RAID500 Configuration Information CSV File Output Tool

Rev.7

－Contents－

1. Outline

The tool explained in this manual outputs configuration information set for the RAID500 subsystem in the format of the CSV file that can be processed easily.

2. Procedure for Installing/Uninstalling RAID500 Configuration Information CSV File Output Tool

2.1. Installing the tool

(1) Start the Setup.exe of RAID500 Configuration Information CSV File Output Tool. The window for initializing the installer is displayed.
(CDR : Program\CNF_TOOL\off_tool\ SETUP.EXE)
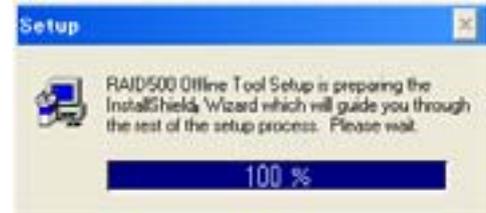
(2) Select the target directory of the installation
Select the directory onto which the application
Will be installed.

(3) Installation executed
Installation activity executes (file copying).

(4) Installation terminated
The installation termination screen is displayed.
When you click the [Finish] button, the Installation will be terminated.
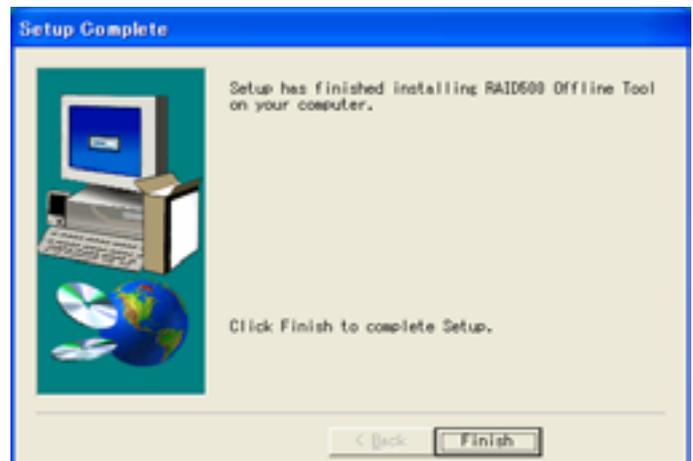
2.2. Uninstalling the tool

(1) Start up the Add or Remove Programs function of applications
Select [Start]-[Control Panel]-[Add or Remove Programs] and start up the Add or Remove Programs. (See Note1.)

(2) Remove the tool
Select "RAID500 Offline Tool" in the Add or Remove Programs, click the [Change/Remove] button, and the tool program will be normally removed.

Note 1: This manual is written in conformity with the operation environment of Windows XP®. In the case of an OS other than Windows XP® (such as Windows 2000®), the procedures may be somewhat different from those shown in this manual.

3. Procedure for Using RAID500 Configuration Information CSV File Output Tool (with Windows Program)

3.1. Start-up method

Select [Start]-[All Programs]-[RAID500 Offline Tool]-[Configuration Print Out].
RAID500 Configuration Information CSV File Output Tool is started. (See Note 1.)

3.2. Procedure for using the tool

When the operation is performed following the starting procedure explained in Section 3.1, the main dialog box shown in Figure 1 is displayed. A procedure for using it is shown below.

(1) Specifying the configuration information directory
Specify the configuration information directory. You can also specify the configuration information directory through the window for specifying it (shown in Figure 2), which appears when the [Browse] button shown in Step (1) is pressed. (See Note 2, and Note 2-1.)

(2) Specifying the CSV file output directory
Specify a directory for storing the configuration information specified in Step (1) in the CSV file format. You can also specify the CSV file output directory through the window for specifying it (shown in Figure 3), which appears when the [Browse] button shown in Step (2) is pressed. (See Note 2.)

(3) Creating the CSV file
When the [Create] button is pressed, the CSV file is created in the directory specified in Step (2). Besides, the configuration information list window shown in Figure 4 is displayed after the CSV file is created. Figure 4 displays the CSV file that has been created in the list format.

(4) Displaying the CSV file list
When the [View] button is pressed, the configuration information list window shown in Figure 4 is displayed. Figure 4 displays the CSV file that has been specified in Step (2) in the list format.

