

ReleaseOrder ID: DCSG01323640
Headline: Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0011
Release Version: 008.0003.0000.0011
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: GCA
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0011-DCSG01323640-2022-09-20-16-07-02
Release Date: 2022-09-19 13:15:00.000000
Date Generated: Oct 28, 2022

GCA Release Advisory

- Release Advisory From ReleaseOrder DCSG01323640 (Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0011):

Due to incompatibility between applications based on 8.2 or previous versions with firmware package 8.3 or later, it is recommended that while upgrading the Firmware for 9660/9670 adapters to MR 8.3 or later package from 8.2 or prior packages, all the applications also should be upgraded to versions which are based on 8.3 or later.

Defects Fixed (1):

ID: DCSG01324199
Headline: Storcli Ubuntu folder have 2 binaries.
Description Of Change: Removed the storcli binary and repackaged
Issue Description: Storcli Ubuntu folder have 2 binaries.
Steps To Reproduce: Storcli Ubuntu folder have 2 binaries.

Release History

- [DCSG01317431 - Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0010](#)
- [DCSG01314621 - Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0009](#)
- [DCSG01301290 - Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0008](#)
- [DCSG01289366 - Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0007](#)
- [DCSG01270084 - Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0006](#)
- [DCSG01259538 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0005](#)
- [DCSG01251175 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0004](#)
- [DCSG01248516 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0003](#)
- [DCSG01244882 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0002](#)
- [DCSG01236610 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0001](#)
- [DCSG01228399 - Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0000](#)

ReleaseOrder ID: DCSG01317431 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0010
Release Version: 008.0003.0000.0010
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0010-DCSG01317431-2022-09-12-16-49-58
Release Date: 2022-09-12 11:17:23.000000
Date Generated: Oct 28, 2022

ReleaseOrder ID: DCSG01314621 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0009
Release Version: 008.0003.0000.0009
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0009-DCSG01314621-2022-09-07-13-09-38
Release Date: 2022-09-07 07:37:30.000000
Date Generated: Oct 28, 2022

Defects Fixed (3):

ID: DCSG01300940
Headline: On starting D_P_M after reset, cli says failed to retrieve the config
Description Of Change: Updated the CLI to display the message as per the failure received from the underlying layers.
Issue Description: On starting D_P_M after reset, cli says failed to retrieve the config
Steps To Reproduce: On starting D_P_M after reset, cli says failed to retrieve the config

ID: DCSG01302686
Headline: Storcli accepts Drive perf mon start delay value above U16_MAX value
Description Of Change: Failing the start command when the delay given is more than 65535
Issue Description: Storcli accepts Drive perf mon start delay value above U16_MAX value
Steps To Reproduce: Storcli accepts Drive perf mon start delay value above U16_MAX value

ID: DCSG01302726
Headline: get status shows same drives for ongoing, active and pending state
Description Of Change: Updated the code to maintain separate lists for D P M output for ongoing, active and pending state drives
Issue Description: D P M get status shows same drives for ongoing, active and pending state
Steps To Reproduce: D P M get status shows same drives for ongoing, active and pending state

ReleaseOrder ID:	DCSG01301290 Open In CQWeb
Headline:	Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0008
Release Version:	008.0003.0000.0008
UCM Project:	StorCLI_Avenger_8x
Sub UCM Project:	StorCLI_Avenger_8_3
UCM Stream:	
Release Type:	Beta
State:	Released
Release Baseline:	Release-StorCLI_Avenger_8_3-008.0003.0000.0008-DCSG01301290-2022-08-24-00-43-05
Release Date:	2022-08-23 18:58:13.000000
Date Generated:	Oct 28, 2022

Defects Fixed (4):

