

IP Operating System Protocol and Port Numbers

List

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1 Protocol Numbers

For a list of protocol numbers, see the list maintained by the Internet Assigned Numbers Authority (IANA), at <http://www.iana.org>.



2 TCP and UDP Port Numbers

Note: Table 1 lists registered and static ports. A few dynamic and ephemeral ports are used over non-routable IP addresses for internal communication within the chassis (for example, IPC between IP Operating System modules within the chassis over the 127.0.0.0/16 IP address range). These ports are not visible from outside the chassis and are not documented.

Table 1 TCP and UDP Port Numbers

Table 1 lists the supported TCP and UDP port numbers.

Protocol	Type	Port	Notes
BFD	UDP	3784	
BGP	TCP	179	
DHCP	UDP	67	
DHCPv6	UDP	547	
DNS	UDP	53	
FTP	TCP	20, 21	
HTTP-Redirect	TCP	80, 8080	
ICR	UDP	61001-65535	CLI configurable
IKE	UDP	500	
L2TP	UDP	1701	
LDP	TCP	646	
LDP	UDP	646	
MPLS ping	UDP	3503	
NTP	UDP	123	
RADIUS	UDP	1645, 1646, 1812, 1813, 3799	
Rflow	UDP	9997	CLI configurable
RIP	UDP	520	
RIPng	UDP	521	
SFTP	TCP	22	
SNMP	UDP	161, 162	
SSH	TCP	22	



Protocol	Type	Port	Notes
Syncd	TCP	10000	
SYSLOG	UDP	514	
TACACS+	TCP	49	
Telnet	TCP	23	