(5) Quitting RAID500 Configuration Information CSV File Output Tool
When the [Exit] button is pressed, RAID500 Configuration Information CSV File Output Tool is quit.

Note 1: This manual is written in conformity with the operation environment of Windows XP®. In the case of an OS other than Windows XP® (such as Windows 2000®), the procedures may be somewhat different from those shown in this manual.

Note 2: Number of characters that can be entered is 127.

Note 2-1: Please specify the configuration information which is in agreement with the version indicated by media.

Figure 2 Configuration Information Directory Specification Window

Figure 1 Main Window

Figure 3 CSV File Output Directory Specification Window

Figure 4 Configuration Information List Window

3.4 Error messages and actions to cope with them (Message boxes displayed by the Windows program)

A list of error messages is shown below.

No.	Error message	Description	Action to be taken
1	There is no output folder. Do you want the folder to be created?	No output folder exists. Do you want to create it?	When you want to create the folder, press the OK button. The pressing of the OK button creates the CSV file. When you do not want to create the folder, press the Cancel button. The pressing of the Cancel button displays Figure 2.
2	The system could not make the CSV File. "Name of the CSV file in which an error occurred"	The creation of the CSV file failed.	Check whether or not the environment allows the file and folder to be created.
3	The Csv File does not exist.	No CSV file exists.	Create the CSV file once again. Use the CSV file that is to be created.
4	File Open Error.	The CSV file cannot be opened.	Create the CSV file once again. Use the CSV file that is to be created.
5	The Csv File is invalid.	The CSV file is illegal.	Create the CSV file once again. Use the CSV file that is to be created.
6	The "CSV displayed items" has an Error on the Line x.	An error occurred in the line x in the displayed items of the CSV.	Create the CSV file once again. Use the CSV file that is to be created.
7	Error: Non file is "DAT file name."	The DAT file cannot be opened.	Get valid configuration information and use it. (See Note 3.)
8	Error: Error file is "DAT file name"	The DAT file cannot be read.	Get valid configuration information and use it. (See Note 3.)
9	Specified the directory is not the directory containing the target Configuration Information.	The specified directory does not include the configuration information.	Get valid configuration information and use it. (See Note 3.)
10	The output directory making failed.	The creation of the directory for outputting the CSV file failed.	Check whether or not the environment allows the file and folder to be created.
11	Please defrost compressed composition Configuration Information.	The compressed configuration information was specified.	De-compress the configuration information that is compressed.

Note 3: De-compress dumped data, which has been got using the automatic dump function of the SVP, with a PC, etc. Use configuration information contained in the dumped data that is de-compressed.

4. Procedure for Using RAID500 Configuration Information CSV File Output Tool (Starting the Tool with Command Line)

RAID500 Configuration Information CSV File Output Tool can also be started using the command line. The procedure for the operation is explained below.

4.1. Procedure for using the tool

When [Start], [All Programs], [Accessory], and [Command Prompt] are selected in this order, the command prompt is started (see Note 1). Then describe the command parameter as shown below.

Example:
cnfpout   /cmd   c:\dkc200\config   c:\tmp   [>c:\Error\Err.txt]

The allowable length of the character string between cnfpout and c:\tmp is limited to 253 characters (including spaces) because of the entry limit set on the command prompt. If the length of the character string is longer than that prescribed, the program is not started.

- cnfpout (Starter AP)
  The starter program, "cnfpout," is to be executed in a directory in which it is installed or in a directory specified as the full path.
- /cmd (Option for the start with command line)
  To start the command line, specify "/cmd." When no specification is made or an illegal character is specified, the Windows program of RAID500 Configuration Information CSV File Output Tool is started.
- c:\dkc200\config (Specification of the configuration information directory)
  This specifies the configuration information directory as the full path. When no specification is made or an illegal directory is specified, an error is caused. (See Note 2, and Note 2-1.)
- c:\tmp (Specification of the CSV file output directory)
  This specifies a directory for storing the output result (CSV file) as the full path. When no specification is made or an illegal directory is specified, an error is caused. (See Note 2.)
- [>c:\Error\Err.txt] (Name of a file for error message outputs)
  When this specification is made, an error file, which is used for analyzing a cause of an error that occurs in the start made with the command line, is created. The tool can also be started by the command line without making this specification.

