	None	As per MIB
agentRadiusAccountingStatus	Yes	read-create	None	As per MIB
agentRadiusAccountingServerName	Yes	read-create	None	As per MIB
agentRadiusAccountingLinkLocalIntf	Yes	read-write	None	As per MIB
agentRadiusAccountingServerTestUserName	Yes	read-create	None	As per MIB
agentRadiusAccountingServerIdleTime	Yes	read-write	60	As per MIB
agentRadiusAccountingServerState	Yes	read-only	None	As per MIB
agentRadiusAccountingServerStateDuration	Yes	read-only	None	As per MIB
agentRadiusAccountingServerImmortalState	Yes	read-only	None	As per MIB

**Table 546: agentRadiusServerConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentRadiusServerAddress	No	read-create	None	obsolete
agentRadiusServerAddressType	Yes	read-create	None	As per MIB
agentRadiusServerPort	Yes	read-write	1812	As per MIB
agentRadiusServerSecret	Yes	read-write	None	As per MIB
agentRadiusServerPrimaryMode	Yes	read-write	None	As per MIB
agentRadiusServerCurrentMode	Yes	read-only	None	As per MIB
agentRadiusServerMsgAuth	Yes	read-write	None	As per MIB
agentRadiusServerRowStatus	Yes	read-create	None	As per MIB
agentRadiusServerName	Yes	read-create	None	As per MIB
agentRadiusServerInetAddress	Yes	read-create	None	As per MIB
agentRadiusServerTimeout	Yes	read-write	3	As per MIB
agentRadiusServerRetransmit	Yes	read-write	3	As per MIB
agentRadiusServerDeadtime	Yes	read-write	0	As per MIB
agentRadiusServerSourceIPAddr	Yes	read-write	None	As per MIB
agentRadiusServerPriority	Yes	read-write	0	As per MIB
agentRadiusServerUsageType	Yes	read-write	1	As per MIB
agentRadiusServerSourceIPv6Addr	Yes	read-write	None	As per MIB
agentRadiusServerConfigAttr31MacFormat	No	read-write	None	deprecated
agentRadiusServerLinkLocalIntf	Yes	read-write	None	As per MIB
agentRadiusServerTestUserName	Yes	read-create	None	As per MIB
agentRadiusServerIdleTime	Yes	read-write	60	As per MIB
agentRadiusServerState	Yes	read-only	None	As per MIB
agentRadiusServerStateDuration	Yes	read-only	None	As per MIB
agentRadiusServerImmortalState	Yes	read-only	None	As per MIB
agentRadiusServerVSAAuth	Yes	read-write	2	As per MIB

**Table 547: agentRadiusNamedAuthenticationServerGroupConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentRadiusNamedAuthenticationServerGroupLoadBalanceMethod	Yes	read-write	None	As per MIB
agentRadiusNamedAuthenticationServerGroupBatchSize	Yes	read-write	25	As per MIB
agentRadiusNamedAuthenticationServerGroupDeadCount	Yes	read-only	None	As per MIB

**Table 548: agentRadiusNamedAccountingServerGroupConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentRadiusNamedAccountingServerGroupLoadBalanceMethod	Yes	read-write	None	As per MIB
agentRadiusNamedAccountingServerGroupBatchSize	Yes	read-write	25	As per MIB
agentRadiusNamedAccountingServerGroupDeadCount	Yes	read-only	None	As per MIB

## 9.7 RADIUS-AUTH-CLIENT-MIB (RFC 2618)

**Table 549: radiusAuthClient**

MIB Objects	Supported	Access	Default	Comments
radiusAuthClientInvalidServerAddresses	Yes	read-only	None	As per MIB
radiusAuthClientIdentifier	Yes	read-only	None	As per MIB

**Table 550: radiusAuthServerTable**

MIB Objects	Supported	Access	Default	Comments
radiusAuthServerAddress	No	read-only	None	deprecated
radiusAuthClientServerPortNumber	No	read-only	None	deprecated
radiusAuthClientRoundTripTime	No	read-only	None	deprecated
radiusAuthClientAccessRequests	No	read-only	None	deprecated
radiusAuthClientAccessRetransmissions	No	read-only	None	deprecated
radiusAuthClientAccessAccepts	No	read-only	None	deprecated
radiusAuthClientAccessRejects	No	read-only	None	deprecated
radiusAuthClientAccessChallenges	No	read-only	None	deprecated
radiusAuthClientMalformedAccessResponses	No	read-only	None	deprecated
radiusAuthClientBadAuthenticators	No	read-only	None	deprecated
radiusAuthClientPendingRequests	No	read-only	None	deprecated
radiusAuthClientTimeouts	No	read-only	None	deprecated
radiusAuthClientUnknownTypes	No	read-only	None	deprecated
radiusAuthClientPacketsDropped	No	read-only	None	deprecated

**Table 551: radiusAuthServerExtTable**

MIB Objects	Supported	Access	Default	Comments
radiusAuthServerInetAddressType	Yes	read-only	None	As per MIB
radiusAuthServerInetAddress	Yes	read-only	None	As per MIB
radiusAuthClientServerInetPortNumber	Yes	read-only	None	As per MIB
radiusAuthClientExtRoundTripTime	Yes	read-only	None	As per MIB
radiusAuthClientExtAccessRequests	Yes	read-only	None	As per MIB
radiusAuthClientExtAccessRetransmissions	Yes	read-only	None	As per MIB
radiusAuthClientExtAccessAccepts	Yes	read-only	None	As per MIB
radiusAuthClientExtAccessRejects	Yes	read-only	None	As per MIB
radiusAuthClientExtAccessChallenges	Yes	read-only	None	As per MIB
radiusAuthClientExtMalformedAccessResponses	Yes	read-only	None	As per MIB
radiusAuthClientExtBadAuthenticators	Yes	read-only	None	As per MIB
radiusAuthClientExtPendingRequests	Yes	read-only	None	As per MIB
radiusAuthClientExtTimeouts	Yes	read-only	None	As per MIB
radiusAuthClientExtUnknownTypes	Yes	read-only	None	As per MIB
radiusAuthClientExtPacketsDropped	Yes	read-only	None	As per MIB
radiusAuthClientCounterDiscontinuity	Yes	read-only	None	As per MIB

## 9.8 RADIUS-ACC-CLIENT-MIB (RFC 2620)

**Table 552: radiusAccClient**

MIB Objects	Supported	Access	Default	Comments
radiusAccClientInvalidServerAddresses	Yes	read-only	None	As per MIB
radiusAccClientIdentifier	Yes	read-only	None	As per MIB

**Table 553: radiusAccServerTable**

MIB Objects	Supported	Access	Default	Comments
radiusAccServerAddress	No	read-only	None	deprecated
radiusAccClientServerPortNumber	No	read-only	None	deprecated
radiusAccClientRoundTripTime	No	read-only	None	deprecated
radiusAccClientRequests	No	read-only	None	deprecated
radiusAccClientRetransmissions	No	read-only	None	deprecated
radiusAccClientResponses	No	read-only	None	deprecated
radiusAccClientMalformedResponses	No	read-only	None	deprecated
radiusAccClientBadAuthenticators	No	read-only	None	deprecated
radiusAccClientPendingRequests	No	read-only	None	deprecated
radiusAccClientTimeouts	No	read-only	None	deprecated
radiusAccClientUnknownTypes	No	read-only	None	deprecated
radiusAccClientPacketsDropped	No	read-only	None	deprecated

**Table 554: radiusAccServerExtTable**

MIB Objects	Supported	Access	Default	Comments
radiusAccServerInetAddressType	Yes	read-only	None	As per MIB
radiusAccServerInetAddress	Yes	read-only	None	As per MIB
radiusAccClientServerInetPortNumber	Yes	read-only	None	As per MIB
radiusAccClientExtRoundTripTime	Yes	read-only	None	As per MIB
radiusAccClientExtRequests	Yes	read-only	None	As per MIB
radiusAccClientExtRetransmissions	Yes	read-only	None	As per MIB
radiusAccClientExtResponses	Yes	read-only	None	As per MIB
radiusAccClientExtMalformedResponses	Yes	read-only	None	As per MIB
radiusAccClientExtBadAuthenticators	Yes	read-only	None	As per MIB
radiusAccClientExtPendingRequests	Yes	read-only	None	As per MIB
radiusAccClientExtTimeouts	Yes	read-only	None	As per MIB
radiusAccClientExtUnknownTypes	Yes	read-only	None	As per MIB
radiusAccClientExtPacketsDropped	Yes	read-only	None	As per MIB
radiusAccClientCounterDiscontinuity	Yes	read-only	None	As per MIB

## 9.9 TACACS-CLIENT-MIB

**Table 555: agentTacacsGlobalConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentTacacsGlobalTimeout	Yes	read-write	5	As per MIB
agentTacacsGlobalKey	Yes	read-write	None	As per MIB
agentTacacsSourceInterface	Yes	read-write	None	As per MIB
agentTacacsServicePortSrcInterface	Yes	read-write	None	As per MIB

**Table 556: agentTacacsServerTable**

MIB Objects	Supported	Access	Default	Comments
agentTacacsPortNumber	Yes	read-write	49	As per MIB
agentTacacsTimeOut	Yes	read-write	None	As per MIB
agentTacacsKey	Yes	read-write	None	As per MIB
agentTacacsPriority	Yes	read-write	0	As per MIB
agentTacacsServerStatus	Yes	read-create	None	As per MIB
agentTacacsServerIpAddrType	Yes	read-create	None	As per MIB
agentTacacsServerLinkLocalIntf	Yes	read-write	None	As per MIB

## 9.10 FASTPATH-MAB-MIB

**Table 557: agentMabGlobalConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentMABRequestAttr1GroupSize	Yes	read-write	None	As per MIB
agentMABRequestAttr1Separator	Yes	read-write	None	As per MIB
agentMABRequestAttr1Case	Yes	read-write	None	As per MIB

**Table 558: agentMabPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentMABPortEnabled	Yes	read-write	2	As per MIB
agentMabPortOperational	Yes	read-only	2	As per MIB
agentMabPortAuthType	Yes	read-write	1	As per MIB

## 9.11 IEEE8021X-PAE-MIB

**Table 559: ieee8021XPaeSystem**

MIB Objects	Supported	Access	Default	Comments
ieee8021XPaeSysAccessControl	Yes	read-write	None	As per MIB
ieee8021XPaeSysAnnouncements	Yes	read-write	None	As per MIB
ieee8021XPaeSysEapolVersion	Yes	read-only	None	As per MIB
ieee8021XPaeSysMkaVersion	Yes	read-only	None	As per MIB

**Table 560: ieee8021XPaePortTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XPaePortType	Yes	read-only	None	As per MIB
ieee8021XPaeControlledPortNumber	Yes	read-only	None	As per MIB
ieee8021XPaeUncontrolledPortNumber	Yes	read-only	None	As per MIB
ieee8021XPaeCommonPortNumber	Yes	read-only	None	As per MIB
ieee8021XPaePortInitialize	Yes	read-write	None	As per MIB
ieee8021XPaePortCapabilities	Yes	read-only	None	As per MIB
ieee8021XPaePortVirtualPortsEnable	Yes	read-write	None	As per MIB
ieee8021XPaePortMaxVirtualPorts	Yes	read-only	None	As per MIB
ieee8021XPaePortCurrentVirtualPorts	Yes	read-only	None	As per MIB
ieee8021XPaePortVirtualPortStart	Yes	read-only	None	As per MIB
ieee8021XPaePortVirtualPortPeerMAC	Yes	read-only	None	As per MIB
ieee8021XPaePortLogonEnable	Yes	read-write	None	As per MIB
ieee8021XPaePortAuthenticatorEnable	Yes	read-only	None	As per MIB
ieee8021XPaePortSupplicantEnable	Yes	read-only	None	As per MIB
ieee8021XPaePortKayMkaEnable	Yes	read-write	None	As per MIB
ieee8021XPaePortAnnouncerEnable	Yes	read-write	None	As per MIB
ieee8021XPaePortListenerEnable	Yes	read-write	None	As per MIB

**Table 561: ieee8021XPacPortTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XPacPortAdminPt2PtMAC	No	read-write	3	Not implemented
ieee8021XPacPortOperPt2PtMAC	No	read-only	None	Not implemented

**Table 562: ieee8021XPaePortLogonTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XPaePortLogonConnectStatus	No	read-only	None	Not implemented
ieee8021XPaePortPortValid	No	read-only	None	Not implemented

**Table 563: ieee8021XPaePortSessionTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XPaePortSessionOctetsRx	No	read-only	None	Not implemented
ieee8021XPaePortSessionOctetsTx	No	read-only	None	Not implemented
ieee8021XPaePortSessionPktsRx	No	read-only	None	Not implemented
ieee8021XPaePortSessionPktsTx	No	read-only	None	Not implemented
ieee8021XPaePortSessionId	No	read-only	None	Not implemented
ieee8021XPaePortSessionStartTime	No	read-only	None	Not implemented
ieee8021XPaePortSessionIntervalTime	No	read-only	None	Not implemented
ieee8021XPaePortSessionTerminate	No	read-only	None	Not implemented
ieee8021XPaePortSessionUserName	No	read-only	None	Not implemented

**Table 564: ieee8021XLogonNIDTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XLogonNIDConnectedNID	No	read-only	None	Not implemented
ieee8021XLogonNIDRequestedNID	No	read-only	None	Not implemented
ieee8021XLogonNIDSelectedNID	No	read-write	None	Not implemented

**Table 565: ieee8021XAuthenticatorTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XAuthPaeAuthenticate	Yes	read-only	None	As per MIB
ieee8021XAuthPaeAuthenticated	Yes	read-only	None	As per MIB
ieee8021XAuthPaeFailed	Yes	read-only	None	As per MIB
ieee8021XAuthPaeReAuthEnabled	Yes	read-write	None	As per MIB
ieee8021XAuthPaeQuietPeriod	Yes	read-write	60	As per MIB
ieee8021XAuthPaeReauthPeriod	Yes	read-write	3600	As per MIB
ieee8021XAuthPaeRetryMax	Yes	read-write	2	As per MIB
ieee8021XAuthPaeRetryCount	Yes	read-only	None	As per MIB

**Table 566: ieee8021XSupplicantTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XSuppPaeAuthenticate	Yes	read-only	None	As per MIB
ieee8021XSuppPaeAuthenticated	Yes	read-only	None	As per MIB
ieee8021XSuppPaeFailed	Yes	read-only	None	As per MIB
ieee8021XSuppPaeHelloPeriod	Yes	read-write	60	As per MIB
ieee8021XSuppPaeRetryMax	Yes	read-write	2	As per MIB
ieee8021XSuppPaeRetryCount	Yes	read-only	None	As per MIB

**Table 567: ieee8021XEapStatsTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XEapInvalidFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapEapLengthErrorFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapAnnouncementFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapAnnouncementReqFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapPortUnavailableFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapStartFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapEapFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapLogoffFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapMkNoCknFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapMkInvalidFramesRx	Yes	read-only	None	As per MIB
ieee8021XEapLastRxFrameVersion	Yes	read-only	None	As per MIB
ieee8021XEapLastRxFrameSource	Yes	read-only	None	As per MIB
ieee8021XEapSuppEapFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapLogoffFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapAnnouncementFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapAnnouncementReqFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapStartFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapAuthEapFramesTx	Yes	read-only	None	As per MIB
ieee8021XEapMkaFramesTx	Yes	read-only	None	As per MIB

**Table 568: ieee8021XKAYMkaTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XKAYMkaActive	No	read-only	None	Not implemented
ieee8021XKAYMkaAuthenticated	No	read-only	None	Not implemented
ieee8021XKAYMkaSecured	No	read-only	None	Not implemented
ieee8021XKAYMkaFailed	No	read-only	None	Not implemented
ieee8021XKAYMkaActorSCI	No	read-only	None	Not implemented
ieee8021XKAYMkaActorsPriority	No	read-write	None	Not implemented
ieee8021XKAYMkaKeyServerPriority	No	read-only	None	Not implemented
ieee8021XKAYMkaKeyServerSCI	No	read-only	None	Not implemented
ieee8021XKAYAllowedJoinGroup	No	read-only	None	Not implemented
ieee8021XKAYAllowedFormGroup	No	read-only	None	Not implemented
ieee8021XKAYCreateNewGroup	No	read-write	None	Not implemented
ieee8021XKAYMacSecCapability	No	read-only	None	Not implemented
ieee8021XKAYMacSecDesired	No	read-write	None	Not implemented
ieee8021XKAYMacSecProtect	No	read-only	None	Not implemented
ieee8021XKAYMacSecReplayProtect	No	read-only	None	Not implemented
ieee8021XKAYMacSecValidate	No	read-only	None	Not implemented
ieee8021XKAYMacSecConfidentialityOffset	No	read-write	None	Not implemented
ieee8021XKAYMkaTxKN	No	read-only	None	Not implemented
ieee8021XKAYMkaTxAN	No	read-only	None	Not implemented

**Table 568: ieee8021XKayMkaTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XKayMkaRxKN	No	read-only	None	Not implemented
ieee8021XKayMkaRxAN	No	read-only	None	Not implemented

**Table 569: ieee8021XKayMkaParticipantTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XKayMkaPartKMD	No	read-create	None	Not implemented
ieee8021XKayMkaPartNID	No	read-create	None	Not implemented
ieee8021XKayMkaPartCached	No	read-create	None	Not implemented
ieee8021XKayMkaPartActive	No	read-only	false	Not implemented
ieee8021XKayMkaPartRetain	No	read-create	None	Not implemented
ieee8021XKayMkaPartActivateControl	No	read-create	None	Not implemented
ieee8021XKayMkaPartPrincipal	No	read-only	false	Not implemented
ieee8021XKayMkaPartDistCKN	No	read-only	None	Not implemented
ieee8021XKayMkaPartRowStatus	No	read-create	None	Not implemented

**Table 570: ieee8021XKayMkaPeerListTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XKayMkaPeerListMN	No	read-only	None	Not implemented
ieee8021XKayMkaPeerListType	No	read-only	None	Not implemented
ieee8021XKayMkaPeerListSCI	No	read-only	None	Not implemented

**Table 571: ieee8021XNidConfigTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XNidNID	No	not-accessible	None	Not implemented
ieee8021XNidUseEap	No	read-create	None	Not implemented
ieee8021XNidUnauthAllowed	No	read-create	None	Not implemented
ieee8021XNidUnsecuredAllowed	No	read-create	None	Not implemented
ieee8021XNidUnauthenticatedAccess	No	read-create	None	Not implemented
ieee8021XNidAccessCapabilities	No	read-create	None	Not implemented
ieee8021XNidKMD	No	read-create	None	Not implemented
ieee8021XNidRowStatus	No	read-create	None	Not implemented

**Table 572: ieee8021XAnnounceTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XAnnounceNID	No	not-accessible	None	Not implemented
ieee8021XAnnounceAccessStatus	No	read-only	None	Not implemented