Note 1:   This manual is written in conformity with the operation environment of Windows XP®. In the case of an OS other than Windows XP® (such as Windows 2000®), the procedures may be somewhat different from those shown in this manual.

Note 2:   Number of characters that can be entered is 127.

Note 2-1: Please specify the configuration information which is in agreement with the version indicated by media.

4.2. Error messages and actions to cope with them
(Entries in the error file in the case of the start with command line)

A list of error information is shown below.

No.	Error information	Description	Action to be taken
1	Error : Invalid Parameter.	The parameter is invalid.	As the parameters necessary for the start with the command line, describe the starter AP, option for the start with command line, specification of the configuration information directory, and specification of the CSV file output directory.
2	Error : Invalid Configuration Directory.	The directory for storing the configuration information is invalid.	Get the valid configuration information and use it. (See Note 3.)
3	Error : Invalid CSV Output Directory.	The CSV file output directory is invalid.	Create a valid directory and specify it.
4	Error : These CSV Files making Failed.	The creation of the CSV file failed.	Check whether or not the environment allows the file and folder to be created.
5	Error: Non file is "DAT file name."	The DAT file cannot be opened.	Get the valid configuration information and use it. (See Note 3.)
6	Error: Error file is "DAT file name."	The DAT file cannot be read.	Get the valid configuration information and use it. (See Note 3.)
7	Error : Unknown Error.	A cause of the error is unknown.	Contact the Division concerned (RSD).
8	Finished.	The execution of the program is finished.	-

Note 3: De-compress dumped data, which has been got using the automatic dump function of the SVP, with a PC, etc. Use configuration information contained in the dumped data that is de-compressed.

5. Output format

5.1. Output

Printout Tool outputs the following files.
The output CSV files are as follows.

#	File Name	Contents
0	AllConf.csv	All information
1	MicroVersion.csv	Micro Version
2	SsidInfo.csv	Subsystem ID
3	DkcInfo.csv	DKC information
4	SmInfo.csv	Shared Memory information
5	CacheInfo.csv	Cache Memory information
6	SysoptInfo.csv	System Option information
7	PpInfo.csv	Program Products information
8	PkInfo.csv	Channel Package information
9	DcrInfo.csv	Cache BIND Extent information
10	LunInfo.csv	LUN information
11	WwnInfo.csv	World Wide Name information
12	LdevInfo.csv	LDEV information
13	PdevInfo.csv	PDEV information
14	ChaStatus.csv	CHA status
15	DkaStatus.csv	DKA status
16	MpPathStatus.csv	Mp Path status
17	PdevStatus.csv	PDEV status
18	LdevStatus.csv	LDEV status
19	LunPortInfo.csv	LUN Port information
20	LuseInfo.csv	LUSE information
21	PhyPathStatus.csv	Main Frame Physical Path status (See Note 4.)
22	LogPathStatus.csv	Main Frame Logical Path status (See Note 4.)
23	ELunInfo.csv	External LUN information
24	LPartition.csv	Logical Partitioning
25	SMfundat.csv	SM Install function
26	IscsiNameInfo.csv	iSCSI Name information
27	IscsiPortInfo.csv	iSCSI Port information
28	ModePerClpr.csv	System Option Mode Per CLPR

Note 4: The LogPathStatus.csv and PhyPathStatus.csv are not displayed correctly unless the windows of the M/F Logical Path status and M/F physical Path status are opened through the SVP maintenance window and the data is collected.

5.2. CSV file format

Contents of the CSV file are as follows.
"-" means invalid Information. Blank means un-mounting or no information.

(1) MicroVersion.csv
    Information: Microcode Versions

Item	Content
Main Version	Displays DKC MAIN Microcode Version (hex)
LCP Version	Displays LCP Microcode Version (hex)
LCDG Version	Displays LCDG Microcode Version (hex)
RAM Boot Version	Displays RAM Boot Microcode Version (hex)
ROM Boot Version	Displays ROM Boot Microcode Version (hex)
Configuration Type	Displays Configuration Type (RAID500/ XP12000/ H12000 for FC) (RAID501/ XP10000/ H10000 for RACK)
Printout Tool Version	Displays Printout Tool Version (Alphanumeric characters)

(2) SsidInfo.csv
    Information: Subsystem ID

Item	Content
DEV# Start	Start of SSIDs (hex)
DEV# END	End of SSIDs (hex)
SSID	Sub System ID (hex)