**Table 573: ieee8021XAnnouncementTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XAnnouncementNID	No	not-accessible	None	Not implemented
ieee8021XAnnouncementKMD	No	read-only	None	Not implemented
ieee8021XAnnouncementSpecific	No	read-only	None	Not implemented
ieee8021XAnnouncementAccessStatus	No	read-only	None	Not implemented
ieee8021XAnnouncementAccessRequested	No	read-only	None	Not implemented
ieee8021XAnnouncementUnauthAccess	No	read-only	None	Not implemented
ieee8021XAnnouncementCapabilities	No	read-only	None	Not implemented

**Table 574: ieee8021XAnnouncementCipherSuitesTable**

MIB Objects	Supported	Access	Default	Comments
ieee8021XAnnouncementCipherCapability	No	read-only	None	Not implemented

## 9.12 IEEE8021-SECY-MIB

**Table 575: secyIfTable**

MIB Objects	Supported	Access	Default	Comments
secyIfMaxPeerSCs	No	read-only	None	Not implemented
secyIfRxMaxKeys	No	read-only	None	Not implemented
secyIfTxMaxKeys	No	read-only	None	Not implemented
secyIfProtectFramesEnable	No	read-write	true	Not implemented
secyIfValidateFrames	No	read-write	3	Not implemented
secyIfReplayProtectEnable	No	read-write	true	Not implemented
secyIfReplayProtectWindow	No	read-write	0	Not implemented
secyIfCurrentCipherSuite	No	read-write	None	Not implemented
secyIfAdminPt2PtMAC	No	read-write	3	Not implemented
secyIfOperPt2PtMAC	No	read-only	None	Not implemented
secyIfIncludeSCIEnable	No	read-write	false	Not implemented
secyIfUseESEnable	No	read-write	false	Not implemented
secyIfUseSCBEnable	No	read-write	false	Not implemented

**Table 576: secyTxSCTable**

MIB Objects	Supported	Access	Default	Comments
secyTxSCI	No	read-only	None	Not implemented
secyTxSCState	No	read-only	None	Not implemented
secyTxSCEncodingSA	No	read-only	None	Not implemented
secyTxSCEncipheringSA	No	read-only	None	Not implemented
secyTxSCCreatedTime	No	read-only	None	Not implemented
secyTxSCStartedTime	No	read-only	None	Not implemented
secyTxSCStoppedTime	No	read-only	None	Not implemented

**Table 577: secyTxSatable**

MIB Objects	Supported	Access	Default	Comments
secyTxSAState	No	read-only	None	Not implemented
secyTxSANextPN	No	read-only	None	Not implemented
secyTxSAConfidentiality	No	read-only	None	Not implemented
secyTxSASAKUnchanged	No	read-only	None	Not implemented
secyTxSACreatedTime	No	read-only	None	Not implemented
secyTxSAStartedTime	No	read-only	None	Not implemented
secyTxSAStoppedTime	No	read-only	None	Not implemented

**Table 578: secyRxSCTable**

MIB Objects	Supported	Access	Default	Comments
secyRxSCState	No	read-only	None	Not implemented
secyRxSCCurrentSA	No	read-only	None	Not implemented
secyRxSCCreatedTime	No	read-only	None	Not implemented
secyRxSCStartedTime	No	read-only	None	Not implemented
secyRxSCStoppedTime	No	read-only	None	Not implemented

**Table 579: secyRxSatable**

MIB Objects	Supported	Access	Default	Comments
secyRxSAState	No	read-only	None	Not implemented
secyRxSANextPN	No	read-write	None	Not implemented
secyRxSASAKUnchanged	No	read-only	None	Not implemented
secyRxSACreatedTime	No	read-only	None	Not implemented
secyRxSAStartedTime	No	read-only	None	Not implemented
secyRxSAStoppedTime	No	read-only	None	Not implemented

**Table 580: secyCipherSuiteTable**

MIB Objects	Supported	Access	Default	Comments
secyCipherSuiteId	No	read-create	None	Not implemented
secyCipherSuiteName	No	read-create	None	Not implemented
secyCipherSuiteCapability	No	read-create	None	Not implemented
secyCipherSuiteProtection	No	read-create	0x80	Not implemented
secyCipherSuiteProtectionOffset	No	read-create	0	Not implemented
secyCipherSuiteDataLengthChange	No	read-create	None	Not implemented
secyCipherSuiteICVLength	No	read-create	None	Not implemented
secyCipherSuiteRowStatus	No	read-create	None	Not implemented

**Table 581: secyTxSASStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyTxSASStatsProtectedPkts	No	read-only	None	Not implemented
secyTxSASStatsEncryptedPkts	No	read-only	None	Not implemented

**Table 582: secyTxSCStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyTxSCStatsProtectedPkts	No	read-only	None	Not implemented
secyTxSCStatsEncryptedPkts	No	read-only	None	Not implemented
secyTxSCStatsOctetsProtected	No	read-only	None	Not implemented
secyTxSCStatsOctetsEncrypted	No	read-only	None	Not implemented

**Table 583: secyRxSASStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyRxSASStatsUnusedSAPkts	No	read-only	None	Not implemented
secyRxSASStatsNoUsingSAPkts	No	read-only	None	Not implemented
secyRxSASStatsNotValidPkts	No	read-only	None	Not implemented
secyRxSASStatsInvalidPkts	No	read-only	None	Not implemented
secyRxSASStatsOKPkts	No	read-only	None	Not implemented

**Table 584: secyRxSCStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyRxSCStatsUnusedSAPkts	No	read-only	None	Not implemented
secyRxSCStatsNoUsingSAPkts	No	read-only	None	Not implemented
secyRxSCStatsLatePkts	No	read-only	None	Not implemented
secyRxSCStatsNotValidPkts	No	read-only	None	Not implemented
secyRxSCStatsInvalidPkts	No	read-only	None	Not implemented
secyRxSCStatsDelayedPkts	No	read-only	None	Not implemented
secyRxSCStatsUncheckedPkts	No	read-only	None	Not implemented
secyRxSCStatsOKPkts	No	read-only	None	Not implemented
secyRxSCStatsOctetsValidated	No	read-only	None	Not implemented
secyRxSCStatsOctetsDecrypted	No	read-only	None	Not implemented

**Table 585: secyStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyStatsTxUntaggedPkts	No	read-only	None	Not implemented
secyStatsTxTooLongPkts	No	read-only	None	Not implemented
secyStatsRxUntaggedPkts	No	read-only	None	Not implemented
secyStatsRxNoTagPkts	No	read-only	None	Not implemented
secyStatsRxBadTagPkts	No	read-only	None	Not implemented

**Table 585: secyStatsTable**

MIB Objects	Supported	Access	Default	Comments
secyStatsRxUnknownSCIPkts	No	read-only	None	Not implemented
secyStatsRxNoSCIPkts	No	read-only	None	Not implemented
secyStatsRxOverrunPkts	No	read-only	None	Not implemented

## 9.13 FASTPATH-LDAP-CLIENT-MIB

**Table 586: agentLdapGlobalConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLdapBindFirst	Yes	read-write	false	As per MIB
agentLdapAppendWithBaseDN	Yes	read-write	cn=\$userid	As per MIB

**Table 587: agentLdapServerTable**

MIB Objects	Supported	Access	Default	Comments
agentLdapServerStatus	Yes	read-create	None	As per MIB
agentLdapServerPort	Yes	read-write	389	As per MIB
agentLdapServerTimeOut	Yes	read-write	5	As per MIB
agentLdapServerSSLMode	Yes	read-write	false	As per MIB
agentLdapServerRootDN	Yes	read-write	None	As per MIB
agentLdapServerRootDNPassword	Yes	read-write	None	As per MIB

**Table 588: agentLdapSearchMapTable**

MIB Objects	Supported	Access	Default	Comments
agentLdapSearchMapStatus	Yes	read-create	None	As per MIB
agentLdapSearchMapAttribute	Yes	read-write	None	As per MIB
agentLdapSearchMapFilter	Yes	read-write	None	As per MIB
agentLdapSearchMapBaseDN	Yes	read-write	None	As per MIB

## Chapter 10: Switching MIBs

This section contains the SNMP MIB information for the EFOS Switching package.

### 10.1 MAU-MIB (RFC 3636)

**Table 589: rpMauTable**

MIB Objects	Supported	Access	Default	Comments
rpMauType	No	read-only	None	Not implemented
rpMauStatus	No	read-write	None	Not implemented
rpMauMediaAvailable	No	read-only	None	Not implemented
rpMauMediaAvailableStateExits	No	read-only	None	Not implemented
rpMauJabberState	No	read-only	None	Not implemented
rpMauJabberingStateEnters	No	read-only	None	Not implemented
rpMauFalseCarriers	No	read-only	None	Not implemented

**Table 590: rpJackTable**

MIB Objects	Supported	Access	Default	Comments
rpJackType	No	read-only	None	Not implemented

**Table 591: ifMauTable**

MIB Objects	Supported	Access	Default	Comments
ifMauType	No	read-only	None	Not implemented
ifMauStatus	No	read-write	None	Not implemented
ifMauMediaAvailable	No	read-only	None	Not implemented
ifMauMediaAvailableStateExits	No	read-only	None	Not implemented
ifMauJabberState	No	read-only	None	Not implemented
ifMauJabberingStateEnters	No	read-only	None	Not implemented
ifMauFalseCarriers	No	read-only	None	Not implemented
ifMauTypeList	No	read-only	None	deprecated
ifMauDefaultType	No	read-write	None	Not implemented
ifMauAutoNegSupported	No	read-only	None	Not implemented
ifMauTypeListBits	No	read-only	None	Not implemented
ifMauHCFalseCarriers	No	read-only	None	Not implemented

**Table 592: ifJackTable**

MIB Objects	Supported	Access	Default	Comments
ifJackType	No	read-only	None	Not implemented

**Table 593: ifMauAutoNegTable**

MIB Objects	Supported	Access	Default	Comments
ifMauAutoNegAdminStatus	No	read-write	None	Not implemented
ifMauAutoNegRemoteSignaling	No	read-only	None	Not implemented
ifMauAutoNegConfig	No	read-only	None	Not implemented
ifMauAutoNegCapability	No	read-only	None	deprecated
ifMauAutoNegCapAdvertised	No	read-write	None	deprecated
ifMauAutoNegCapReceived	No	read-only	None	deprecated
ifMauAutoNegRestart	No	read-write	None	Not implemented
ifMauAutoNegCapabilityBits	No	read-only	None	Not implemented
ifMauAutoNegCapAdvertisedBits	No	read-write	None	Not implemented
ifMauAutoNegCapReceivedBits	No	read-only	None	Not implemented
ifMauAutoNegRemoteFaultAdvertised	No	read-write	None	Not implemented
ifMauAutoNegRemoteFaultReceived	No	read-only	None	Not implemented

**Table 594: broadMauBasicTable**

MIB Objects	Supported	Access	Default	Comments
broadMauXmtRcvSplitType	No	read-only	None	deprecated
broadMauXmtCarrierFreq	No	read-only	None	deprecated
broadMauTranslationFreq	No	read-only	None	deprecated

**Table 595: snmpDot3MauTraps**

MIB Objects	Supported	Access	Default	Comments
rpMauJabberTrap	Yes	—	—	As per MIB
ifMauJabberTrap	Yes	—	—	As per MIB

## 10.2 FASTPATH-VPC-MIB

**Table 596: agentVpcConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentVpcMode	Yes	read-write	None	As per MIB
agentKeepalivePriority	No	read-write	None	obsolete
agentKeepaliveTimeout	No	read-write	None	obsolete
agentKeepaliveMode	No	read-write	None	obsolete
agentPeerLink	Yes	read-write	None	As per MIB
agentPeerDetectionMode	No	read-write	None	obsolete

**Table 597: agentVpcConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentVpcTrackPortMask	No	read-write	None	obsolete

**Table 598: agentPeerConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentPeerIpAddr	No	read-write	None	obsolete
agentSourceIpAddr	No	read-write	None	obsolete
agentDcpdpUdpPort	No	read-write	None	obsolete
agentPeerRowStatus	No	read-create	None	obsolete

**Table 599: agentVpcDomainConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentVpcDomainKeepalivePriority	Yes	read-write	None	As per MIB
agentVpcDomainKeepaliveTimeout	Yes	read-write	None	As per MIB
agentVpcDomainKeepaliveMode	Yes	read-write	None	As per MIB
agentVpcDomainPeerDetectionMode	Yes	read-write	None	As per MIB
agentVpcDomainSystemMac	Yes	read-write	None	As per MIB
agentVpcDomainSystemPriority	Yes	read-write	None	As per MIB
agentVpcDomainPeerDetectionInterval	Yes	read-write	None	As per MIB
agentVpcDomainPeerDetectionTimeout	Yes	read-write	None	As per MIB
agentVpcDomainPeerIpAddr	Yes	read-write	None	As per MIB
agentVpcDomainSourceIpAddr	Yes	read-write	None	As per MIB
agentVpcDomainDcpdpUdpPort	Yes	read-write	None	As per MIB
agentVpcDomainStatus	Yes	read-create	None	As per MIB

**Table 600: ageagentVpcPeerKeepAliveStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentVpcPeerKeepAliveTotalTx	Yes	read-only	None	As per MIB
agentVpcPeerKeepAliveSuccessTx	Yes	read-only	None	As per MIB

**Table 600: ageagentVpcPeerKeepAliveStatsGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentVpcPeerKeepAliveTxErrors	Yes	read-only	None	As per MIB
agentVpcPeerKeepAliveTotalRx	Yes	read-only	None	As per MIB
agentVpcPeerKeepAliveSuccessRx	Yes	read-only	None	As per MIB
agentVpcPeerKeepAliveRxErrors	Yes	read-only	None	As per MIB
agentVpcPeerKeepAliveTimeoutCount	Yes	read-only	None	As per MIB

**Table 601: agentVpcPeerLinkStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentVpcPeerLinkControlMsgTx	Yes	read-only	None	As per MIB
agentVpcPeerLinkTxErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkTxTimeout	Yes	read-only	None	As per MIB
agentVpcPeerLinkControlMsgAckTx	Yes	read-only	None	As per MIB
agentVpcPeerLinkControlMsgAckErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkControlMsgRx	Yes	read-only	None	As per MIB
agentVpcPeerLinkDataMsgTx	Yes	read-only	None	As per MIB
agentVpcPeerLinkDataMsgTxErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkDataMsgTxTimeout	Yes	read-only	None	As per MIB
agentVpcPeerLinkDataMsgRx	Yes	read-only	None	As per MIB
agentVpcPeerLinkBPDUTx	Yes	read-only	None	As per MIB
agentVpcPeerLinkBPDUTxErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkBPDURx	Yes	read-only	None	As per MIB
agentVpcPeerLinkBPDURxErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkLACPDUTx	Yes	read-only	None	As per MIB
agentVpcPeerLinkLACPDUTxErrors	Yes	read-only	None	As per MIB
agentVpcPeerLinkLACPDURx	Yes	read-only	None	As per MIB
agentVpcPeerLinkLACPDURxErrors	Yes	read-only	None	As per MIB

**Table 602: agentVpcStatusGroup**

MIB Objects	Supported	Access	Default	Comments
agentVpcPeerLinkStatus	Yes	read-only	None	As per MIB
agentVpcTotalVpcConfigured	Yes	read-only	None	As per MIB
agentVpcTotalVpcOperational	Yes	read-only	None	As per MIB
agentVpcSelfRole	Yes	read-only	None	As per MIB
agentVpcOperationMode	Yes	read-only	None	As per MIB
agentVpcPeerRole	Yes	read-only	None	As per MIB
agentVpcKeepaliveOperationalMode	Yes	read-only	None	As per MIB
agentVpcSystemMac	Yes	read-only	None	As per MIB
agentVpcState	Yes	read-only	None	As per MIB
agentVpcPeerPriority	Yes	read-only	None	As per MIB
agentVpcPeerMac	Yes	read-only	None	As per MIB
agentVpcPeerDetectionStatus	Yes	read-only	None	As per MIB

**Table 602: agentVpcStatusGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentVpclsPeerDetected	Yes	read-only	None	As per MIB

**Table 603: agentVpcSelfMemberStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentVpcSelfMemberStatusIntfState	Yes	read-only	None	As per MIB

**Table 604: agentVpcPeerMemberStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentVpcPeerMemberStatusIntfState	Yes	read-only	None	As per MIB

**Table 605: agentVpcStatusTable**

MIB Objects	Supported	Access	Default	Comments
agentVpcOperationalStatus	Yes	read-only	None	As per MIB
agentPortChannelId	Yes	read-only	None	As per MIB
agentVpcInterfaceState	Yes	read-only	None	As per MIB

## 10.3 FASTPATH-UDLD-MIB

**Table 606: agentUddGlobal**

MIB Objects	Supported	Access	Default	Comments
agentUddGlobalMode	Yes	read-write	None	As per MIB
agentUddMessageInterval	Yes	read-write	None	As per MIB
agentUddTimeoutInterval	Yes	read-write	None	As per MIB
agentUddReset	Yes	read-write	None	As per MIB

**Table 607: agentUddInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentUddInterfaceOperStatus	Yes	read-only	None	As per MIB
agentUddInterfaceAdminMode	Yes	read-write	None	As per MIB
agentUddInterfaceAggressiveMode	Yes	read-write	None	As per MIB

## 10.4 FASTPATH-ISDP-MIB

**Table 608: agentIsdpInterfaceTable**

MIB Objects	Supported	Access	Default	Comments
agentIsdpInterfaceEnable	Yes	read-write	None	As per MIB

**Table 609: agentIsdpCacheTable**

MIB Objects	Supported	Access	Default	Comments
agentIsdpCacheAddress	Yes	read-only	None	As per MIB
agentIsdpCacheLocalIntf	Yes	read-only	None	As per MIB
agentIsdpCacheVersion	Yes	read-only	None	As per MIB
agentIsdpCacheDeviceld	Yes	read-only	None	As per MIB
agentIsdpCacheDevicePort	Yes	read-only	None	As per MIB
agentIsdpCachePlatform	Yes	read-only	None	As per MIB
agentIsdpCacheCapabilities	Yes	read-only	None	As per MIB
agentIsdpCacheLastChange	Yes	read-only	None	As per MIB
agentIsdpCacheProtocolVersion	Yes	read-only	None	As per MIB
agentIsdpCacheHoldtime	Yes	read-only	None	As per MIB

**Table 610: agentIsdpGlobal**

MIB Objects	Supported	Access	Default	Comments
agentIsdpGlobalRun	Yes	read-write	1	As per MIB
agentIsdpGlobalMessageInterval	Yes	read-write	60	As per MIB
agentIsdpGlobalHoldTime	Yes	read-write	180	As per MIB
agentIsdpGlobalDeviceld	Yes	read-only	None	As per MIB
agentIsdpGlobalAdvertiseV2	Yes	read-write	None	As per MIB
agentIsdpGlobalDeviceldFormatCpb	Yes	read-only	None	As per MIB
agentIsdpGlobalDeviceldFormat	Yes	read-only	None	As per MIB

**Table 611: agentIsdpClear**

MIB Objects	Supported	Access	Default	Comments
agentIsdpClearStats	Yes	read-write	None	As per MIB
agentIsdpClearEntries	Yes	read-write	None	As per MIB

**Table 612: agentIsdpStatistics**

MIB Objects	Supported	Access	Default	Comments
agentIsdpStatisticsPduReceived	Yes	read-only	None	As per MIB
agentIsdpStatisticsPduTransmit	Yes	read-only	None	As per MIB
agentIsdpStatisticsV1PduReceived	Yes	read-only	None	As per MIB
agentIsdpStatisticsV1PduTransmit	Yes	read-only	None	As per MIB
agentIsdpStatisticsV2PduReceived	Yes	read-only	None	As per MIB

**Table 612: agentIsdpStatistics (Continued)**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
agentIsdpStatisticsV2PduTransmit	Yes	read-only	None	As per MIB
agentIsdpStatisticsBadHeaderPduReceived	Yes	read-only	None	As per MIB
agentIsdpStatisticsChkSumErrorPduReceived	Yes	read-only	None	As per MIB
agentIsdpStatisticsFailurePduTransmit	Yes	read-only	None	As per MIB
agentIsdpStatisticsInvalidFormatPduReceived	Yes	read-only	None	As per MIB
agentIsdpStatisticsTableFull	Yes	read-only	None	As per MIB
agentIsdpStatisticsIpAddressTableFull	Yes	read-only	None	As per MIB

## 10.5 FASTPATH-MVR-PRIVATE-MIB

**Table 613: mvrGlobalConfig**

MIB Objects	Supported	Access	Default	Comments
mvrAdminMode	Yes	read-write	false	As per MIB
mvrModeType	Yes	read-write	1	As per MIB
mvrMulticastVlanId	Yes	read-write	1	As per MIB
mvrMaxMulticastGroupsCount	Yes	read-only	None	As per MIB
mvrCurrentMulticastGroupsCount	Yes	read-only	None	As per MIB
mvrQueryTime	Yes	read-write	5	As per MIB

**Table 614: mvrPortTable**

MIB Objects	Supported	Access	Default	Comments
mvrPortMvrEnabled	Yes	read-write	false	As per MIB
mvrPortType	Yes	read-write	3	As per MIB
mvrPortImmediateLeaveMode	Yes	read-write	false	As per MIB
mvrPortStatus	Yes	read-only	None	As per MIB

**Table 615: mvrGroupTable**

MIB Objects	Supported	Access	Default	Comments
mvrGroupStatus	Yes	read-write	None	As per MIB
mvrGroupRowStatus	Yes	read-create	None	As per MIB

**Table 616: mvrPortMembershipTable**

MIB Objects	Supported	Access	Default	Comments
mvrPortMembershipRowStatus	Yes	read-create	None	As per MIB

**Table 617: mvrStatistics**

MIB Objects	Supported	Access	Default	Comments
mvrIGMPQueryReceived	Yes	read-only	None	As per MIB
mvrIGMPReportV1Received	Yes	read-only	None	As per MIB
mvrIGMPReportV2Received	Yes	read-only	None	As per MIB
mvrIGMPLeaveReceived	Yes	read-only	None	As per MIB
mvrIGMPQueryTransmitted	Yes	read-only	None	As per MIB
mvrIGMPReportV1Transmitted	Yes	read-only	None	As per MIB
mvrIGMPReportV2Transmitted	Yes	read-only	None	As per MIB
mvrIGMPLeaveTransmitted	Yes	read-only	None	As per MIB
mvrIGMPPacketReceiveFailures	Yes	read-only	None	As per MIB
mvrIGMPPacketTransmitFailures	Yes	read-only	None	As per MIB

## 10.6 FASTPATH-SWITCHING-MIB

**Table 618: agentInventoryGroup**

MIB Objects	Supported	Access	Default	Comments
agentInventorySysDescription	Yes	read-only	None	As per MIB
agentInventoryMachineType	Yes	read-only	None	As per MIB
agentInventoryMachineModel	Yes	read-only	None	As per MIB
agentInventorySerialNumber	Yes	read-only	None	As per MIB
agentInventoryFRUNumber	Yes	read-only	None	As per MIB
agentInventoryMaintenanceLevel	Yes	read-only	None	As per MIB
agentInventoryPartNumber	Yes	read-only	None	As per MIB
agentInventoryManufacturer	Yes	read-only	None	As per MIB
agentInventoryBurnedInMacAddress	Yes	read-only	None	As per MIB
agentInventoryOperatingSystem	Yes	read-only	None	As per MIB
agentInventoryNetworkProcessingDevice	Yes	read-only	None	As per MIB
agentInventoryAdditionalPackages	Yes	read-only	None	As per MIB
agentInventorySoftwareVersion	Yes	read-only	None	As per MIB
agentInventoryHardwareVersion	Yes	read-only	None	As per MIB

**Table 619: agentTrapLogGroup**

MIB Objects	Supported	Access	Default	Comments
agentTrapLogTotal	Yes	read-only	None	As per MIB
agentTrapLogTotalSinceLastViewed	Yes	read-only	None	As per MIB

**Table 620: agentTrapLogTable**

MIB Objects	Supported	Access	Default	Comments
agentTrapLogSystemTime	Yes	read-only	None	As per MIB
agentTrapLogTrap	Yes	read-only	None	As per MIB

**Table 621: agentSupportedMibTable**

MIB Objects	Supported	Access	Default	Comments
agentSupportedMibName	Yes	read-only	None	As per MIB
agentSupportedMibDescription	Yes	read-only	None	As per MIB

**Table 622: agentPortStatsRateTable**

MIB Objects	Supported	Access	Default	Comments
agentPortStatsRateBitsPerSecondRx	Yes	read-only	None	As per MIB
agentPortStatsRateBitsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRatePacketsPerSecondRx	Yes	read-only	None	As per MIB
agentPortStatsRatePacketsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRateOverflowBitsPerSecondRx	Yes	read-only	None	As per MIB

**Table 622: agentPortStatsRateTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentPortStatsRateOverflowBitsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRateOverflowPacketsPerSecondRx	Yes	read-only	None	As per MIB
agentPortStatsRateOverflowPacketsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRateHCBitsPerSecondRx	Yes	read-only	None	As per MIB
agentPortStatsRateHCBitsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRateHCPacketsPerSecondRx	Yes	read-only	None	As per MIB
agentPortStatsRateHCPacketsPerSecondTx	Yes	read-only	None	As per MIB
agentPortStatsRateLinkUtilizationRx	Yes	read-only	None	As per MIB
agentPortStatsRateLinkUtilizationTx	Yes	read-only	None	As per MIB

**Table 623: agentSwitchCpuProcessGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchCpuProcessMemFree	Yes	read-only	None	As per MIB
agentSwitchCpuProcessMemAvailable	Yes	read-only	2	As per MIB
agentSwitchCpuProcessRisingThreshold	Yes	read-write	0	As per MIB
agentSwitchCpuProcessRisingThresholdInterval	Yes	read-write	None	As per MIB
agentSwitchCpuProcessFallingThreshold	Yes	read-write	0	As per MIB
agentSwitchCpuProcessFallingThresholdInterval	Yes	read-write	None	As per MIB
agentSwitchCpuProcessFreeMemoryThreshold	Yes	read-write	0	As per MIB
agentSwitchCpuProcessTotalUtilization	Yes	read-only	None	As per MIB
agentSwitchCpuProcessMemFreePercentage	Yes	read-only	None	As per MIB
agentSwitchCpuProcessTotalUtilizationPercentage5sec	Yes	read-only	None	As per MIB
agentSwitchCpuProcessTotalUtilizationPercentage60sec	Yes	read-only	None	As per MIB
agentSwitchCpuProcessTotalUtilizationPercentage300sec	Yes	read-only	None	As per MIB

**Table 624: agentSwitchCpuProcessTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchCpuProcessName	Yes	read-only	None	As per MIB
agentSwitchCpuProcessPercentageUtilization	Yes	read-only	None	As per MIB
agentSwitchCpuProcessId	Yes	read-only	None	As per MIB

**Table 625: agentBufferUsageGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchBufferCapacity	Yes	read-only	None	As per MIB
agentSwitchBufferUsageln	Yes	read-only	None	As per MIB
agentSwitchBufferUsagelnHighest	Yes	read-only	None	As per MIB
agentSwitchBufferUsageOut	Yes	read-only	None	As per MIB
agentSwitchBufferUsageOutHighest	Yes	read-only	None	As per MIB

**Table 626: agentPortBufferUsageTable**

MIB Objects	Supported	Access	Default	Comments
agentPortBufferUsageIn	Yes	read-only	None	As per MIB
agentPortBufferUsageInHighest	Yes	read-only	None	As per MIB
agentPortBufferUsageOut	Yes	read-only	None	As per MIB
agentPortBufferUsageOutHighest	Yes	read-only	None	As per MIB

**Table 627: agentSwitchCpuCosQDropTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchCpuCosQDrops	Yes	read-only	None	As per MIB

**Table 628: agentSwitchMbufGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMbufsFree	Yes	read-only	None	As per MIB
agentSwitchMbufsTotal	Yes	read-only	None	As per MIB
agentSwitchMbufsUsed	Yes	read-only	None	As per MIB

**Table 629: agentSwitchMbufTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMbufClassName	Yes	read-only	None	As per MIB
agentSwitchMbufAllocAttempts	Yes	read-only	None	As per MIB
agentSwitchMbufAllocFails	Yes	read-only	None	As per MIB

**Table 630: agentCpuTrafficGroup**

MIB Objects	Supported	Access	Default	Comments
agentCpuTrafficMode	Yes	read-write	None	As per MIB
agentCpuTrafficTrace	Yes	read-write	None	As per MIB
agentCpuTrafficPacketDump	Yes	read-write	None	As per MIB

**Table 631: agentCpuTrafficTable**

MIB Objects	Supported	Access	Default	Comments
agentCpuTrafficFilterMask	Yes	read-write	None	As per MIB
agentCpuTrafficSourceIPType	Yes	read-write	None	As per MIB
agentCpuTrafficSourceIP	Yes	read-write	None	As per MIB
agentCpuTrafficSourceIPMaskType	Yes	read-write	None	As per MIB
agentCpuTrafficSourceIPMask	Yes	read-write	None	As per MIB
agentCpuTrafficDestinationIPType	Yes	read-write	None	As per MIB
agentCpuTrafficDestinationIP	Yes	read-write	None	As per MIB
agentCpuTrafficDestinationIPMaskType	Yes	read-write	None	As per MIB

**Table 631: agentCpuTrafficTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentCpuTrafficDestinationIPMask	Yes	read-write	None	As per MIB
agentCpuTrafficSourceMAC	Yes	read-write	None	As per MIB
agentCpuTrafficSourceMACMask	Yes	read-write	None	As per MIB
agentCpuTrafficDestinationMAC	Yes	read-write	None	As per MIB
agentCpuTrafficDestinationMACMask	Yes	read-write	None	As per MIB
agentCpuTrafficCustomFilter	Yes	read-write	0	As per MIB
agentCpuTrafficSourceTcpPort	Yes	read-write	0	As per MIB
agentCpuTrafficSourceTcpPortMask	Yes	read-write	0	As per MIB
agentCpuTrafficDestinationTcpPort	Yes	read-write	0	As per MIB
agentCpuTrafficDestinationTcpPortMask	Yes	read-write	0	As per MIB
agentCpuTrafficSourceUdpPort	Yes	read-write	0	As per MIB
agentCpuTrafficSourceUdpPortMask	Yes	read-write	0	As per MIB
agentCpuTrafficDestinationUdpPort	Yes	read-write	0	As per MIB
agentCpuTrafficDestinationUdpPortMask	Yes	read-write	0	As per MIB
agentCpuTrafficInterface	Yes	read-write	0	As per MIB
agentLoginSessionTable	Yes	read-write	None	As per MIB

**Table 632: agentLoginSessionTable**

MIB Objects	Supported	Access	Default	Comments
agentLoginSessionUserName	Yes	read-only	None	As per MIB
agentLoginSessionIPAddress	No	read-only	None	obsolete
agentLoginSessionConnectionType	Yes	read-only	None	As per MIB
agentLoginSessionIdleTime	Yes	read-only	None	As per MIB
agentLoginSessionSessionTime	Yes	read-only	None	As per MIB
agentLoginSessionStatus	Yes	read-write	None	As per MIB
agentLoginSessionInetAddressType	Yes	read-only	None	As per MIB
agentLoginSessionInetAddress	Yes	read-only	None	As per MIB

**Table 633: agentTelnetConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentTelnetLoginTimeout	Yes	read-write	None	As per MIB
agentTelnetMaxSessions	Yes	read-write	None	As per MIB
agentTelnetAllowNewMode	Yes	read-write	None	As per MIB
agentTelnetMgmtPortNum	Yes	read-write	None	As per MIB

**Table 634: agentUserConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentUserConfigCreate	Yes	read-write	None	As per MIB

**Table 635: agentUserConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentUserName	Yes	read-write	None	As per MIB
agentUserPassword	Yes	read-write	None	As per MIB
agentUserAccessMode	No	read-write	None	Deprecated
agentUserStatus	Yes	read-write	None	As per MIB
agentUserLockoutStatus	Yes	read-only	None	As per MIB
agentUserPasswordExpireTime	Yes	read-only	None	As per MIB
agentUserAccessLevel	Yes	read-write	None	As per MIB

**Table 636: agentSerialGroup**

MIB Objects	Supported	Access	Default	Comments
agentSerialTimeout	Yes	read-write	None	As per MIB
agentSerialBaudrate	Yes	read-write	None	As per MIB
agentSerialCharacterSize	Yes	read-only	None	As per MIB
agentSerialHWFlowControlMode	Yes	read-only	None	As per MIB
agentSerialStopBits	Yes	read-only	None	As per MIB
agentSerialParityType	Yes	read-only	None	As per MIB

**Table 637: agentPasswordManagementConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentPasswordManagementMinLength	Yes	read-write	None	As per MIB
agentPasswordManagementHistory	Yes	read-write	None	As per MIB
agentPasswordManagementAging	Yes	read-write	None	As per MIB
agentPasswordManagementLockAttempts	Yes	read-write	None	As per MIB
agentPasswordManagementPasswordStrengthCheck	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMinUpperCase	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMinLowerCase	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMinNumeric Numbers	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMinSpecial Characters	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMax ConsecutiveCharacters	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMaxRepeated Characters	Yes	read-write	None	As per MIB
agentPasswordManagementStrengthMinCharacter Classes	Yes	read-write	None	As per MIB
agentPasswordMgmtLastPasswordSetResult	Yes	read-only	None	As per MIB

**Table 638: agentPasswordManagementStrengthExcludeKeywordTable**

MIB Objects	Supported	Access	Default	Comments
agentPasswordMgmtStrengthExcludeKeywordStatus	Yes	read-create	None	As per MIB

**Table 639: agentIASUserConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentIASUserConfigCreate	Yes	read-write	None	As per MIB

**Table 640: agentIASUserConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentIASUserName	Yes	read-write	None	As per MIB
agentIASUserPassword	Yes	read-write	None	As per MIB
agentIASUserStatus	Yes	read-write	None	As per MIB

**Table 641: agentCLIBannerMsgConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentCLIBannerMessage	Yes	read-write	None	As per MIB

**Table 642: agentUserMgrTaskGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentUserMgrTaskGroupName	Yes	read-write	None	As per MIB
agentUserMgrTaskGroupDescription	Yes	read-write	None	As per MIB
agentUserMgrTaskGroupInherit	Yes	read-write	None	As per MIB
agentUserMgrTaskGroupRowStatus	Yes	read-write	None	As per MIB

**Table 643: agentUserMgrTaskGroupPermissionsTable**

MIB Objects	Supported	Access	Default	Comments
agentUserMgrTaskGroupTaskPermission	Yes	read-write	None	As per MIB
agentUserMgrTaskGroupTaskOperationalPermission	Yes	read-only	None	As per MIB

**Table 644: agentUserMgrUserGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentUserMgrUserGroupName	Yes	read-write	None	As per MIB
agentUserMgrUserGroupDescription	Yes	read-write	None	As per MIB
agentUserMgrUserGroupInherit	Yes	read-write	None	As per MIB
agentUserMgrUserGroupContainedTaskGroups	Yes	read-write	None	As per MIB
agentUserMgrUserGroupRowStatus	Yes	read-write	None	As per MIB

**Table 645: agentLagConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentLagConfigCreate	Yes	read-only	None	As per MIB
agentLagConfigStaticCapability	No	read-write	None	obsolete
agentLagConfigGroupHashOption	Yes	read-write	None	As per MIB
agentLagClearCounters	Yes	read-write	None	As per MIB

**Table 646: agentLagSummaryConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentLagSummaryName	Yes	read-write	None	As per MIB
agentLagSummaryFlushTimer	No	read-write	None	obsolete
agentLagSummaryLinkTrap	Yes	read-write	None	As per MIB
agentLagSummaryAdminMode	Yes	read-write	None	As per MIB
agentLagSummaryStpMode	Yes	read-write	None	As per MIB
agentLagSummaryAddPort	Yes	read-write	None	As per MIB
agentLagSummaryDeletePort	Yes	read-write	None	As per MIB
agentLagSummaryStatus	Yes	read-write	None	As per MIB
agentLagSummaryType	Yes	read-only	None	As per MIB
agentLagSummaryStaticCapability	Yes	read-write	2	As per MIB
agentLagSummaryHashOption	Yes	read-write	None	As per MIB
agentLagSummaryMinimumActiveLinks	Yes	read-write	1	As per MIB
agentLagSummaryMtuValue	Yes	read-write	1518	As per MIB
agentLagSummaryPortCounter	Yes	read-only	None	As per MIB

**Table 647: agentLagDetailedConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentLagDetailedPortSpeed	Yes	read-only	None	As per MIB
agentLagDetailedPortStatus	Yes	read-only	None	As per MIB
agentLagDetailedPortCounter	Yes	read-only	None	As per MIB

**Table 648: agentNetworkConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentNetworkIPAddress	Yes	read-write	None	As per MIB
agentNetworkSubnetMask	Yes	read-write	None	As per MIB
agentNetworkDefaultGateway	Yes	read-write	None	As per MIB
agentNetworkBurnedInMacAddress	Yes	read-only	None	As per MIB
agentNetworkLocalAdminMacAddress	Yes	read-write	None	As per MIB
agentNetworkMacAddressType	Yes	read-only	None	As per MIB
agentNetworkConfigProtocol	Yes	read-write	None	As per MIB
agentNetworkConfigProtocolDhcpRenew	Yes	read-write	None	As per MIB
agentNetworkWebMode	No	read-write	None	obsolete

**Table 648: agentNetworkConfigGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentNetworkJavaMode	No	read-write	None	obsolete
agentNetworkMgmtVlan	Yes	read-write	None	As per MIB
agentNetworkIpv6AdminMode	Yes	read-write	None	As per MIB
agentNetworkIpv6Gateway	Yes	read-write	None	As per MIB
agentNetworkIpv6AddressAutoConfig	Yes	read-write	2	As per MIB
agentNetworkIpv6ConfigProtocol	Yes	read-write	None	As per MIB
agentNetworkDhcp6ClientDuid	Yes	read-only	None	As per MIB