(3) DkcInfo.csv
    Information: DKC

Item	Content
DKC SN#	Serial Number(decimal)
IP Address	IP Address(decimal)
Subnet Mask	Subnet Mask(decimal)
CU count	The number of CUs(decimal)
Number of DKA	The number of DKAs(decimal)
CL Additional Power Supply	Power Supply(equipped/unequipped)
Type(H/A/PCM/UNISYS)	Config Type(H/A/PCM/UNISYS)
Power Supply Type	DKC power supply type
DKU-R1(for FC) DKU-RK1(for RACK)	DKU-R1 power supply type for FC DKU-RK1 power supply type for RACK
DKU-L1(for FC) DKU-RK2(for RACK)	DKU-L1 power supply type for FC DKU-RK2 power supply type for RACK
DKU-R2(for FC) DKU-RK3(for RACK)	DKU-R2 power supply type for FC DKU-RK3 power supply type for RACK
DKU-L2(for FC) Blank(for RACK)	DKU-L2 power supply type for FC Blank for RACK

(4) SmInfo.csv
    Information: Shared Memory

Item	Content
Label	Shared Memory Package name (A=CL1, B=CL2)
dimm size0	DIMM Size (Location:0) (MB)
dimm size1	DIMM Size (Location:1) (MB)
dimm size2	DIMM Size (Location:2) (MB)
dimm size3	DIMM Size (Location:3) (MB)
dimm size4	DIMM Size (Location:4) (MB)
dimm size5	DIMM Size (Location:5) (MB)
Total	Total Size (MB)
MRCF CHECK	Install HMRCF/HOMRCF/HRC/HORC/HIHSM Function (On/Off)

(5) CacheInfo.csv
Information: Cache Memory

Item	Content
Label	Cache memory (A=CL1, B=CL2)
Basic-Capacity(MB)	Basic Package Usable Capacity (Total: MB)
Basic-Ondemand(MB)	Basic Package On-demand Capacity (Total: MB)
Option-Capacity(MB)	Option Package Usable Capacity (Total: MB)
Option-Ondemand(MB)	Option Package On-demand Capacity (Total: MB)
Basic-CMG(MB)	Basic Package CMG (MB)
Option-CMG(MB)	Option Package CMG (MB)
Basic-Count	The number of Cache memories in Basic Package
Option-Count	The number of Cache memories in Option Package
DCR Available (MB)	DCR Available Size (MB)
PCR Available (MB)	PCR Available Size (MB)

(6) SysoptInfo.csv
Information: System Option

Item	Content
Spare Disk Recovering mode	Spare Disk Recovering mode (Interleave mode/Offline mode(See Note 5.))
Dynamic Sparing	Dynamic Sparing (Do/Do not)
Correction Copy	Correction Copy (Do/Do not)
Disk Copy pace	Disk Copy pace (Faster/Medium/Slower)
System Option On	System Option flag
Fixed Serial number	Fixed Serial number (On/Off)
Power Lost Mode	Power Lost Mode (Memory Backup Mode/Destage Mode)
External UPS	External UPS (On(XX),Off) XX:Time (min)
Cache Segment Size	Cache Segment Size (48KB/56KB/64KB)
Cache Segment Side A	Cache Segment Side A (48KB/56KB/64KB)
Cache Segment Side B	Cache Segment Side B (48KB/56KB/64KB)
Link Failure Threshold	Link Failure Threshold
WDCP	Only domestic H form is displayed (On/Off)
DDUMP	Only domestic H form is displayed (On/Off)

(7) PpInfo.csv
Information: Program Products

Item	Content
PP Name	Program Product name
Bit	Installation for RAID (ON/OFF)
SLPR#0	Installation for SLPR#0 (ON/OFF)
SLPR#1	Installation for SLPR#1 (ON/OFF)
.	.
.	.
SLPR#30	Installation for SLPR#30 (ON/OFF)
SLPR#31	Installation for SLPR#31 (ON/OFF)

Note 5: "Offline mode" means "Full Speed mode".

(8) PkInfo.csv
Information: Channel Package

Item	Content
Basic/Option	Package Location (Basic/Option/Option2/Option3/ Option4/Option5/Option6/ Option7 for FC) (Basic/Option for RACK)
PK	Package Location (CHA-xy: x=Cluster, y=Slot)
Eml	DKC Emulation type (Only the package of MF system is displayed.)
Port	Port number (hex)
Port Location	Port Location (Name)
Port Type	Package type
Mode	Fibre Port Mode (Standard Mode/High Speed Mode/ MIX Mode)
Type	Fibre Port Type (Initiator/Target/RCU Target/External/LCP/RCP/ Type(HTP))
Topology1	Fibre Topology (fabric:ON/OFF)
Topology2	Fibre Topology (Connection:PtoP/FC-AL)
Port Address	Fibre Port Address (hex)
Port Ondemand	Port Ondemand (On/Off)

(9) DcrInfo.csv
Information: Cache BIND Extent

Item	Content
HDEV#	HDEV number (hex)
Type	DCR type (BIND/PRIO)
BOE (CC/H)	Begin slot of DCR (CC:Cylinder / H:Head)
EOE (CC/H)	End slot of DCR (CC:Cylinder / H:Head)
PreStaging	Prestaging flag (ON/OFF)

(10) LunInfo.csv
Information: LUN

Item	Content
Port	Port Location (Name)
Group	Host Group name (See Note 6.)
HostMode	Host Mode
LUN#	LUN number (hex)
CU#	CU number (hex)
LDEV#	LDEV number (hex)
LUSE Num	The number of LDEVs in LUSE (decimal)
Cmd.Dev	If the LU is command device (1 for Command Device, 1* for Remote Command Device, 0 for others)
Cmd.Sec	If command security setting exists (1 for Command Security, 0 for others)
CVS	If CVS exists (1 for CV,0 for Not CV)
CHA	Location of CHA
PortType	Package type

(11) WwnInfo.csv
Information: World Wide Name

Item	Content
Port	Port Location (Name)
Group	Host Group name
HostMode	Host Mode
WWN	World Wide Name
NickName	Nick Name
Host Mode Option	Host Mode Option

Note 6: In the case of an iSCSI package, the iSCSI name by the side of a target is displayed.

(12) LdevInfo.csv
Information: LDEV

Item	Content
ECC Group	Ecc group (The "#" means External Volume) (The "V" means Virtual Volume) (The "P" means Pool Volume)
HDEV#	HDEV number (hex)
Emulation	LDEV Emulation type
Type	LDEV type (CMDDEV for Command Device, CMDDEV* for Remote Command Device, Regular for others)
CYL	Capacity (Cylinder Num)
VolSize(MB)	LDEV volume size (MB) (Total Size for LBA, User Size for others)
Cvset	CVS status (On for CV, Off for Not CV)
LUSE	LUSE or not (1 for LUSE, 0 for others)
RAID Concatenation#0	Ecc group to be combined
RAID Concatenation#1	Ecc group to be combined
RAID Concatenation#2	Ecc group to be combined
ORACLE CHECK SUM	Oracle Check Sum (1 for On, 0 for Off)

(13) PdevInfo.csv
Information: PDEV

Item	Content
ECC Group	Ecc group
CR#	CR number (Location)
Location	Location name
Drive Type	Drive type
Version	Drive FW Version (xxyy: xx=ROM, yy=RAM for Hitachi) (yyyy: RAM for Seagate)
SN#	Serial Number (decimal)
RAID Level	RAID level
RAID Concatenation#0	Ecc group to be combined
RAID Concatenation#1	Ecc group to be combined
RAID Concatenation#2	Ecc group to be combined

(14) ChaStatus.csv
Information: CHA status

Item	Content
CHA	CHA Location
PCB	PCB status (*)
MP#00	MP#00 status (*)
MP#01	MP#01 status (*)
:	:
MP#06	MP#06 status (*)
MP#07	MP#07 status (*)
LCP/FCP#00	LCP/FCP#00 status (*)
LCP/FCP#01	LCP/FCP#01 status (*)
:	:
LCP/FCP#0e	LCP/FCP#0e status (*)
LCP/FCP#0f	LCP/FCP#0f status (*)