**Table 649: agentNetworkIpv6AddrTable**

MIB Objects	Supported	Access	Default	Comments
agentNetworkIpv6AddrPrefixLength	Yes	read-create	None	As per MIB
agentNetworkIpv6AddrEuiFlag	Yes	read-create	None	As per MIB
agentNetworkIpv6AddrStatus	Yes	read-create	None	As per MIB

**Table 650: agentNetworkStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentNetworkDhcp6ADVERTISEMessagesReceived	Yes	read-only	None	As per MIB
agentNetworkDhcp6REPLYMessagesReceived	Yes	read-only	None	As per MIB
agentNetworkDhcp6ADVERTISEMessagesDiscarded	Yes	read-only	None	As per MIB
agentNetworkDhcp6REPLYMessagesDiscarded	Yes	read-only	None	As per MIB
agentNetworkDhcp6MalformedMessagesReceived	Yes	read-only	None	As per MIB
agentNetworkDhcp6SOLICITMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6REQUESTMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6RENEWMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6REBINDMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6RELEASEMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6StatsReset	Yes	read-write	None	As per MIB
agentNetworkDhcp6DECLINEMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6CONFIRMMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6TOTALMessagesSent	Yes	read-only	None	As per MIB
agentNetworkDhcp6TOTALMessagesRecv	Yes	read-only	None	As per MIB

**Table 651: agentServicePortConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentServicePortIPAddress	Yes	read-write	None	As per MIB
agentServicePortSubnetMask	Yes	read-write	None	As per MIB
agentServicePortDefaultGateway	Yes	read-write	None	As per MIB
agentServicePortBurnedInMacAddress	Yes	read-only	None	As per MIB
agentServicePortConfigProtocol	Yes	read-write	None	As per MIB
agentServicePortProtocolDhcpRenew	Yes	read-write	None	As per MIB

**Table 651: agentServicePortConfigGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentServicePortIpv6AdminMode	Yes	read-write	None	As per MIB
agentServicePortIpv6Gateway	Yes	read-write	None	As per MIB
agentServicePortIpv6AddressAutoConfig	Yes	read-write	1	As per MIB
agentServicePortIpv6ConfigProtocol	Yes	read-write	None	As per MIB
agentServicePortDhcp6ClientDuid	Yes	read-only	None	As per MIB

**Table 652: agentServicePortIpv6AddrTable**

MIB Objects	Supported	Access	Default	Comments
agentServicePortIpv6AddrPrefixLength	Yes	read-create	None	As per MIB
agentServicePortIpv6AddrEuiFlag	Yes	read-create	None	As per MIB
agentServicePortIpv6AddrStatus	Yes	read-create	None	As per MIB

**Table 653: agentServicePortStatsGroup**

MIB Objects	Supported	Access	Default	Comments
agentServicePortDhcp6ADVERTISEMessagesReceived	Yes	read-only	None	As per MIB
agentServicePortDhcp6REPLYMessagesReceived	Yes	read-only	None	As per MIB
agentServicePortDhcp6ADVERTISEMessagesDiscarded	Yes	read-only	None	As per MIB
agentServicePortDhcp6REPLYMessagesDiscarded	Yes	read-only	None	As per MIB
agentServicePortDhcp6MalformedMessagesReceived	Yes	read-only	None	As per MIB
agentServicePortDhcp6SOLICITMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6REQUESTMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6RENEWMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6REBINDMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6RELEASEMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6StatsReset	Yes	read-write	None	As per MIB
agentServicePortDhcp6DECLINEMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6CONFIRMMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6TOTALMessagesSent	Yes	read-only	None	As per MIB
agentServicePortDhcp6TOTALMessagesRecv	Yes	read-only	None	As per MIB

**Table 654: agentVendorClassOptionConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpClientVendorClassIdMode	Yes	read-write	false	As per MIB
agentDhcpClientVendorClassIdString	Yes	read-write	None	As per MIB

**Table 655: agentSnmpConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSnmpTrapSourceInterface	Yes	read-write	None	As per MIB
agentSnmpServerPortNum	Yes	read-write	None	As per MIB

**Table 655: agentSnmpConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSnmpTrapServicePortSrcInterface	Yes	read-write	None	As per MIB
agentSnmpTrapDefaultPortNum	Yes	read-write	None	As per MIB
agentSnmpServerProxyMode	No	read-write	None	obsolete

**Table 656: agentSnmpTrapFlagsConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSnmpAuthenticationTrapFlag	Yes	read-write	None	As per MIB
agentSnmpLinkUpDownTrapFlag	Yes	read-write	None	As per MIB
agentSnmpMultipleUsersTrapFlag	Yes	read-write	None	As per MIB
agentSnmpSpanningTreeTrapFlag	Yes	read-write	None	As per MIB
agentSnmpBroadcastStormTrapFlag	No	read-write	None	obsolete

**Table 657: agentSpanningTreeConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSpanningTreeMode	No	read-write	None	obsolete

**Table 658: agentSwitchConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchFdbAddressAgingTimeout	Yes	read-write	300	As per MIB

**Table 659: agentSwitchAddressAgingTimeoutTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchAddressAgingTimeout	No	read-write	300	deprecated

**Table 660: agentSwitchStaticMacFilteringTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchStaticMacFilteringSourcePortMask	Yes	read-write	None	As per MIB
agentSwitchStaticMacFilteringDestPortMask	Yes	read-write	None	As per MIB
agentSwitchStaticMacFilteringStatus	Yes	read-create	None	As per MIB

**Table 661: agentSwitchSnoopSSMGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopSSMGroupLastReporter	Yes	read-only	None	As per MIB
agentSwitchSnoopSSMGroupSourceFilterMode	Yes	read-only	None	As per MIB

**Table 662: agentSwitchSnoopSSMFDBTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopSSMFDBIncludePortList	Yes	read-only	None	As per MIB
agentSwitchSnoopSSMFDBExcludePortList	Yes	read-only	None	As per MIB

**Table 663: agentSwitchStormControlGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchDot3FlowControlMode	Yes	read-write	3	As per MIB
agentSwitchBroadcastControlMode	Yes	read-write	2	As per MIB
agentSwitchBroadcastControlThreshold	Yes	read-write	5	As per MIB
agentSwitchMulticastControlMode	Yes	read-write	2	As per MIB
agentSwitchMulticastControlThreshold	Yes	read-write	5	As per MIB
agentSwitchUnicastControlMode	Yes	read-write	2	As per MIB
agentSwitchUnicastControlThreshold	Yes	read-write	5	As per MIB
agentSwitchBroadcastControlThresholdUnit	Yes	read-write	1	As per MIB
agentSwitchMulticastControlThresholdUnit	Yes	read-write	1	As per MIB
agentSwitchUnicastControlThresholdUnit	Yes	read-write	1	As per MIB
agentSwitchBroadcastStormControlAction	Yes	read-write	0	As per MIB
agentSwitchMulticastStormControlAction	Yes	read-write	0	As per MIB
agentSwitchUnicastStormControlAction	Yes	read-write	0	As per MIB
agentSwitchStormControlType	Yes	accessible-for-notify	None	As per MIB
agentSwitchStormControlAction	Yes	accessible-for-notify	None	As per MIB

**Table 664: agentSwitchSnoopingCfgTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopingAdminMode	Yes	read-write	2	As per MIB
agentSwitchSnoopingPortMask	Yes	read-write	'000000000000'H	As per MIB
agentSwitchSnoopingMulticastControlFramesProcessed	Yes	read-only	None	As per MIB

**Table 665: agentSwitchSnoopingIntfTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopingIntfIndex	Yes	read-only	None	As per MIB
agentSwitchSnoopingIntfAdminMode	Yes	read-write	2	As per MIB
agentSwitchSnoopingIntfGroupMembershipInterval	Yes	read-write	260	As per MIB
agentSwitchSnoopingIntfMaxResponseTime	Yes	read-write	10	As per MIB
agentSwitchSnoopingIntfMRPEXpirationTime	Yes	read-write	0	As per MIB
agentSwitchSnoopingIntfFastLeaveAdminMode	Yes	read-write	2	As per MIB
agentSwitchSnoopingIntfMulticastRouterMode	Yes	read-write	2	As per MIB
agentSwitchSnoopingIntfVlanIDs	Yes	read-only	None	As per MIB

**Table 666: agentSwitchSnoopingVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopingVlanAdminMode	Yes	read-write	0	As per MIB
agentSwitchSnoopingVlanGroupMembershipInterval	Yes	read-write	260	As per MIB
agentSwitchSnoopingVlanMaxResponseTime	Yes	read-write	10	As per MIB
agentSwitchSnoopingVlanFastLeaveAdminMode	Yes	read-write	0	As per MIB
agentSwitchSnoopingVlanMRPEExpirationTime	Yes	read-write	0	As per MIB
agentSwitchSnoopingVlanReportSuppMode	Yes	read-write	0	As per MIB

**Table 667: agentSwitchVlanStaticMrouterTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchVlanStaticMrouterAdminMode	Yes	read-write	0	As per MIB

**Table 668: agentSwitchMFDBGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMFDBMaxTableEntries	Yes	read-only	None	As per MIB
agentSwitchMFDBMostEntriesUsed	Yes	read-only	None	As per MIB
agentSwitchMFDBCurrentEntries	Yes	read-only	None	As per MIB

**Table 669: agentSwitchMFDBTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMFDBType	Yes	read-only	None	As per MIB
agentSwitchMFDBDescription	Yes	read-only	None	As per MIB
agentSwitchMFDBForwardingPortMask	Yes	read-only	None	As per MIB
agentSwitchMFDBFilteringPortMask	Yes	read-only	None	As per MIB

**Table 670: agentSwitchMFDBSummaryTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMFDBSummaryForwardingPortMask	Yes	read-only	None	As per MIB

**Table 671: agentSwitchDVlanTagGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchDVlanTagEthertype	Yes	read-write	None	As per MIB

**Table 672: agentSwitchPortDVlanTagTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchPortDVlanTagMode	Yes	read-create	None	As per MIB
agentSwitchPortDVlanTagCustomerId	Yes	read-create	None	As per MIB

**Table 672: agentSwitchPortDVlanTagTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentSwitchPortDVlanTagRowStatus	Yes	read-create	None	As per MIB

**Table 673: agentSwitchDVlanTagTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchDVlanTagPrimaryTPid	Yes	read-create	None	As per MIB
agentSwitchDVlanTagRowStatus	Yes	read-create	None	As per MIB

**Table 674: agentSwitchProtectedPortTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchProtectedPortGroupName	Yes	read-write	None	As per MIB
agentSwitchProtectedPortPortList	Yes	read-write	None	As per MIB

**Table 675: agentSwitchSnoopingQuerierCfgTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopingQuerierAdminMode	Yes	read-write	2	As per MIB
agentSwitchSnoopingQuerierVersion	Yes	read-write	None	As per MIB
agentSwitchSnoopingQuerierAddress	Yes	read-write	None	As per MIB
agentSwitchSnoopingQuerierQueryInterval	Yes	read-write	60	As per MIB
agentSwitchSnoopingQuerierExpiryInterval	Yes	read-write	60	As per MIB

**Table 676: agentSwitchSnoopingQuerierVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchSnoopingQuerierVlanAdminMode	Yes	read-write	0	As per MIB
agentSwitchSnoopingQuerierVlanOperMode	Yes	read-only	0	As per MIB
agentSwitchSnoopingQuerierElectionParticipateMode	Yes	read-write	0	As per MIB
agentSwitchSnoopingQuerierVlanAddress	Yes	read-write	None	As per MIB
agentSwitchSnoopingQuerierOperVersion	Yes	read-only	None	As per MIB
agentSwitchSnoopingQuerierOperMaxResponseTime	Yes	read-only	None	As per MIB
agentSwitchSnoopingQuerierLastQuerierAddress	Yes	read-only	None	As per MIB
agentSwitchSnoopingQuerierLastQuerierVersion	Yes	read-only	None	As per MIB

**Table 677: agentTransferUploadGroup**

MIB Objects	Supported	Access	Default	Comments
agentTransferUploadMode	Yes	read-write	None	As per MIB
agentTransferUploadServerIP	No	read-write	None	deprecated
agentTransferUploadPath	Yes	read-write	None	As per MIB
agentTransferUploadFilename	Yes	read-write	None	As per MIB
agentTransferUploadDataType	Yes	read-write	None	As per MIB

**Table 677: agentTransferUploadGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentTransferUploadStart	Yes	read-write	None	As per MIB
agentTransferUploadStatus	Yes	read-only	None	As per MIB
agentTransferUploadServerAddressType	Yes	read-write	None	As per MIB
agentTransferUploadServerAddress	Yes	read-write	None	As per MIB
agentTransferUploadImagename	Yes	read-write	None	As per MIB
agentTransferUploadUsername	Yes	read-write	None	As per MIB
agentTransferUploadPassword	Yes	read-write	None	As per MIB
agentTransferUploadRemoteFilename	Yes	read-write	None	As per MIB
agentTransferUploadSourceInterface	Yes	read-write	None	As per MIB
agentTransferUploadServicePortSrcInterface	Yes	read-write	None	As per MIB
agentTransferUploadUnitId	Yes	read-write	None	As per MIB
agentTransferUploadLicenseKeyIndex	Yes	read-write	None	As per MIB

**Table 678: agentTransferDownloadGroup**

MIB Objects	Supported	Access	Default	Comments
agentTransferDownloadMode	Yes	read-write	None	As per MIB
agentTransferDownloadServerIP	No	read-write	None	deprecated
agentTransferDownloadPath	Yes	read-write	None	As per MIB
agentTransferDownloadFilename	Yes	read-write	None	As per MIB
agentTransferDownloadDataType	Yes	read-write	None	As per MIB
agentTransferDownloadStart	Yes	read-write	None	As per MIB
agentTransferDownloadStatus	Yes	read-only	None	As per MIB
agentTransferDownloadServerAddressType	Yes	read-write	None	As per MIB
agentTransferDownloadServerAddress	Yes	read-write	None	As per MIB
agentTransferDownloadImagename	Yes	read-write	None	As per MIB
agentTransferDownloadUsername	Yes	read-write	None	As per MIB
agentTransferDownloadPassword	Yes	read-write	None	As per MIB
agentTransferDownloadRemoteFilename	Yes	read-write	None	As per MIB
agentTransferDownloadDigitalSignatureVerifySelect	Yes	read-write	None	As per MIB
agentTransferDownloadSourceInterface	Yes	read-write	None	As per MIB
agentTransferDownloadServicePortSrcInterface	Yes	read-write	None	As per MIB
agentTransferDownloadCertificateNum	Yes	read-write	None	As per MIB
agentTransferDownloadHttpsServerCertVerifySelect	Yes	read-write	None	As per MIB
agentTransferLicenseKeyIndex	Yes	read-write	None	As per MIB

**Table 679: agentImageConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentImage1	No	read-only	None	obsolete
agentImage2	No	read-only	None	obsolete
agentActiveImage	No	read-only	None	obsolete
agentNextActiveImage	No	read-write	None	obsolete

**Table 679: agentImageConfigGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentActiveImageVersion	Yes	read-only	None	As per MIB
agentBackupImageVersion	Yes	read-only	None	As per MIB
agentNextSelectedImage	Yes	read-write	None	As per MIB

**Table 680: agentPortMirroringGroup**

MIB Objects	Supported	Access	Default	Comments
agentMirroredPortIfIndex	No	read-write	0	obsolete
agentProbePortIfIndex	No	read-write	0	obsolete
agentPortMirroringMode	No	read-write	2	obsolete
agentPortMirrorRemoteVlan	No	read-write	None	obsolete

**Table 681: agentPortMirrorTable**

MIB Objects	Supported	Access	Default	Comments
agentPortMirrorDestinationPort	Yes	read-write	None	As per MIB
agentPortMirrorSourcePortMask	Yes	read-write	None	As per MIB
agentPortMirrorAdminMode	Yes	read-write	None	As per MIB
agentPortMirrorSourceVlan	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSourceVlan	Yes	read-write	None	As per MIB
agentPortMirrorRemoteDestinationVlan	Yes	read-write	None	As per MIB
agentPortMirrorReflectorPort	Yes	read-write	None	As per MIB
agentPortMirrorDestPortRspanTag	Yes	read-write	None	As per MIB
agentPortMirrorIpAccessListNumber	Yes	read-write	None	As per MIB
agentPortMirrorMacAccessListNumber	Yes	read-write	None	As per MIB
agentPortMirrorRemoteDstErspanSrcId	Yes	read-write	None	As per MIB
agentPortMirrorRemoteDstErspanSrcIp	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstId	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstIp	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstOriginIp	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstIpTtl	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstIpDscp	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstIpPrec	Yes	read-write	None	As per MIB
agentPortMirrorRemoteSrcErspanDstReflectorPort	Yes	read-write	None	As per MIB

**Table 682: agentPortMirrorTypeTable**

MIB Objects	Supported	Access	Default	Comments
agentPortMirrorTypeType	Yes	read-write	3	As per MIB

**Table 683: agentPortMirrorRemoteVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentPortMirrorRemoteVlanRowStatus	Yes	read-create	None	As per MIB

**Table 684: agentDot3adAggPortTable**

MIB Objects	Supported	Access	Default	Comments
agentDot3adAggPortLACPMODE	Yes	read-write	None	As per MIB

**Table 685: agentSwitchportConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchportMode	Yes	read-write	None	As per MIB
agentSwitchportAccessVlanID	Yes	read-write	None	As per MIB
agentSwitchportTrunkNativeVlanID	Yes	read-write	None	As per MIB
agentSwitchportTrunkNativeVlanTagging	Yes	read-only	None	As per MIB
agentSwitchportTrunkAllowedVlanList	Yes	read-write	None	As per MIB
agentSwitchportGeneralUntaggedVlanList	Yes	read-only	None	As per MIB
agentSwitchportGeneralTaggedVlanList	Yes	read-only	None	As per MIB
agentSwitchportGeneralForbiddenVlanList	Yes	read-only	None	As per MIB
agentSwitchportGeneralDynamicallyAddedVlanList	Yes	read-only	None	As per MIB

**Table 686: agentPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentPortIfIndex	Yes	read-only	None	As per MIB
agentPortLanaType	Yes	read-only	None	As per MIB
agentPortSTPMode	No	read-write	None	obsolete
agentPortSTPState	No	read-only	None	obsolete
agentPortAdminMode	Yes	read-write	None	As per MIB
agentPortPhysicalMode	No	read-write	None	obsolete
agentPortPhysicalStatus	No	read-only	None	obsolete
agentPortLinkTrapMode	Yes	read-write	None	As per MIB
agentPortClearStats	Yes	read-write	None	As per MIB
agentPortDefaultType	Yes	read-write	None	As per MIB
agentPortType	Yes	read-only	None	As per MIB
agentPortAutoNegAdminStatus	Yes	read-write	None	As per MIB
agentPortDot3FlowControlMode	No	read-write	None	Not implemented
agentPortDVlanTagMode	Yes	read-write	None	As per MIB
agentPortDVlanTagEthertype	Yes	read-write	None	As per MIB
agentPortDVlanTagCustomerId	Yes	read-write	None	As per MIB
agentPortMaxFrameSizeLimit	Yes	read-only	None	As per MIB
agentPortMaxFrameSize	Yes	read-write	None	As per MIB
agentPortBroadcastControlMode	Yes	read-write	None	As per MIB