*1: Normal, 0: Abnormal, Blank: Not installed

(15) DkaStatus.csv
    Information: DKA status

Item	Content
DKA	DKA Location
PCB	PCB status (*)
MP#00	MP#00 status (*)
MP#01	MP#01 status (*)
:	:
MP#07	MP#07 status (*)
DRR#00	DRR#00 status (*)
DRR#01	DRR#01 status (*)
:	:
DRR#07	DRR#07 status (*)
FCA#00	FCA#00 status (*)
FCA#01	FCA#01 status (*)
:	:
FCA#07	FCA#07 status (*)

*1: Normal, 0: Abnormal, Blank: Not installed

(16) MpPathStatus.csv
    Information: MP Path status

Item	Content
CHP/DKP	CHP/DKP number (hex)
SM A0-Path#00	SM A0-Path#00 status (*)
SM A2-Path#00	SM A2-Path#00 status (*)
SM B1-Path#00	SM B1-Path#00 status (*)
SM B3-Path#00	SM B3-Path#00 status (*)
SM A0-Path#01	SM A0-Path#01 status (*)
SM A2-Path#01	SM A2-Path#01 status (*)
SM B1-Path#01	SM B1-Path#01 status (*)
SM B3-Path#01	SM B3-Path#01 status (*)
CMPK#0-00	CMPK#0-00 status (*)
CMPK#0-01	CMPK#0-01 status (*)
:	:
:	:
CMPK#3-0b	CMPK#3-0b status (*)

*1: Normal, 0: Abnormal, Not installed

(17) PdevStatus.csv
    Information: PDEV status

Item	Content
CR#	CR number (Location)
Pdev	PDEV status (*)
Port0	Port0 status (*)
Port1	Port1 status (*)
Location	Location name

*1: Normal, 0: Abnormal, Blank: Not installed

(18) LdevStatus.csv
    Information: LDEV status

Item	Content
VDEV#	VDEV number (hex)
VDEV Status	VDEV status (*)
HDEV#	HDEV number (hex)
HDEV Status	HDEV status (*)
Emulation	LDEV Emulation type
ECC Group	Ecc group Ecc group (The "#" means External Volume) (The "V" means Virtual Volume) (The "P" means Pool Volume)

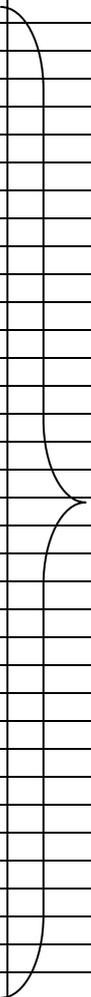*1: Normal, 0: Abnormal, Blank: Not installed

(19) LunPortInfo.csv
Information: LUN Port

Item	Content
Port Location	Port Location (Name)
Security Switch	Security Switch (switch: On/Off)
Address	Fibre Port Address (hex (Loop ID))
Fabric	Fibre Topology (fabric: On/Off)
Connection	Fibre Topology (Connection: PtoP/FC-AL)
Channel Speed	Channel Speed (1G/2G/4G/Auto)
WWN	World Wide Name
Port Ondemand	Port Ondemand (On/Off)
CU Group	CU number (hex) belonging to each CU Group

(20) LuseInfo.csv
Information: LUSE

Item	Content
CU:LDEV	Top CU:LDEV (hex)
Eml	LDEV Emulation type
Size(Mbyte)	LDEV Size (MB)
Num	The number of combined LDEVs
CU:LDEV(0)	
CU:LDEV(1)	
CU:LDEV(2)	
CU:LDEV(3)	
CU:LDEV(4)	
CU:LDEV(5)	
CU:LDEV(6)	
CU:LDEV(7)	
CU:LDEV(8)	
CU:LDEV(9)	
CU:LDEV(10)	
CU:LDEV(11)	
CU:LDEV(12)	
CU:LDEV(13)	
CU:LDEV(14)	
CU:LDEV(15)	
CU:LDEV(16)	
CU:LDEV(17)	Combined LDEVs are displayed.
CU:LDEV(18)	Areas for max 36 are reserved.
CU:LDEV(19)	
CU:LDEV(20)	
CU:LDEV(21)	
CU:LDEV(22)	
CU:LDEV(23)	
CU:LDEV(24)	
CU:LDEV(25)	
CU:LDEV(26)	
CU:LDEV(27)	
CU:LDEV(28)	
CU:LDEV(29)	
CU:LDEV(30)	
CU:LDEV(31)	
CU:LDEV(32)	
CU:LDEV(33)	
CU:LDEV(34)	
CU:LDEV(35)	