**Table 686: agentPortConfigTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentPortBroadcastControlThreshold	Yes	read-write	None	As per MIB
agentPortMulticastControlMode	Yes	read-write	None	As per MIB
agentPortMulticastControlThreshold	Yes	read-write	None	As per MIB
agentPortUnicastControlMode	Yes	read-write	None	As per MIB
agentPortUnicastControlThreshold	Yes	read-write	None	As per MIB
agentPortBroadcastControlThresholdUnit	Yes	read-write	1	As per MIB
agentPortMulticastControlThresholdUnit	Yes	read-write	1	As per MIB
agentPortUnicastControlThresholdUnit	Yes	read-write	1	As per MIB
agentPortDot3FlowControlOperStatus	Yes	read-only	None	As per MIB
agentPortDDisableAutorecoveryTime	Yes	read-only	None	As per MIB
agentPortDDisableComponents	Yes	read-only	None	As per MIB
agentPortSwitchportMode	Yes	read-write	None	As per MIB
agentPortDDisableReason	No	read-only	None	Not implemented
agentPortBroadcastControlAction	Yes	read-write	0	As per MIB
agentPortMulticastControlAction	Yes	read-write	0	As per MIB
agentPortUnicastControlAction	Yes	read-write	0	As per MIB

**Table 687: agentStpSwitchConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentStpConfigDigestKey	Yes	read-only	None	As per MIB
agentStpConfigFormatSelector	Yes	read-only	None	As per MIB
agentStpConfigName	Yes	read-write	None	As per MIB
agentStpConfigRevision	Yes	read-write	1	As per MIB
agentStpForceVersion	Yes	read-write	None	As per MIB
agentStpAdminMode	Yes	read-write	None	As per MIB
agentStpBpduGuardMode	Yes	read-write	None	As per MIB
agentStpBpduFilterDefault	Yes	read-write	None	As per MIB

**Table 688: agentStpPortTable**

MIB Objects	Supported	Access	Default	Comments
agentStpPortState	Yes	read-write	None	As per MIB
agentStpPortStatsMstpBpduRx	Yes	read-only	None	As per MIB
agentStpPortStatsMstpBpduTx	Yes	read-only	None	As per MIB
agentStpPortStatsRstpBpduRx	Yes	read-only	None	As per MIB
agentStpPortStatsRstpBpduTx	Yes	read-only	None	As per MIB
agentStpPortStatsStpBpduRx	Yes	read-only	None	As per MIB
agentStpPortStatsStpBpduTx	Yes	read-only	None	As per MIB
agentStpPortUpTime	Yes	read-only	None	As per MIB
agentStpPortMigrationCheck	Yes	read-write	None	As per MIB

**Table 689: agentStpCstConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentStpCstHelloTime	Yes	read-only	None	As per MIB
agentStpCstMaxAge	Yes	read-only	None	As per MIB
agentStpCstRegionalRootId	Yes	read-only	None	As per MIB
agentStpCstRegionalRootPathCost	Yes	read-only	None	As per MIB
agentStpCstRootFwdDelay	Yes	read-only	None	As per MIB
agentStpCstBridgeFwdDelay	Yes	read-write	15	As per MIB
agentStpCstBridgeHelloTime	Yes	read-only	2	As per MIB
agentStpCstBridgeHoldTime	Yes	read-only	None	As per MIB
agentStpCstBridgeMaxAge	Yes	read-write	20	As per MIB
agentStpCstBridgeMaxHops	Yes	read-write	20	As per MIB
agentStpCstBridgePriority	Yes	read-write	32768	As per MIB
agentStpCstBridgeHoldCount	Yes	read-write	6	As per MIB

**Table 690: agentStpCstPortTable**

MIB Objects	Supported	Access	Default	Comments
agentStpCstPortOperEdge	Yes	read-only	None	As per MIB
agentStpCstPortOperPointToPoint	Yes	read-only	None	As per MIB
agentStpCstPortTopologyChangeAck	Yes	read-only	None	As per MIB
agentStpCstPortEdge	Yes	read-write	None	As per MIB
agentStpCstPortForwardingState	Yes	read-only	None	As per MIB
agentStpCstPortId	Yes	read-only	None	As per MIB
agentStpCstPortPathCost	Yes	read-write	None	As per MIB
agentStpCstPortPriority	Yes	read-write	128	As per MIB
agentStpCstDesignatedBridgId	Yes	read-only	None	As per MIB
agentStpCstDesignatedCost	Yes	read-only	None	As per MIB
agentStpCstDesignatedPortId	Yes	read-only	None	As per MIB
agentStpCstExtPortPathCost	Yes	read-write	None	As per MIB
agentStpCstPortBpduGuardEffect	Yes	read-only	None	As per MIB
agentStpCstPortBpduFilter	Yes	read-write	None	As per MIB
agentStpCstPortBpduFlood	Yes	read-write	None	As per MIB
agentStpCstPortAutoEdge	Yes	read-write	None	As per MIB
agentStpCstPortRootGuard	Yes	read-write	None	As per MIB
agentStpCstPortTCNGuard	Yes	read-write	None	As per MIB
agentStpCstPortLoopGuard	Yes	read-write	None	As per MIB

**Table 691: agentStpMstTable**

MIB Objects	Supported	Access	Default	Comments
agentStpMstBridgePriority	Yes	read-write	None	As per MIB
agentStpMstBridgeIdentifier	Yes	read-only	None	As per MIB
agentStpMstDesignatedRootId	Yes	read-only	None	As per MIB

**Table 691: agentStpMstTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentStpMstRootPathCost	Yes	read-only	None	As per MIB
agentStpMstRootPortId	Yes	read-only	None	As per MIB
agentStpMstTimeSinceTopologyChange	Yes	read-only	None	As per MIB
agentStpMstTopologyChangeCount	Yes	read-only	None	As per MIB
agentStpMstTopologyChangeParm	Yes	read-only	None	As per MIB
agentStpMstRowStatus	Yes	read-create	None	As per MIB

**Table 692: agentStpMstPortTable**

MIB Objects	Supported	Access	Default	Comments
agentStpMstPortForwardingState	Yes	read-only	None	As per MIB
agentStpMstPortId	Yes	read-only	None	As per MIB
agentStpMstPortPathCost	Yes	read-write	None	As per MIB
agentStpMstPortPriority	Yes	read-write	128	As per MIB
agentStpMstDesignatedBridgId	Yes	read-only	None	As per MIB
agentStpMstDesignatedCost	Yes	read-only	None	As per MIB
agentStpMstDesignatedPortId	Yes	read-only	None	As per MIB
agentStpMstPortLoopInconsistentState	Yes	read-only	None	As per MIB
agentStpMstPortTransitionsIntoLoopInconsistentState	Yes	read-only	None	As per MIB
agentStpMstPortTransitionsOutOfLoopInconsistentState	Yes	read-only	None	As per MIB

**Table 693: agentStpMstVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentStpMstVlanRowStatus	Yes	read-create	None	As per MIB

**Table 694: agentAuthenticationGroup**

MIB Objects	Supported	Access	Default	Comments
agentAuthenticationListCreate	Yes	read-write	None	As per MIB
agentUserConfigDefaultAuthenticationList	Yes	read-write	None	As per MIB

**Table 695: agentAuthenticationListTable**

MIB Objects	Supported	Access	Default	Comments
agentAuthenticationListName	Yes	read-only	None	As per MIB
agentAuthenticationListMethod1	Yes	read-write	None	As per MIB
agentAuthenticationListMethod2	Yes	read-write	None	As per MIB
agentAuthenticationListMethod3	Yes	read-write	None	As per MIB
agentAuthenticationListStatus	Yes	read-write	None	As per MIB
agentAuthenticationListMethod4	Yes	read-write	None	As per MIB
agentAuthenticationListMethod5	Yes	read-write	None	As per MIB

**Table 696: agentUserAuthenticationConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentUserAuthenticationList	Yes	read-write	None	As per MIB

**Table 697: agentUserPortConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentUserPortSecurity	Yes	read-write	None	As per MIB

**Table 698: agentExecAccountingGroup**

MIB Objects	Supported	Access	Default	Comments
agentExecAccountingListCreate	Yes	read-write	None	As per MIB

**Table 699: agentExecAccountingListTable**

MIB Objects	Supported	Access	Default	Comments
agentExecAccountingListName	Yes	read-only	None	As per MIB
agentExecAccountingMethodType	Yes	read-write	None	As per MIB
agentExecAccountingListMethod1	Yes	read-write	None	As per MIB
agentExecAccountingListMethod2	Yes	read-write	None	As per MIB
agentExecAccountingListStatus	Yes	read-write	None	As per MIB

**Table 700: agentCmdsAccountingGroup**

MIB Objects	Supported	Access	Default	Comments
agentCmdsAccountingListCreate	Yes	read-write	None	As per MIB

**Table 701: agentCmdsAccountingListTable**

MIB Objects	Supported	Access	Default	Comments
agentCmdsAccountingListName	Yes	read-only	None	As per MIB
agentCmdsAccountingMethodType	Yes	read-write	None	As per MIB
agentCmdsAccountingListMethod1	Yes	read-write	None	As per MIB
agentCmdsAccountingListStatus	Yes	read-write	None	As per MIB

**Table 702: agentClassOfServicePortTable**

MIB Objects	Supported	Access	Default	Comments
agentClassOfServicePortClass	Yes	read-write	None	As per MIB

**Table 703: agentHTTPConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentHTTPWebMode	Yes	read-write	None	As per MIB
agentHTTPJavaMode	No	read-write	None	Obsolete
agentHTTPMaxSessions	Yes	read-write	None	As per MIB
agentHTTPHardTimeout	Yes	read-write	None	As per MIB
agentHTTPSoftTimeout	Yes	read-write	None	As per MIB
agentHTTPWebMgmtPortNum	Yes	read-write	None	As per MIB

**Table 704: agentAutoInstallConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentAutoinstallMode	Yes	read-write	None	As per MIB
agentAutoinstallAutosaveMode	Yes	read-write	None	As per MIB
agentAutoinstallUnicastRetryCount	Yes	read-write	None	As per MIB
agentAutoinstallStatus	Yes	read-only	None	As per MIB
agentAutoinstallAutoRebootMode	Yes	read-write	None	As per MIB
agentAutoinstallOperationalMode	Yes	read-write	None	As per MIB

**Table 705: agentDDisableAutorecoveryConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDDisableAutorecoveryStatus	Yes	read-write	None	As per MIB
agentDDisableAutorecoveryTimeout	Yes	read-write	None	As per MIB
agentDDisableAutorecoveryCause	Yes	read-write	None	As per MIB

**Table 706: agentCmdsAuthorizationGroup**

MIB Objects	Supported	Access	Default	Comments
agentCmdsAuthorizationListCreate	Yes	read-write	None	As per MIB

**Table 707: agentCmdsAuthorizationListTable**

MIB Objects	Supported	Access	Default	Comments
agentCmdsAuthorizationListName	Yes	read-only	None	As per MIB
agentCmdsynAuthorizationListStatus	Yes	read-write	None	As per MIB
agentCmdsAuthorizationListMethod1	Yes	read-write	None	As per MIB
agentCmdsAuthorizationListMethod2	Yes	read-write	None	As per MIB
agentCmdsAuthorizationListMethod3	Yes	read-write	None	As per MIB

**Table 708: agentExecAuthorizationGroup**

MIB Objects	Supported	Access	Default	Comments
agentExecAuthorizationListCreate	Yes	read-write	None	As per MIB

**Table 709: agentExecAuthorizationListTable**

MIB Objects	Supported	Access	Default	Comments
agentExecAuthorizationListName	Yes	read-only	None	As per MIB
agentExecAuthorizationListStatus	Yes	read-write	None	As per MIB
agentExecAuthorizationListMethod1	Yes	read-write	None	As per MIB
agentExecAuthorizationListMethod2	Yes	read-write	None	As per MIB
agentExecAuthorizationListMethod3	Yes	read-write	None	As per MIB
agentExecAuthorizationListMethod4	Yes	read-write	None	As per MIB

**Table 710: agentSwitchMbufConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchMbufRisingThreshold	Yes	read-write	None	As per MIB
agentSwitchMbufFallingThreshold	Yes	read-write	None	As per MIB
agentSwitchMbufNotificationSeverity	Yes	read-write	None	As per MIB

**Table 711: agentDigitalSignatureConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDigitalSignatureVerifyMode	Yes	read-write	None	As per MIB

**Table 712: agentDynamicAuthorizationGroup**

MIB Objects	Supported	Access	Default	Comments
agentDynamicAuthorizationMode	Yes	read-write	None	As per MIB
agentDynamicAuthorizationServerKey	Yes	read-write	None	As per MIB
agentDynamicAuthorizationEncryptServerKey	Yes	read-write	None	As per MIB
agentDynamicAuthorizationPortNum	Yes	read-write	3799	As per MIB
agentDynamicAuthorizationType	Yes	read-write	2	As per MIB
agentDynamicAuthorizationIgnoreSessionKey	Yes	read-write	None	As per MIB
agentDynamicAuthorizationIgnoreServerKey	Yes	read-write	None	As per MIB
agentDynamicAuthorizationStatsClear	Yes	read-write	2	As per MIB
agentDynamicAuthorizationIgnoreBouncePortCommand	Yes	read-write	None	As per MIB

**Table 713: agentSystemGroup**

MIB Objects	Supported	Access	Default	Comments
agentSaveConfig	Yes	read-write	None	As per MIB
agentClearConfig	Yes	read-write	None	As per MIB
agentClearLoginSessions	Yes	read-write	None	As per MIB
agentClearPasswords	Yes	read-write	None	As per MIB
agentClearPortStats	Yes	read-write	None	As per MIB
agentClearSwitchStats	Yes	read-write	None	As per MIB
agentClearTrapLog	Yes	read-write	None	As per MIB

**Table 713: agentSystemGroup (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentClearVlan	Yes	read-write	None	As per MIB
agentResetSystem	Yes	read-write	None	As per MIB
agentSaveConfigStatus	Yes	read-only	None	As per MIB
agentStartupConfigErase	Yes	read-write	None	As per MIB
agentFactoryDefaultsErase	Yes	read-write	None	As per MIB
agentReloadConfig	Yes	read-write	None	As per MIB
agentClearInterfaceConfig	Yes	read-write	None	As per MIB

**Table 714: agentDynamicAuthorizationClientTable**

MIB Objects	Supported	Access	Default	Comments
agentDynamicAuthorizationClientServerKey	Yes	read-create	None	As per MIB
agentDynamicAuthorizationClientEncryptServerKey	Yes	read-create	None	As per MIB
agentDynamicAuthorizationClientRowStatus	Yes	read-create	None	As per MIB

**Table 715: agentCableTesterGroup**

MIB Objects	Supported	Access	Default	Comments
agentCableTesterStatus	Yes	read-write	4	As per MIB
agentCableTesterIfIndex	Yes	read-write	0	As per MIB
agentCableTesterCableStatus	Yes	read-only	4	As per MIB
agentCableTesterMinimumCableLength	Yes	read-only	0	As per MIB
agentCableTesterMaximumCableLength	Yes	read-only	0	As per MIB
agentCableTesterCableFailureLocation	Yes	read-only	0	As per MIB

**Table 716: agentDaiConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDaiSrcMacValidate	Yes	read-write	false	As per MIB
agentDaiDstMacValidate	Yes	read-write	false	As per MIB
agentDaiIPValidate	Yes	read-write	false	As per MIB
agentDaiStatsReset	Yes	read-write	None	As per MIB
agentDaiInterfaceValidate	Yes	read-write	None	As per MIB

**Table 717: agentDaiVlanStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDaiVlanPktsForwarded	Yes	read-only	None	As per MIB
agentDaiVlanPktsDropped	Yes	read-only	None	As per MIB
agentDaiVlanDhcpDrops	Yes	read-only	None	As per MIB
agentDaiVlanDhcpPermits	Yes	read-only	None	As per MIB
agentDaiVlanAclDrops	Yes	read-only	None	As per MIB
agentDaiVlanAclPermits	Yes	read-only	None	As per MIB

**Table 717: agentDaiVlanStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDaiVlanSrcMacFailures	Yes	read-only	None	As per MIB
agentDaiVlanDstMacFailures	Yes	read-only	None	As per MIB
agentDaiVlanIpValidFailures	Yes	read-only	None	As per MIB
agentDaiVlanAclDenials	Yes	read-only	None	As per MIB

**Table 718: agentDaiVlanConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDaiVlanDynArpInspEnable	Yes	read-write	false	As per MIB
agentDaiVlanLoggingEnable	Yes	read-write	true	As per MIB
agentDaiVlanArpAclName	Yes	read-write	None	As per MIB
agentDaiVlanArpAclStaticFlag	Yes	read-write	false	As per MIB

**Table 719: agentDaiIfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDaiIfTrustEnable	Yes	read-write	false	As per MIB
agentDaiIfRateLimit	Yes	read-write	15	As per MIB
agentDaiIfBurstInterval	Yes	read-write	1	As per MIB

**Table 720: agentArpAclTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRowStatus	Yes	read-create	None	As per MIB

**Table 721: agentArpAclRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRuleRowStatus	Yes	read-create	None	As per MIB

**Table 722: agentArpAclRuleConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRuleConfigSenderIpAddr	Yes	read-create	'00000000'h	As per MIB
agentArpAclRuleConfigSenderMacAddr	Yes	read-create	'000000000000'h	As per MIB
agentArpAclRuleConfigAction	Yes	read-create	1	As per MIB
agentArpAclRuleConfigStatus	Yes	read-create	None	As per MIB

**Table 723: agentArpAclRemarkConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRemarkStr	Yes	read-create	None	As per MIB
agentArpAclRemarkStatus	Yes	read-create	None	As per MIB

**Table 724: agentArpAclRemarkRuleTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRuleRemarkStr	Yes	read-only	None	As per MIB
agentArpAclRuleRemarkStatus	Yes	read-create	None	As per MIB

**Table 725: agentArpAclRemarkRuleConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentArpAclRemarkStr	Yes	read-only	None	As per MIB
agentArpAclRemarkStatus	Yes	read-create	None	As per MIB

**Table 726: agentDhcpSnoopingConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpSnoopingAdminMode	Yes	read-write	false	As per MIB
agentDhcpSnoopingVerifyMac	Yes	read-write	false	As per MIB
agentDhcpSnoopingStatsReset	Yes	read-write	None	As per MIB
agentDhcpSnoopingRemoteFileName	Yes	read-write	None	As per MIB
agentDhcpSnoopingRemotelpAddr	Yes	read-write	None	As per MIB
agentDhcpSnoopingStoreInterval	Yes	read-write	None	As per MIB

**Table 727: agentDhcpSnoopingVlanConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpSnoopingVlanEnable	Yes	read-write	false	As per MIB

**Table 728: agentDhcpSnoopingIpfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpSnoopingIpfTrustEnable	Yes	read-write	false	As per MIB
agentDhcpSnoopingIpfLogEnable	Yes	read-write	false	As per MIB
agentDhcpSnoopingIpfRateLimit	Yes	read-write	-1	As per MIB
agentDhcpSnoopingIpfBurstInterval	Yes	read-write	-1	As per MIB

**Table 729: agentIpsglfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentIpsglfVerifySource	Yes	read-write	false	As per MIB
agentIpsglfPortSecurity	Yes	read-write	false	As per MIB

**Table 730: agentDhcpSnoopingStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpSnoopingMacVerifyFailures	Yes	read-only	None	As per MIB

**Table 730: agentDhcpSnoopingStatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
agentDhcpSnoopingInvalidClientMessages	Yes	read-only	None	As per MIB
agentDhcpSnoopingInvalidServerMessages	Yes	read-only	None	As per MIB

**Table 731: agentStaticIpsgBindingTable**

MIB Objects	Supported	Access	Default	Comments
agentStaticIpsgBindingRowStatus	Yes	read-create	None	As per MIB

**Table 732: agentStaticDsBindingTable**

MIB Objects	Supported	Access	Default	Comments
agentStaticDsBindingIflIndex	Yes	read-create	None	As per MIB
agentStaticDsBindingVlanId	Yes	read-create	None	As per MIB
agentStaticDsBindingIpAddr	Yes	read-create	None	As per MIB
agentStaticDsBindingRowStatus	Yes	read-create	None	As per MIB

**Table 733: agentDynamicDsBindingTable**

MIB Objects	Supported	Access	Default	Comments
agentDynamicDsBindingIflIndex	Yes	read-only	None	As per MIB
agentDynamicDsBindingVlanId	Yes	read-only	None	As per MIB
agentDynamicDsBindingIpAddr	Yes	read-only	None	As per MIB
agentDynamicDsBindingLeaseRemainingTime	Yes	read-only	None	As per MIB

**Table 734: agentDhcpL2RelayConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpL2Relayyb1yb1AdminMode	Yes	read-write	false	As per MIB
agentDhcpL2RelayStatsReset	Yes	read-write	None	As per MIB

**Table 735: agentDhcpL2RelayIfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpL2RelayIfEnable	Yes	read-write	false	As per MIB
agentDhcpL2RelayIfTrustEnable	Yes	read-write	false	As per MIB

**Table 736: agentDhcpL2RelayVlanConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpL2RelayVlanEnable	Yes	read-write	false	As per MIB
agentDhcpL2RelayCircuitIdVlanEnable	Yes	read-write	false	As per MIB
agentDhcpL2RelayRemoteldVlanEnable	Yes	read-write	None	As per MIB

**Table 737: agentDhcpL2RelayStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpL2RelayUntrustedSrvrMsgsWithOptn82	Yes	read-only	None	As per MIB
agentDhcpL2RelayUntrustedCIntMsgsWithOptn82	Yes	read-only	None	As per MIB
agentDhcpL2RelayTrustedSrvrMsgsWithoutOptn82	Yes	read-only	None	As per MIB
agentDhcpL2RelayTrustedCIntMsgsWithoutOptn82	Yes	read-only	None	As per MIB

**Table 738: agentSwitchAddressConflictGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchAddressConflictDetectionStatus	Yes	read-only	None	As per MIB
agentSwitchAddressConflictDetectionStatusReset	Yes	read-write	None	As per MIB
agentSwitchLastConflictingIPAddr	Yes	read-only	None	As per MIB
agentSwitchLastConflictingMacAddr	Yes	read-only	None	As per MIB
agentSwitchLastConflictReportedTime	Yes	read-only	None	As per MIB
agentSwitchConflictIPAddr	Yes	accessible-for-notify	None	As per MIB
agentSwitchConflictMacAddr	Yes	accessible-for-notify	None	As per MIB
agentSwitchAddressConflictDetectionRun	Yes	read-write	None	As per MIB

**Table 739: agentSdmPreferConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentSdmPreferCurrentTemplate	Yes	read-only	None	As per MIB
agentSdmPreferNextTemplate	Yes	read-write	None	As per MIB

**Table 740: agentSdmTemplateTable**

MIB Objects	Supported	Access	Default	Comments
agentArpEntries	Yes	read-only	None	As per MIB
agentIPv4UnicastRoutes	Yes	read-only	None	As per MIB
agentIPv6NdpEntries	Yes	read-only	None	As per MIB
agentIPv6UnicastRoutes	Yes	read-only	None	As per MIB
agentEcmpNextHops	Yes	read-only	None	As per MIB
agentIPv4MulticastRoutes	Yes	read-only	None	As per MIB
agentIPv6MulticastRoutes	Yes	read-only	None	As per MIB

**Table 741: agentSwitchCutThroughGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchCutThroughConfigMode	Yes	read-write	None	As per MIB
agentSwitchCutThroughRunningModeStatus	Yes	read-only	None	As per MIB
agentSwitchCutThroughConfiguredModeStatus	Yes	read-only	None	As per MIB

**Table 742: agentPrivateVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentPrivateVlanType	Yes	read-write	None	As per MIB
agentPrivateVlanAssociate	Yes	read-write	None	As per MIB

**Table 743: agentPrivateVlanIntfAssocTable**

MIB Objects	Supported	Access	Default	Comments
agentPrivateVlanIntfAssocHostPrimary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocHostSecondary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousPrimary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousSecondary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocOperational	Yes	read-only	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousTrunkNativeVlan	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousTrunk AllowedVlan	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousTrunkPrimary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocPromiscuousTrunkSecondary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocIsolatedTrunkPrimary	Yes	read-write	None	As per MIB
agentPrivateVlanIntfAssocIsolatedTrunkSecondary	Yes	read-write	None	As per MIB

**Table 744: agentDhcpv6SnoopingConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentDhcpv6SnoopingAdminMode	Yes	read-write	false	As per MIB
agentDhcpv6SnoopingVerifyMac	Yes	read-write	false	As per MIB
agentDhcpv6SnoopingStatsReset	Yes	read-write	None	As per MIB
agentDhcpv6SnoopingRemoteFileName	Yes	read-write	None	As per MIB
agentDhcpv6SnoopingRemotelpAddr	Yes	read-write	None	As per MIB
agentDhcpv6SnoopingStoreInterval	Yes	read-write	None	As per MIB

**Table 745: agentDhcpv6SnoopingVlanConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpv6SnoopingVlanEnable	Yes	read-write	false	As per MIB

**Table 746: agentDhcpv6SnoopingIfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpv6SnoopingIfTrustEnable	Yes	read-write	false	As per MIB
agentDhcpv6SnoopingIfLogEnable	Yes	read-write	false	As per MIB
agentDhcpv6SnoopingIfRateLimit	Yes	read-write	-1	As per MIB
agentDhcpv6SnoopingIfBurstInterval	Yes	read-write	-1	As per MIB

**Table 747: agentIpv6sgIfConfigTable**

MIB Objects	Supported	Access	Default	Comments
agentIpv6sgIfVerifySource	Yes	read-write	false	As per MIB
agentIpv6sgIfPortSecurity	Yes	read-write	false	As per MIB

**Table 748: agentDhcpv6SnoopingStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentDhcpv6SnoopingMacVerifyFailures	Yes	read-only	None	As per MIB
agentDhcpv6SnoopingInvalidClientMessages	Yes	read-only	None	As per MIB
agentDhcpv6SnoopingInvalidServerMessages	Yes	read-only	None	As per MIB

**Table 749: agentStaticIpv6sgBindingTable**

MIB Objects	Supported	Access	Default	Comments
agentStaticIpv6sgBindingRowStatus	Yes	read-create	None	As per MIB

**Table 750: agentStaticDsv6BindingTable**

MIB Objects	Supported	Access	Default	Comments
agentStaticDsv6BindingIfIndex	Yes	read-create	None	As per MIB
agentStaticDsv6BindingVlanId	Yes	read-create	None	As per MIB
agentStaticDsv6BindingIpAddr	Yes	read-create	None	As per MIB
agentStaticDsv6BindingRowStatus	Yes	read-create	None	As per MIB

**Table 751: agentDynamicDsv6BindingTable**

MIB Objects	Supported	Access	Default	Comments
agentDynamicDsv6BindingIfIndex	Yes	read-only	None	As per MIB
agentDynamicDsv6BindingVlanId	Yes	read-only	None	As per MIB
agentDynamicDsv6BindingIpAddr	Yes	read-only	None	As per MIB
agentDynamicDsv6BindingLeaseRemainingTime	Yes	read-only	None	As per MIB

**Table 752: agentPvrstpSwitchConfigGroup**

MIB Objects	Supported	Access	Default	Comments
agentPvrstpAdminMode	Yes	read-write	None	As per MIB
agentPvrstpAdminMode	Yes	read-write	None	As per MIB
agentPvrstpUplinkFast	Yes	read-write	None	As per MIB
agentPvrstpBackboneFast	Yes	read-write	None	As per MIB

**Table 753: agentPvrstpVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentPvrstpVlanRootPriSec	Yes	read-write	None	As per MIB
agentPvrstpVlanHelloTime	Yes	read-write	None	As per MIB
agentPvrstpVlanFwdDelayTime	Yes	read-write	None	As per MIB
agentPvrstpVlanMaxAgeTime	Yes	read-write	None	As per MIB

**Table 754: agentPvrstpPortVlanTable**

MIB Objects	Supported	Access	Default	Comments
agentPvrstpPortVlanPriority	Yes	read-write	None	As per MIB
agentPvrstpVlanCost	Yes	read-write	None	As per MIB

**Table 755: agentLinkDependencyGroupTable**

MIB Objects	Supported	Access	Default	Comments
agentLinkDependencyGroupStatus	Yes	read-write	None	As per MIB
agentLinkDependencyGroupDownstreamPortMask	Yes	read-create	None	As per MIB
agentLinkDependencyGroupUpstreamPortMask	Yes	read-create	None	As per MIB
agentLinkDependencyGroupAction	Yes	read-write	None	As per MIB
agentLinkDependencyGroupStatTransCounter	Yes	read-only	None	As per MIB
agentLinkDependencyGroupStatTransTimeLast	Yes	read-only	None	As per MIB

**Table 756: agentSwitchFdbPortClearTable**

MIB Objects	Supported	Access	Default	Comments
agentPortFdbEntriesClear	Yes	read-write	None	As per MIB

**Table 757: agentSwitchFdbVlanClearTable**

MIB Objects	Supported	Access	Default	Comments
agentVlanFdbEntriesClear	Yes	read-write	None	As per MIB

**Table 758: agentSwitchVlanSecurityTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchVlanSecurityDynamicMACLimit	Yes	read-write	None	As per MIB
agentSwitchVlanSecurityShutdownAction	Yes	read-write	None	As per MIB
agentSwitchVlanSecurityTrapNotification	Yes	read-write	None	As per MIB
agentSwitchVlanSecurityRowStatus	Yes	read-write	None	As per MIB

**Table 759: agentSwitchVlanSecurityDynamicTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchVlanSecurityDynamicLimit	Yes	read-only	None	As per MIB
agentSwitchVlanSecurityDynamicCount	Yes	read-only	None	As per MIB
agentSwitchVlanSecurityDynamicTrapMode	Yes	read-only	None	As per MIB
agentSwitchVlanSecurityDynamicShutdownMode	Yes	read-only	None	As per MIB

**Table 760: agentSwitchVlanStatsTable**

MIB Objects	Supported	Access	Default	Comments
agentSwitchVlanStatsStatus	Yes	read-create	None	As per MIB
agentSwitchVlanStatsReceiveBytes	Yes	read-only	None	As per MIB
agentSwitchVlanStatsReceivePackets	Yes	read-only	None	As per MIB
agentSwitchVlanStatsReceiveDiscardBytes	Yes	read-only	None	As per MIB
agentSwitchVlanStatsReceiveDiscardPackets	Yes	read-only	None	As per MIB
agentSwitchVlanStatsTransmitBytes	Yes	read-only	None	As per MIB
agentSwitchVlanStatsTransmitPackets	Yes	read-only	None	As per MIB
agentSwitchVlanStatsTransmitDiscardBytes	Yes	read-only	None	As per MIB
agentSwitchVlanStatsTransmitDiscardPackets	Yes	read-only	None	As per MIB
agentSwitchVlanStatsClear	Yes	read-create	None	As per MIB

**Table 761: fastPathSwitchingTraps**

MIB Objects	Supported	Access	Comments
multipleUsersTrap	Yes	—	As per MIB
broadcastStormStartTrap	Yes	—	As per MIB
broadcastStormEndTrap	Yes	—	As per MIB
linkFailureTrap	Yes	—	As per MIB
vlanRequestFailureTrap	Yes	—	As per MIB
vlanDeleteLastTrap	Yes	—	As per MIB
vlanDefaultCfgFailureTrap	Yes	—	As per MIB
vlanRestoreFailureTrap	Yes	—	As per MIB
fanFailureTrap	Yes	—	As per MIB
stpInstanceNewRootTrap	Yes	—	As per MIB
stpInstanceTopologyChangeTrap	Yes	—	As per MIB
powerSupplyStatusChangeTrap	Yes	—	As per MIB
failedUserLoginTrap	Yes	—	As per MIB
userLockoutTrap	Yes	—	As per MIB
daiIntfErrorDisabledTrap	Yes	—	As per MIB
stpInstanceLoopInconsistentStartTrap	Yes	—	As per MIB
stpInstanceLoopInconsistentEndTrap	Yes	—	As per MIB
dhcpSnoopingIntfErrorDisabledTrap	Yes	—	As per MIB
noStartupConfigTrap	Yes	—	As per MIB

**Table 761: fastPathSwitchingTraps (Continued)**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Comments</b>
agentSwitchIpAddressConflictTrap	Yes	—	As per MIB
agentSwitchCpuRisingThresholdTrap	Yes	—	As per MIB
agentSwitchCpuFallingThresholdTrap	Yes	—	As per MIB
agentSwitchCpuFreeMemBelowThresholdTrap	Yes	—	As per MIB
agentSwitchCpuFreeMemAboveThresholdTrap	Yes	—	As per MIB
agentSwitchMbufRisingThresholdTrap	Yes	—	As per MIB
agentSwitchMbufFallingThresholdTrap	Yes	—	As per MIB
loginSessionStartStopTrap	Yes	—	As per MIB
agentSwitchDDisableAutoRecoveryTrap	Yes	—	As per MIB
agentSwitchStormControlTrap	Yes	—	As per MIB
loopProtectTrap	Yes	—	As per MIB

## 10.7 FASTPATH-DENIALOFSERVICE-PRIVATE-MIB

**Table 762: agentSwitchDenialOfServiceGroup**

MIB Objects	Supported	Access	Default	Comments
agentSwitchDenialOfServiceSIPDIPMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceFirstFragMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPHdrSize	Yes	read-write	20	As per MIB
agentSwitchDenialOfServiceTCPFragMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPFlagMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceL4PortMode	Yes	read-write	2	As per MIB
agentSwitchDenalOfServiceICMPMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceICMPSize	Yes	read-write	512	As per MIB
agentSwitchDenialOfServiceSMACDMACMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPOffsetMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPFlagSeqMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPPortMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceUDPPortMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPSynMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPSynFinMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceTCPFinUrgPshMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceICMPv6Size	Yes	read-write	1023	As per MIB
agentSwitchDenialOfServiceICMPFragMode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServiceICMPv6Mode	Yes	read-write	2	As per MIB
agentSwitchDenialOfServicePortDdisable	Yes	read-write	2	As per MIB

## 10.8 RFC1213-MIB (RFC 1213/RFC 4022/RFC 4113)

**Table 763: System**

MIB Objects	Supported	Access	Default	Comments
sysDescr	No	read-only	None	Not implemented
sysObjectID	No	read-only	None	Not implemented
sysUpTime	No	read-only	None	Not implemented
sysContact	No	read-write	None	Not implemented
sysName	No	read-write	None	Not implemented
sysLocation	No	read-write	None	Not implemented
sysServices	No	read-only	None	Not implemented

**Table 764: Interfaces**

MIB Objects	Supported	Access	Default	Comments
ifNumber	Yes	read-only	None	As per MIB

**Table 765: IP**

MIB Objects	Supported	Access	Default	Comments
ipForwarding	Yes	read-write	None	As per MIB
ipDefaultTTL	Yes	read-write	None	As per MIB
ipInReceives	Yes	read-only	None	As per MIB
ipInHdrErrors	Yes	read-only	None	As per MIB
ipInAddrErrors	Yes	read-only	None	As per MIB
ipForwDatagrams	Yes	read-only	None	As per MIB
ipInUnknownProtos	Yes	read-only	None	As per MIB
ipInDiscards	Yes	read-only	None	As per MIB
ipInDelivers	Yes	read-only	None	As per MIB
ipOutRequests	Yes	read-only	None	As per MIB
ipOutDiscards	Yes	read-only	None	As per MIB
ipOutNoRoutes	Yes	read-only	None	As per MIB
ipReasmTimeout	Yes	read-only	None	As per MIB
ipReasmReqds	Yes	read-only	None	As per MIB
ipReasmOKs	Yes	read-only	None	As per MIB
ipReasmFails	Yes	read-only	None	As per MIB
ipFragOKs	Yes	read-only	None	As per MIB
ipFragFails	Yes	read-only	None	As per MIB
ipFragCreates	Yes	read-only	None	As per MIB
ipRoutingDiscards	Yes	read-only	None	As per MIB

**Table 766: ICMP**

MIB Objects	Supported	Access	Default	Comments
icmplnMsgs	Yes	read-only	None	As per MIB

**Table 766: ICMP (Continued)**

MIB Objects	Supported	Access	Default	Comments
icmpInErrors	Yes	read-only	None	As per MIB
icmpInDestUnreachs	Yes	read-only	None	As per MIB
icmpInTimeExcds	Yes	read-only	None	As per MIB
icmpInParmProbs	Yes	read-only	None	As per MIB
icmpInSrcQuenchs	Yes	read-only	None	As per MIB
icmpInRedirects	Yes	read-only	None	As per MIB
icmpInEchos	Yes	read-only	None	As per MIB
icmpInEchoReps	Yes	read-only	None	As per MIB
icmpInTimestamps	Yes	read-only	None	As per MIB
icmpInTimestampReps	Yes	read-only	None	As per MIB
icmpInAddrMasks	Yes	read-only	None	As per MIB
icmpInAddrMaskReps	Yes	read-only	None	As per MIB
icmpOutMsgs	Yes	read-only	None	As per MIB
icmpOutErrors	Yes	read-only	None	As per MIB
icmpOutDestUnreachs	Yes	read-only	None	As per MIB
icmpOutTimeExcds	Yes	read-only	None	As per MIB
icmpOutParmProbs	Yes	read-only	None	As per MIB
icmpOutSrcQuenchs	Yes	read-only	None	As per MIB
icmpOutRedirects	Yes	read-only	None	As per MIB
icmpOutEchos	Yes	read-only	None	As per MIB
icmpOutEchoReps	Yes	read-only	None	As per MIB
icmpOutTimestamps	Yes	read-only	None	As per MIB
icmpOutTimestampReps	Yes	read-only	None	As per MIB
icmpOutAddrMasks	Yes	read-only	None	As per MIB
icmpOutAddrMaskReps	Yes	read-only	None	As per MIB