(21) PhyPathStatus.csv
Information: Main Frame Physical Path status

Item	Content
CHA	CHA Location
Port	Port Location (Name)
Self	Link address of the LCP/RCP/HTP (hex)
Dest	Link address of a host connected (hex)
Status	Status in which a node ID is acquired (VALID(CUR)/INVALID)
Type/Model	Type/model name of a host connected (hex)
Seqnumber	Product serial number of a host connected (hex)
Tag	Tag of a host connected (hex)
Port_Name	N_port name of a host connected (hex)
Node_Name	Node name of a host connected (hex)
Speed	Bandwidth of link transfer (1G/2G)

(22) LogPathStatus.csv
Information: Main Frame Logical Path status

Item	Content
LPN#	Logical Path Number (hex)
CHA	CHA Location
Port	Port Location (Name)
LINK	Link address of a host connected (hex)
LGCL	Logical address of a host connected (hex)
CU#	The CU number (control unit address) of the controller connected (hex)

(23) ELunInfo.csv
Information: External LUN

Item	Content
VDEV#	VDEV number (hex)
Characteristic	Device identifier (decimal)
Device	Device name
Capacity (Blocks)	Capacity (Blocks)
IO Suppression Mode	IO Suppression Mode (Enable/Disable)
Cache Mode	Cache Mode (Enable/Disable)
Ecc Group	Ecc group
Vendor	Vendor name
Product	Product name
Serial#	Serial number (decimal)
Port	Port Location (Name)
ExtWWN	External World Wide Name (hex)
ExtLUN	External LUN number (hex)
Priority	Priority (decimal)
ExtLUN Status	External LUN status (Normal/Blocked)
IO TOV	IO TOV (decimal)
QDepth	QDepth (decimal)
Mode	Mode (Multi/Single)

(24) LPartition.csv
Information: Logical Partitioning

Item	Content
SLPR#	SLPR number (decimal)
SLPR Name	SLPR name
CLPR#	CLPR number (decimal)
CLPR Name	CLPR name
Cache Size	Cache size (MB)
DCR Size	DCR size (MB)
PCR Size	PCR size (MB)
EccGrp	Ecc group (The "#" means External Volume) (The "V" means Virtual Volume)
OnDemand	OnDemand (On/Off)
Port Location	Port Location (Name)

(25) SMfundat.csv
Information: SM Install function

Item	Content
SM Install function	SM Install function name (See Note 7.)
Availability	Available for SM Install function (Enable/Disable or Basic/Extension1/Extension2/Extension3)

(26) IscsiNameInfo.csv
Information: iSCSI Name

Item	Content
Port	Port Location (Name)
Target iSCSI name	The iSCSI name by the side of Target
Target iSCSI alias	The iSCSI alias by the side of Target
Target User	The CHAP authentication username by the side of Target
Authentication	CHAP Switch (Enable/Disable)
Host Mode	Host Mode
Host Mode Option	Host Mode Option
Host iSCSI name	The iSCSI name by the side of Host
Host iSCSI nickname	The iSCSI nickname by the side of Host
Host User	The CHAP authentication username by the side of Host
Protocol	Protocol ("CHAP")

(27) IscsiPortInfo.csv
Information: iSCSI Port

Item	Content
Port	Port Location (Name)
IP Address	IP Address (decimal)
Subnet Mask	Subnet Mask (decimal)
Gateway	Gateway Address (decimal)
Port Number	Port Number (decimal)
Keep Alive Timer	Keep Alive Timer (decimal)
MTU	MTU (blank)
iSNS Server	Use of iSNS Server (Enable/Disable)
iSNS IP Address	iSNS IP Address (decimal)
iSNS Port No.	iSNS Port No. (decimal)
MAC Address	MAC Address (hex)

Note 7: Please refer to DkcInfo.csv about the number of CUs.

(28) ModePerClpr.csv
Information: System Option Mode Per CLPR

Item	Content
System Option Mode#	System Option Mode number (decimal)
CLPR#0	System Option Mode for CLPR#0(On)
CLPR#1	System Option Mode for CLPR#1(On)
:	:
CLPR#30	System Option Mode for CLPR#30(On)
CLPR#31	System Option Mode for CLPR#31(On)