**Table 767: TCP**

MIB Objects	Supported	Access	Default	Comments
tcpRtoAlgorithm	No	read-only	None	Not implemented
tcpRtoMin	No	read-only	None	Not implemented
tcpRtoMax	No	read-only	None	Not implemented
tcpMaxConn	No	read-only	None	Not implemented
tcpActiveOpens	No	read-only	None	Not implemented
tcpPassiveOpens	No	read-only	None	Not implemented
tcpAttemptFails	No	read-only	None	Not implemented
tcpEstabResets	No	read-only	None	Not implemented
tcpCurrEstab	No	read-only	None	Not implemented
tcpInSegs	No	read-only	None	Not implemented
tcpOutSegs	No	read-only	None	Not implemented
tcpRetransSegs	No	read-only	None	Not implemented
tcpInErrs	No	read-only	None	Not implemented
tcpOutRsts	No	read-only	None	Not implemented

**Table 768: UDP**

MIB Objects	Supported	Access	Default	Comments
udpInDatagrams	No	read-only	None	Not implemented
udpNoPorts	No	read-only	None	Not implemented
udpInErrors	No	read-only	None	Not implemented
udpOutDatagrams	No	read-only	None	Not implemented

**Table 769: EGP**

MIB Objects	Supported	Access	Default	Comments
egpInMsgs	No	read-only	None	Not implemented
egpInErrors	No	read-only	None	Not implemented
egpOutMsgs	No	read-only	None	Not implemented
egpOutErrors	No	read-only	None	Not implemented
egpAs	No	read-only	None	Not implemented

**Table 770: SNMP**

MIB Objects	Supported	Access	Default	Comments
snmpInPkts	No	read-only	None	Not implemented
snmpOutPkts	No	read-only	None	Not implemented
snmpInBadVersions	No	read-only	None	Not implemented
snmpInBadCommunityNames	No	read-only	None	Not implemented
snmpInBadCommunityUses	No	read-only	None	Not implemented
snmpInASNParseErrs	No	read-only	None	Not implemented
snmpInTooBig	No	read-only	None	Not implemented
snmpInNoSuchNames	No	read-only	None	Not implemented
snmpInBadValues	No	read-only	None	Not implemented
snmpInReadOnly	No	read-only	None	Not implemented
snmpInGenErrs	No	read-only	None	Not implemented
snmpInTotalReqVars	No	read-only	None	Not implemented
snmpInTotalSetVars	No	read-only	None	Not implemented
snmpInGetRequests	No	read-only	None	Not implemented
snmpInGetNexts	No	read-only	None	Not implemented
snmpInSetRequests	No	read-only	None	Not implemented
snmpInGetResponses	No	read-only	None	Not implemented
snmpInTraps	No	read-only	None	Not implemented
snmpOutTooBig	No	read-only	None	Not implemented
snmpOutNoSuchNames	No	read-only	None	Not implemented
snmpOutBadValues	No	read-only	None	Not implemented
snmpOutGenErrs	No	read-only	None	Not implemented
snmpOutGetRequests	No	read-only	None	Not implemented
snmpOutGetNexts	No	read-only	None	Not implemented
snmpOutSetRequests	No	read-only	None	Not implemented

**Table 770: SNMP (Continued)**

MIB Objects	Supported	Access	Default	Comments
snmpOutGetResponses	No	read-only	None	Not implemented
snmpOutTraps	No	read-only	None	Not implemented
snmpEnableAuthenTraps	Yes	read-write	None	Read-only

**Table 771: ifTable**

MIB Objects	Supported	Access	Default	Comments
ifDescr	Yes	read-only	None	As per MIB
ifType	Yes	read-only	None	As per MIB
ifMtu	Yes	read-only	None	As per MIB
ifSpeed	Yes	read-only	None	As per MIB
ifPhysAddress	Yes	read-only	None	As per MIB
ifAdminStatus	Yes	read-write	None	As per MIB
ifOperStatus	Yes	read-only	None	As per MIB
ifLastChange	Yes	read-only	None	As per MIB
ifInOctets	Yes	read-only	None	As per MIB
ifInUcastPkts	Yes	read-only	None	As per MIB
ifInNUcastPkts	Yes	read-only	None	As per MIB
ifInDiscards	Yes	read-only	None	As per MIB
ifInErrors	Yes	read-only	None	As per MIB
ifInUnknownProtos	No	read-only	None	Not implemented
ifOutOctets	Yes	read-only	None	As per MIB
ifOutUcastPkts	Yes	read-only	None	As per MIB
ifOutNUcastPkts	Yes	read-only	None	As per MIB
ifOutDiscards	Yes	read-only	None	As per MIB
ifOutErrors	Yes	read-only	None	As per MIB
ifOutQLen	No	read-only	None	Not implemented
ifSpecific	Yes	read-only	None	As per MIB

**Table 772: atTable**

MIB Objects	Supported	Access	Default	Comments
atPhysAddress	No	read-write	None	deprecated

**Table 773: ipAddrTable**

MIB Objects	Supported	Access	Default	Comments
ipAdEntIfIndex	Yes	read-only	None	As per MIB
ipAdEntNetMask	Yes	read-only	None	As per MIB
ipAdEntBcastAddr	Yes	read-only	None	As per MIB
ipAdEntReasmMaxSize	Yes	read-only	None	As per MIB

**Table 774: ipAddrTable**

MIB Objects	Supported	Access	Default	Comments
ipAdEntIfIndex	No	read-only	None	Not implemented
ipAdEntNetMask	No	read-only	None	Not implemented
ipAdEntBcastAddr	No	read-only	None	Not implemented
ipAdEntReasmMaxSize	No	read-only	None	Not implemented

**Table 775: ipRouteTable**

MIB Objects	Supported	Access	Default	Comments
ipRouteIfIndex	No	read-write	None	Not implemented
ipRouteMetric1	No	read-write	None	Not implemented
ipRouteMetric2	No	read-write	None	Not implemented
ipRouteMetric3	No	read-write	None	Not implemented
ipRouteMetric4	No	read-write	None	Not implemented
ipRouteNextHop	No	read-write	None	Not implemented
ipRouteType	No	read-write	None	Not implemented
ipRouteProto	No	read-only	None	Not implemented
ipRouteAge	No	read-write	None	Not implemented
ipRouteMask	No	read-write	None	Not implemented
ipRouteMetric5	No	read-write	None	Not implemented
ipRouteInfo	No	read-only	None	Not implemented

**Table 776: ipNetToMediaTable**

MIB Objects	Supported	Access	Default	Comments
ipNetToMediaPhysAddress	No	read-create	None	Not implemented
ipNetToMediaType	No	read-create	None	Not implemented

**Table 777: tcpConnTable**

MIB Objects	Supported	Access	Default	Comments
tcpConnState	No	read-write	None	Not implemented

**Table 778: egpNeighTable**

MIB Objects	Supported	Access	Default	Comments
egpNeighState	No	read-only	None	Not implemented
egpNeighAs	No	read-only	None	Not implemented
egpNeighInMsgs	No	read-only	None	Not implemented
egpNeighInErrs	No	read-only	None	Not implemented
egpNeighOutMsgs	No	read-only	None	Not implemented
egpNeighOutErrs	No	read-only	None	Not implemented
egpNeighInErrMsgs	No	read-only	None	Not implemented
egpNeighOutErrMsgs	No	read-only	None	Not implemented

**Table 778: egpNeighTable (Continued)**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
egpNeighStateUps	No	read-only	None	Not implemented
egpNeighStateDowns	No	read-only	None	Not implemented
egpNeighIntervalHello	No	read-only	None	Not implemented
egpNeighIntervalPoll	No	read-only	None	Not implemented
egpNeighMode	No	read-only	None	Not implemented
egpNeighEventTrigger	No	read-write	None	Not implemented

## 10.9 BRIDGE-MIB (RFC 1493)

**Table 779: dot1dBase**

MIB Objects	Supported	Access	Default	Comments
dot1dBaseBridgeAddress	Yes	read-only	None	As per MIB
dot1dBaseNumPorts	Yes	read-only	None	As per MIB
dot1dBaseType	Yes	read-only	None	As per MIB

**Table 780: dot1dTp**

MIB Objects	Supported	Access	Default	Comments
dot1dTpLearnedEntryDiscards	No	read-only	None	Not implemented
dot1dTpAgingTime	Yes	read-write	None	As per MIB

**Table 781: dot1dBasePortTable**

MIB Objects	Supported	Access	Default	Comments
dot1dBasePortIfIndex	Yes	read-only	None	As per MIB
dot1dBasePortCircuit	Yes	read-only	None	As per MIB
dot1dBasePortDelayExceededDiscards	No	read-only	None	Not implemented
dot1dBasePortMtuExceededDiscards	No	read-write	None	Not implemented

**Table 782: dot1dTpFdbTable**

MIB Objects	Supported	Access	Default	Comments
dot1dTpFdbPort	Yes	read-only	None	As per MIB
dot1dTpFdbStatus	Yes	read-only	None	As per MIB

**Table 783: dot1dTpPortTable**

MIB Objects	Supported	Access	Default	Comments
dot1dTpPortMaxInfo	Yes	read-only	None	As per MIB
dot1dTpPortInFrames	Yes	read-only	None	As per MIB
dot1dTpPortOutFrames	Yes	read-only	None	As per MIB
dot1dTpPortInDiscards	Yes	read-only	None	As per MIB

**Table 784: dot1dStaticTable**

MIB Objects	Supported	Access	Default	Comments
dot1dStaticAllowedToGoTo	No	read-write	None	Not implemented
dot1dStaticStatus	No	read-write	None	Not implemented

## 10.10 IF-MIB (RFC 2863)

**Table 785: ifMIBObjects**

MIB Objects	Supported	Access	Default	Comments
ifTableLastChange	No	read-only	None	Not implemented
ifStackLastChange	No	read-only	None	Not implemented

**Table 786: interfaces**

MIB Objects	Supported	Access	Default	Comments
ifNumber	Yes	read-only	None	As per MIB

**Table 787: ifTable**

MIB Objects	Supported	Access	Default	Comments
ifDescr	Yes	read-only	None	As per MIB
ifType	Yes	read-only	None	As per MIB
ifMtu	Yes	read-only	None	As per MIB
ifSpeed	Yes	read-only	None	As per MIB
ifPhysAddress	Yes	read-only	None	As per MIB
ifAdminStatus	Yes	read-write	None	As per MIB
ifOperStatus	Yes	read-only	None	As per MIB
ifLastChange	Yes	read-only	None	As per MIB
ifInOctets	Yes	read-only	None	As per MIB
ifInUcastPkts	Yes	read-only	None	As per MIB
ifInNUcastPkts	No	read-only	None	deprecated
ifInDiscards	Yes	read-only	None	As per MIB
ifInErrors	Yes	read-only	None	As per MIB
ifInUnknownProtos	Yes	read-only	None	As per MIB
ifOutOctets	Yes	read-only	None	As per MIB
ifOutUcastPkts	Yes	read-only	None	As per MIB
ifOutNUcastPkts	No	read-only	None	deprecated
ifOutDiscards	Yes	read-only	None	As per MIB
ifOutErrors	Yes	read-only	None	As per MIB
ifOutQLen	No	read-only	None	deprecated
ifSpecific	No	read-only	None	deprecated

**Table 788: ifXTable**

MIB Objects	Supported	Access	Default	Comments
ifName	Yes	read-only	None	As per MIB
ifInMulticastPkts	Yes	read-only	None	As per MIB
ifInBroadcastPkts	Yes	read-only	None	As per MIB
ifOutMulticastPkts	Yes	read-only	None	As per MIB
ifOutBroadcastPkts	Yes	read-only	None	As per MIB

**Table 788: ifXTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
ifHCInOctets	Yes	read-only	None	As per MIB
ifHCInUcastPkts	Yes	read-only	None	As per MIB
ifHCInMulticastPkts	Yes	read-only	None	As per MIB
ifHCInBroadcastPkts	Yes	read-only	None	As per MIB
ifHCOctets	Yes	read-only	None	As per MIB
ifHCOUcastPkts	Yes	read-only	None	As per MIB
ifHCOUcastMulticastPkts	Yes	read-only	None	As per MIB
ifHCOUcastBroadcastPkts	Yes	read-only	None	As per MIB
ifLinkUpDownTrapEnable	Yes	read-write	None	As per MIB
ifHighSpeed	Yes	read-only	None	As per MIB
ifPromiscuousMode	Yes	read-write	None	As per MIB
ifConnectorPresent	Yes	read-only	None	As per MIB
ifAlias	Yes	read-write	None	As per MIB
ifCounterDiscontinuityTime	Yes	read-only	None	As per MIB

**Table 789: ifStackTable**

MIB Objects	Supported	Access	Default	Comments
ifStackStatus	No	read-create	None	Not implemented

**Table 790: ifRcvAddressTable**

MIB Objects	Supported	Access	Default	Comments
ifRcvAddressStatus	No	read-create	None	Not implemented
ifRcvAddressType	No	read-create	2	Not implemented

**Table 791: ifTestTable**

MIB Objects	Supported	Access	Default	Comments
ifTestId	No	read-write	None	ifTestId
ifTestStatus	No	read-write	None	ifTestStatus
ifTestType	No	read-write	None	ifTestType
ifTestResult	No	read-only	None	ifTestResult
ifTestCode	No	read-only	None	ifTestCode
ifTestOwner	No	read-write	None	ifTestOwner

**Table 792: snmpTraps**

MIB Objects	Supported	Access	Default	Comments
linkDown	Yes	—	—	As per MIB
linkUp	Yes	—	—	As per MIB

## 10.11 ENTITY-MIB (RFC 2737)

**Table 793: entityGeneral**

MIB Objects	Supported	Access	Default	Comments
entLastChangeTime	Yes	read-only	None	As per MIB

**Table 794: entPhysicalTable**

MIB Objects	Supported	Access	Default	Comments
entPhysicalDescr	Yes	read-only	None	As per MIB
entPhysicalVendorType	Yes	read-only	None	As per MIB
entPhysicalContainedIn	Yes	read-only	None	As per MIB
entPhysicalClass	Yes	read-only	None	As per MIB
entPhysicalParentRelPos	Yes	read-only	None	As per MIB
entPhysicalName	Yes	read-only	None	As per MIB
entPhysicalHardwareRev	Yes	read-only	None	As per MIB
entPhysicalFirmwareRev	Yes	read-only	None	As per MIB
entPhysicalSoftwareRev	Yes	read-only	None	As per MIB
entPhysicalSerialNum	Yes	read-write	None	Read-only
entPhysicalMfgName	Yes	read-only	None	As per MIB
entPhysicalModelName	Yes	read-only	None	As per MIB
entPhysicalAlias	Yes	read-write	None	Read-only
entPhysicalAssetID	Yes	read-write	None	Read-only
entPhysicalIsFRU	Yes	read-only	None	As per MIB

**Table 795: entLogicalTable**

MIB Objects	Supported	Access	Default	Comments
entLogicalDescr	No	read-only	None	Not implemented
entLogicalType	No	read-only	None	Not implemented
entLogicalCommunity	No	read-only	None	deprecated
entLogicalTAddress	No	read-only	None	Not implemented
entLogicalTDomain	No	read-only	None	Not implemented
entLogicalContextEngineID	No	read-only	None	Not implemented
entLogicalContextName	No	read-only	None	Not implemented

**Table 796: entAliasMappingTable**

MIB Objects	Supported	Access	Default	Comments
entAliasMappingIdentifier	No	read-only	None	Not implemented

**Table 797: entityMIBTrapPrefix**

MIB Objects	Supported	Access	Default	Comments
entConfigChange	Yes	—	—	As per MIB

## 10.12 FASTPATH-INVENTORY-MIB

**Table 798: agentInventoryStackGroup**

MIB Objects	Supported	Access	Default	Comments
agentInventoryStackSTKname	Yes	read-write	None	As per MIB
agentInventoryStackActivateSTK	Yes	read-write	None	As per MIB
agentInventoryStackDeleteSTK	Yes	read-write	None	As per MIB

**Table 799: agentInventoryCardTypeTable**

MIB Objects	Supported	Access	Default	Comments
agentInventoryCardType	Yes	read-only	None	As per MIB
agentInventoryCardModelIdentifier	Yes	read-only	None	As per MIB
agentInventoryCardDescription	Yes	read-only	None	As per MIB

**Table 800: agentInventoryComponentTable**

MIB Objects	Supported	Access	Default	Comments
agentInventoryComponentMnemonic	Yes	read-only	None	As per MIB
agentInventoryComponentName	Yes	read-only	None	As per MIB

## 10.13 LAG-MIB (IEEE 802.3ad MIB)

**Table 801: lagMIBObjects**

MIB Objects	Supported	Access	Default	Comments
dot3adTablesLastChanged	Yes	read-only	None	As per MIB

**Table 802: dot3adAggTable**

MIB Objects	Supported	Access	Default	Comments
dot3adAggMACAddress	Yes	read-only	None	As per MIB
dot3adAggActorSystemPriority	Yes	read-write	None	As per MIB
dot3adAggActorSystemID	Yes	read-only	None	As per MIB
dot3adAggAggregateOrIndividual	Yes	read-only	None	As per MIB
dot3adAggActorAdminKey	Yes	read-write	None	As per MIB
dot3adAggActorOperKey	Yes	read-only	None	As per MIB
dot3adAggPartnerSystemID	Yes	read-only	None	As per MIB
dot3adAggPartnerSystemPriority	Yes	read-only	None	As per MIB
dot3adAggPartnerOperKey	Yes	read-only	None	As per MIB
dot3adAggCollectorMaxDelay	Yes	read-write	None	As per MIB

**Table 803: dot3adAggPortListTable**

MIB Objects	Supported	Access	Default	Comments
dot3adAggPortListPorts	Yes	read-only	None	As per MIB

**Table 804: dot3adAggPortTable**

MIB Objects	Supported	Access	Default	Comments
dot3adAggPortActorSystemPriority	Yes	read-write	None	As per MIB
dot3adAggPortActorSystemID	Yes	read-only	None	As per MIB
dot3adAggPortActorAdminKey	Yes	read-write	None	As per MIB
dot3adAggPortActorOperKey	Yes	read-write	None	Read-only
dot3adAggPortPartnerAdminSystemPriority	Yes	read-write	None	As per MIB
dot3adAggPortPartnerOperSystemPriority	Yes	read-only	None	As per MIB
dot3adAggPortPartnerAdminSystemID	Yes	read-write	None	As per MIB
dot3adAggPortPartnerOperSystemID	Yes	read-only	None	As per MIB
dot3adAggPortPartnerAdminKey	Yes	read-write	None	As per MIB
dot3adAggPortPartnerOperKey	Yes	read-only	None	As per MIB
dot3adAggPortSelectedAggID	Yes	read-only	None	As per MIB
dot3adAggPortAttachedAggID	Yes	read-only	None	As per MIB
dot3adAggPortActorPort	Yes	read-only	None	As per MIB
dot3adAggPortActorPortPriority	Yes	read-write	None	As per MIB
dot3adAggPortPartnerAdminPort	Yes	read-write	None	As per MIB
dot3adAggPortPartnerOperPort	Yes	read-only	None	As per MIB
dot3adAggPortPartnerAdminPortPriority	Yes	read-write	None	As per MIB

**Table 804: dot3adAggPortTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
dot3adAggPortPartnerOperPortPriority	Yes	read-only	None	As per MIB
dot3adAggPortActorAdminState	Yes	read-write	None	As per MIB
dot3adAggPortActorOperState	Yes	read-only	None	As per MIB
dot3adAggPortPartnerAdminState	Yes	read-write	None	As per MIB
dot3adAggPortPartnerOperState	Yes	read-only	None	As per MIB
dot3adAggPortAggregateOrIndividual	Yes	read-only	None	As per MIB

**Table 805: dot3adAggPortStatsTable**

MIB Objects	Supported	Access	Default	Comments
dot3adAggPortStatsLACPDUssRx	Yes	read-only	None	As per MIB
dot3adAggPortStatsMarkerPDUssRx	Yes	read-only	None	As per MIB
dot3adAggPortStatsMarkerResponsePDUssRx	Yes	read-only	None	As per MIB
dot3adAggPortStatsUnknownRx	Yes	read-only	None	As per MIB
dot3adAggPortStatsIllegalRx	Yes	read-only	None	As per MIB
dot3adAggPortStatsLACPDUssTx	Yes	read-only	None	As per MIB
dot3adAggPortStatsMarkerPDUssTx	Yes	read-only	None	As per MIB
dot3adAggPortStatsMarkerResponsePDUssTx	Yes	read-only	None	As per MIB

**Table 806: dot3adAggPortDebugTable**

MIB Objects	Supported	Access	Default	Comments
dot3adAggPortDebugRxState	No	read-only	None	Not implemented
dot3adAggPortDebugLastRxTime	No	read-only	None	Not implemented
dot3adAggPortDebugMuxState	No	read-only	None	Not implemented
dot3adAggPortDebugMuxReason	No	read-only	None	Not implemented
dot3adAggPortDebugActorChurnState	No	read-only	None	Not implemented
dot3adAggPortDebugPartnerChurnState	No	read-only	None	Not implemented
dot3adAggPortDebugActorChurnCount	No	read-only	None	Not implemented
dot3adAggPortDebugPartnerChurnCount	No	read-only	None	Not implemented
dot3adAggPortDebugActorSyncTransitionCount	No	read-only	None	Not implemented
dot3adAggPortDebugPartnerSyncTransitionCount	No	read-only	None	Not implemented
dot3adAggPortDebugActorChangeCount	No	read-only	None	Not implemented
dot3adAggPortDebugPartnerChangeCount	No	read-only	None	Not implemented

## 10.14 EtherLike-MIB (RFC 1643)

**Table 807: dot3StatsTable**

MIB Objects	Supported	Access	Default	Comments
dot3StatsAlignmentErrors	Yes	read-only	None	As per MIB
dot3StatsFCSErrors	Yes	read-only	None	As per MIB
dot3StatsSingleCollisionFrames	Yes	read-only	None	As per MIB

**Table 807: dot3StatsTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
dot3StatsMultipleCollisionFrames	Yes	read-only	None	As per MIB
dot3StatsSQETestErrors	Yes	read-only	None	As per MIB
dot3StatsDeferredTransmissions	Yes	read-only	None	As per MIB
dot3StatsLateCollisions	Yes	read-only	None	As per MIB
dot3StatsExcessiveCollisions	Yes	read-only	None	As per MIB
dot3StatsInternalMacTransmitErrors	Yes	read-only	None	As per MIB
dot3StatsCarrierSenseErrors	Yes	read-only	None	As per MIB
dot3StatsFrameTooLongs	Yes	read-only	None	As per MIB
dot3StatsInternalMacReceiveErrors	Yes	read-only	None	As per MIB
dot3StatsEtherChipSet	No	read-only	None	deprecated
dot3StatsSymbolErrors	No	read-only	None	Not implemented
dot3StatsDuplexStatus	No	read-only	None	Not implemented
dot3StatsRateControlAbility	No	read-only	None	Not implemented
dot3StatsRateControlStatus	No	read-only	None	Not implemented
dot3StatsTransmitLPIMicroseconds	Yes	read-only	None	As per MIB
dot3StatsReceiveLPIMicroseconds	Yes	read-only	None	As per MIB
dot3StatsTransmitLPITransitions	Yes	read-only	None	As per MIB
dot3StatsReceiveLPITransitions	Yes	read-only	None	As per MIB

**Table 808: dot3CollTable**

MIB Objects	Supported	Access	Default	Comments
dot3CollFrequencies	Yes	read-only	None	As per MIB

**Table 809: dot3ControlTable**

MIB Objects	Supported	Access	Default	Comments
dot3ControlFunctionsSupported	No	read-only	None	Not implemented
dot3ControlInUnknownOpcodes	No	read-only	None	Not implemented
dot3HCControlInUnknownOpcodes	No	read-only	None	Not implemented

**Table 810: dot3PauseTable**

MIB Objects	Supported	Access	Default	Comments
dot3PauseAdminMode	No	read-write	None	Not implemented
dot3PauseOperMode	No	read-only	None	Not implemented
dot3InPauseFrames	Yes	read-only	None	As per MIB
dot3OutPauseFrames	Yes	read-only	None	As per MIB
dot3HCInPauseFrames	Yes	read-only	None	As per MIB
dot3HCOutPauseFrames	Yes	read-only	None	As per MIB

**Table 811: dot3HCStatsTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
dot3HCStatsAlignmentErrors	No	read-only	None	Not implemented
dot3HCStatsFCSErrors	No	read-only	None	Not implemented
dot3HCStatsInternalMacTransmitErrors	No	read-only	None	Not implemented
dot3HCStatsFrameTooLongs	No	read-only	None	Not implemented
dot3HCStatsInternalMacReceiveErrors	No	read-only	None	Not implemented
dot3HCStatsSymbolErrors	No	read-only	None	Not implemented

## 10.15 SMON-MIB (RFC 2613)

**Table 812: dataSourceCapsTable**

MIB Objects	Supported	Access	Default	Comments
dataSourceCapsObject	No	not-accessible	None	Not implemented
dataSourceRmonCaps	No	read-only	None	Not implemented
dataSourceCopyCaps	No	read-only	None	Not implemented
dataSourceCapsIfIndex	No	read-only	None	Not implemented

**Table 813: smonVlanStatsConrtolTable**

MIB Objects	Supported	Access	Default	Comments
smonVlanStatsControlDataSource	No	read-create	None	Not implemented
smonVlanStatsControlCreateTime	No	read-only	None	Not implemented
smonVlanStatsControlOwner	No	read-create	None	Not implemented
smonVlanStatsControlStatus	No	read-create	None	Not implemented

**Table 814: smonVlanIdStatsTable**

MIB Objects	Supported	Access	Default	Comments
smonVlanIdStatsTotalPkts	No	read-only	None	Not implemented
smonVlanIdStatsTotalOverflowPkts	No	read-only	None	Not implemented
smonVlanIdStatsTotalHCPkts	No	read-only	None	Not implemented
smonVlanIdStatsTotalOctets	No	read-only	None	Not implemented
smonVlanIdStatsTotalOverflowOctets	No	read-only	None	Not implemented
smonVlanIdStatsTotalHCOctets	No	read-only	None	Not implemented
smonVlanIdStatsNUcastPkts	No	read-only	None	Not implemented
smonVlanIdStatsNUcastOverflowPkts	No	read-only	None	Not implemented
smonVlanIdStatsNUcastHCPkts	No	read-only	None	Not implemented
smonVlanIdStatsNUcastOctets	No	read-only	None	Not implemented
smonVlanIdStatsNUcastOverflowOctets	No	read-only	None	Not implemented
smonVlanIdStatsNUcastHCOctets	No	read-only	None	Not implemented
smonVlanIdStatsCreateTime	No	read-only	None	Not implemented

**Table 815: smonPrioStatsControlTable**

MIB Objects	Supported	Access	Default	Comments
smonPrioStatsControlDataSource	No	read-create	None	Not implemented
smonPrioStatsControlCreateTime	No	read-only	None	Not implemented
smonPrioStatsControlOwner	No	read-create	None	Not implemented
smonPrioStatsControlStatus	No	read-create	None	Not implemented

**Table 816: smonPrioStatsTable**

MIB Objects	Supported	Access	Default	Comments
smonPrioStatsPkts	.No	read-only	None	Not implemented
smonPrioStatsOverflowPkts	No	read-only	None	Not implemented
smonPrioStatsHCPkts	No	read-only	None	Not implemented
smonPrioStatsOctets	No	read-only	None	Not implemented
smonPrioStatsOverflowOctets	No	read-only	None	Not implemented
smonPrioStatsHCOctets	No	read-only	None	Not implemented

**Table 817: portCopyTable**

MIB Objects	Supported	Access	Default	Comments
portCopyDestDropEvents	Yes	read-only	None	As per MIB
portCopyDirection	Yes	read-create	3	As per MIB
portCopyStatus	Yes	read-create	None	As per MIB

## 10.16 P-BRIDGE-MIB (RFC 2674)

**Table 818: dot1dExtBase**

MIB Objects	Supported	Access	Default	Comments
dot1dDeviceCapabilities	Yes	read-only	None	As per MIB
dot1dTrafficClassesEnabled	Yes	read-write	true	As per MIB

**Table 819: dot1dPortCapabilitiesTable**

MIB Objects	Supported	Access	Default	Comments
dot1dPortCapabilities	Yes	read-only	None	As per MIB

**Table 820: dot1dPortPriorityTable**

MIB Objects	Supported	Access	Default	Comments
dot1dPortDefaultUserPriority	Yes	read-write	None	Read-only
dot1dPortNumTrafficClasses	Yes	read-write	None	Read-only

**Table 821: dot1dUserPriorityRegenTable**

MIB Objects	Supported	Access	Default	Comments
dot1dRegenUserPriority	No	read-write	None	Not implemented

**Table 822: dot1dTrafficClassTable**

MIB Objects	Supported	Access	Default	Comments
dot1dTrafficClass	Yes	read-write	None	As per MIB

**Table 823: dot1dPortOutboundAccessPriorityTable**

MIB Objects	Supported	Access	Default	Comments
dot1dPortOutboundAccessPriority	No	read-only	None	Not implemented

**Table 824: dot1dTpHCPortTable**

MIB Objects	Supported	Access	Default	Comments
dot1dTpHCPortInFrames	Yes	read-only	None	As per MIB
dot1dTpHCPortOutFrames	Yes	read-only	None	As per MIB
dot1dTpHCPortInDiscards	Yes	read-only	None	As per MIB

**Table 825: dot1dTpPortOverflowTable**

MIB Objects	Supported	Access	Default	Comments
dot1dTpPortInOverflowFrames	Yes	read-only	None	As per MIB

**Table 825: dot1dTpPortOverflowTable (Continued)**

MIB Objects	Supported	Access	Default	Comments
dot1dTpPortOutOverflowFrames	Yes	read-only	None	As per MIB
dot1dTpPortInOverflowDiscards	Yes	read-only	None	As per MIB

**Table 826: icmp**

MIB Objects	Supported	Access	Default	Comments
icmpInMsgs	Yes	read-only	None	As per MIB
icmpInErrors	Yes	read-only	None	As per MIB
icmpInDestUnreachs	Yes	read-only	None	As per MIB
icmpInTimeExcds	Yes	read-only	None	As per MIB
icmpInParmProbs	Yes	read-only	None	As per MIB
icmpInSrcQuenchs	Yes	read-only	None	As per MIB
icmpInRedirects	Yes	read-only	None	As per MIB
icmpInEchos	Yes	read-only	None	As per MIB
icmpInEchoReps	Yes	read-only	None	As per MIB
icmpInTimestamps	Yes	read-only	None	As per MIB
icmpInTimestampReps	Yes	read-only	None	As per MIB
icmpInAddrMasks	Yes	read-only	None	As per MIB
icmpInAddrMaskReps	Yes	read-only	None	As per MIB
icmpOutMsgs	Yes	read-only	None	As per MIB
icmpOutErrors	Yes	read-only	None	As per MIB
icmpOutDestUnreachs	Yes	read-only	None	As per MIB
icmpOutTimeExcds	Yes	read-only	None	As per MIB
icmpOutParmProbs	Yes	read-only	None	As per MIB
icmpOutSrcQuenchs	Yes	read-only	None	As per MIB
icmpOutRedirects	Yes	read-only	None	As per MIB
icmpOutEchos	Yes	read-only	None	As per MIB
icmpOutEchoReps	Yes	read-only	None	As per MIB
icmpOutTimestamps	Yes	read-only	None	As per MIB
icmpOutTimestampReps	Yes	read-only	None	As per MIB
icmpOutAddrMasks	Yes	read-only	None	As per MIB
icmpOutAddrMaskReps	Yes	read-only	None	As per MIB

## 10.17 Q-BRIDGE-MIB (RFC 2674)

**Table 827: dot1qBase**

MIB Objects	Supported	Access	Default	Comments
dot1qVlanVersionNumber	Yes	read-only	None	As per MIB
dot1qMaxVlanId	Yes	read-only	None	As per MIB
dot1qMaxSupportedVlans	Yes	read-only	None	As per MIB
dot1qNumVlans	Yes	read-only	None	As per MIB
dot1qGvrpStatus	Yes	read-write	disabled	As per MIB

**Table 828: dot1qVlan**

MIB Objects	Supported	Access	Default	Comments
dot1qVlanNumDeletes	Yes	read-only	None	As per MIB
dot1qNextFreeLocalVlanIndex	Yes	read-only	None	As per MIB
dot1qConstraintSetDefault	No	read-write	None	Not implemented
dot1qConstraintTypeDefault	No	read-write	None	Not implemented

**Table 829: dot1qFdbTable**

MIB Objects	Supported	Access	Default	Comments
dot1qFdbDynamicCount	Yes	read-only	None	As per MIB

**Table 830: dot1qTpFdbTable**

MIB Objects	Supported	Access	Default	Comments
dot1qTpFdbPort	Yes	read-only	None	As per MIB
dot1qTpFdbStatus	Yes	read-only	None	As per MIB

**Table 831: dot1qTpGroupTable**

MIB Objects	Supported	Access	Default	Comments
dot1qTpGroupEgressPorts	Yes	read-only	None	As per MIB
dot1qTpGroupLearnt	Yes	read-only	None	As per MIB

**Table 832: dot1qForwardAllTable**

MIB Objects	Supported	Access	Default	Comments
dot1qForwardAllPorts	No	read-only	None	Not implemented
dot1qForwardAllStaticPorts	No	read-write	None	Not implemented
dot1qForwardAllForbiddenPorts	No	read-write	None	Not implemented

**Table 833: dot1qForwardUnregisteredTable**

MIB Objects	Supported	Access	Default	Comments
dot1qForwardUnregisteredPorts	No	read-only	None	Not implemented
dot1qForwardUnregisteredStaticPorts	No	read-write	None	Not implemented
dot1qForwardUnregisteredForbiddenPorts	No	read-write	None	Not implemented

**Table 834: dot1qStaticUnicastTable**

MIB Objects	Supported	Access	Default	Comments
dot1qStaticUnicastAllowedToGoTo	No	read-write	None	Not implemented
dot1qStaticUnicastStatus	No	read-write	3	Not implemented

**Table 835: dot1qStaticMulticastTable**

MIB Objects	Supported	Access	Default	Comments
dot1qStaticMulticastStaticEgressPorts	No	read-write	None	Not implemented
dot1qStaticMulticastForbiddenEgressPorts	No	read-write	None	Not implemented
dot1qStaticMulticastStatus	No	read-write	3	Not implemented

**Table 836: dot1qVlanCurrentTable**

MIB Objects	Supported	Access	Default	Comments
dot1qVlanFdbId	Yes	read-only	None	As per MIB
dot1qVlanCurrentEgressPorts	Yes	read-only	None	As per MIB
dot1qVlanCurrentUntaggedPorts	Yes	read-only	None	As per MIB
dot1qVlanStatus	Yes	read-only	None	As per MIB
dot1qVlanCreationTime	Yes	read-only	None	As per MIB

**Table 837: dot1qVlanStaticTable**

MIB Objects	Supported	Access	Default	Comments
dot1qVlanStaticName	Yes	read-create	None	As per MIB
dot1qVlanStaticEgressPorts	Yes	read-create	None	As per MIB
dot1qVlanForbiddenEgressPorts	Yes	read-create	None	As per MIB
dot1qVlanStaticUntaggedPorts	Yes	read-create	None	As per MIB
dot1qVlanStaticRowStatus	Yes	read-create	None	As per MIB

**Table 838: dot1qPortVlanStatisticsTable**

MIB Objects	Supported	Access	Default	Comments
dot1qTpVlanPortInFrames	No	read-only	None	Not implemented
dot1qTpVlanPortOutFrames	No	read-only	None	Not implemented
dot1qTpVlanPortInDiscards	No	read-only	None	Not implemented
dot1qTpVlanPortInOverflowFrames	No	read-only	None	Not implemented
dot1qTpVlanPortOutOverflowFrames	No	read-only	None	Not implemented
dot1qTpVlanPortInOverflowDiscards	No	read-only	None	Not implemented

**Table 839: dot1qPortVlanHCStatisticsTable**

MIB Objects	Supported	Access	Default	Comments
dot1qTpVlanPortHCInFrames	No	read-only	None	Not implemented
dot1qTpVlanPortHCOutFrames	No	read-only	None	Not implemented
dot1qTpVlanPortHCInDiscards	No	read-only	None	Not implemented

**Table 840: dot1qLearningConstraintsTable**

<b>MIB Objects</b>	<b>Supported</b>	<b>Access</b>	<b>Default</b>	<b>Comments</b>
dot1qConstraintType	No	read-create	None	Not implemented
dot1qConstraintStatus	No	read-create	None	Not implemented

## 10.18 FASTPATH-INTERFACE-APP-MIB

Table 841: agentLinkFlapGlobal

MIB Objects	Supported	Access	Default	Comments
agentLinkFlapAdminMode	Yes	read-write	None	As per MIB
agentLinkFlapDuration	Yes	read-write	None	As per MIB
agentLinkFlapMaxCount	Yes	read-write	None	As per MIB

## Revision History

### **EFOS3.X-PG300; November 20, 2018**

Initial release.