ID:	DCSG01290401
Headline:	Storecli2 reported Segmentation fault - IOCTL issue during MUR is in progress
Description Of Change:	Storecli2 reported Segmentation fault - IOCTL issue during MUR is in progress
Issue Description:	Storecli2 reported Segmentation fault - IOCTL issue during MUR is in progress
Steps To Reproduce:	Storecli2 reported Segmentation fault - IOCTL issue during MUR is in progress
ID:	DCSG01291038
Headline:	Error code/message which is shown while enabling host jbod security needs to be corrected
Description Of Change:	displaying the exact flag information for detailed error message
Issue Description:	Error code/message which is shown while enabling host jbod security needs to be corrected
Steps To Reproduce:	Error code/message which is shown while enabling host jbod security needs to be corrected
ID:	DCSG01293702
Headline:	Add CLI changes to handle newly added field "FirstRecordOffset" as part of SL8_RTT_READ_HEADER_T
Description Of Change:	When RTT dump is written to a file, FirstRecordOffset in the RTT header will be set to 0 so that decode happens correctly.
Issue Description:	When RTT dump is written to a file, FirstRecordOffset in the RTT header should be set to 0.
Steps To Reproduce:	Add CLI changes to handle newly added field "FirstRecordOffset" as part of SL8_RTT_READ_HEADER_T
ID:	DCSG01294338
Headline:	Error message is wrong when trying to create a sliced virtual drive when drive is missing.
Description Of Change:	failing the command if the array has any missing drive
Issue Description:	Error message is wrong when trying to create a sliced virtual drive when drive is missing.
Steps To Reproduce:	Error message is wrong when trying to create a sliced virtual drive when drive is missing.

ReleaseOrder ID:	DCSG01289366 Open In CQWeb
Headline:	Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0007
Release Version:	008.0003.0000.0007
UCM Project:	StorCLI_Avenger_8x
Sub UCM Project:	StorCLI_Avenger_8_3
UCM Stream:	
Release Type:	Alpha
State:	Released
Release Baseline:	Release-StorCLI_Avenger_8_3-008.0003.0000.0007-DCSG01289366-2022-08-09-19-46-52
Release Date:	2022-08-09 14:09:39.000000
Date Generated:	Oct 28, 2022

Defects Fixed (4):

ID:	DCSG01270112
Headline:	Set auto config primary option doesn't get listed in help
Description Of Change:	Set auto config primary option doesn't get listed in help
Issue Description:	Set auto config primary option doesn't get listed in help
Steps To Reproduce:	Set auto config primary option doesn't get listed in help
ID:	DCSG01272648
Headline:	Storcli does not give any output if you give multiple "drives" field in the virtual drive creation command
Description Of Change:	Storcli does not give any output if you give multiple "drives" field in the virtual drive creation command
Issue Description:	Storcli does not give any output if you give multiple "drives" field in the virtual drivecreation command
Steps To Reproduce:	Storcli does not give any output if you give multiple "drives" field in the virtual drive creation command
ID:	DCSG01277688
Headline:	Incorrect data is displayed under curr clk mode and dev type in PCIe lane information.
Description Of Change:	Updated the column "conn name" to display the data as "-" when data is not present .
Issue Description:	Incorrect data is displayed under curr clk mode and dev type in PCIe lane information.
Steps To Reproduce:	Incorrect data is displayed under curr clk mode and dev type in PCIe lane information.
ID:	DCSG01288384
Headline:	Storcli shows "controller 1" with no output during help display.
Description Of Change:	cli was checking if the syntax error is shown or not only once. Now Checking it for every controller
Issue Description:	Storcli shows "controller 1" with no output during help display.
Steps To Reproduce:	Storcli shows "controller 1" with no output during help display.

ReleaseOrder ID:	DCSG01270084 Open In CQWeb
Headline:	Avenger StorCLI MR 8.3 - StorCLI release order version 008.0003.0000.0006
Release Version:	008.0003.0000.0006
UCM Project:	StorCLI_Avenger_8x
Sub UCM Project:	StorCLI_Avenger_8_3
UCM Stream:	
Release Type:	Pre-Alpha-2
State:	Released
Release Baseline:	Release-StorCLI_Avenger_8_3-008.0003.0000.0006-DCSG01270084-2022-07-20-15-51-48
Release Date:	2022-07-20 10:18:52.000000
Date Generated:	Oct 28, 2022

Defects Fixed (8):

ID: DCSG01252432
Headline: Storcli should display correct Error details for Add virtual disk failure.
Description Of Change: Added the error type for virtual disk creation failure.
Issue Description: Error type was not being displayed for virtual disk creation failure when failed by CLI.
Steps To Reproduce: Create Raid 0 virtual disk on drives which are already configured.

ID: DCSG01253864
Headline: Storcli instance validation fails for " c0 show all" command.
Description Of Change: Updated the schema file with the actual property names we display to user
Issue Description: Storcli instance validation fails for " c0 show all" command.
Steps To Reproduce: Storcli instance validation fails for " c0 show all" command.

ID: DCSG01260185
Headline: Advanced Software Options is showing as support for under storcli2 show all" command
Description Of Change: JSON objects will be cleared and appropriate data will be displayed even for controllers which does not support ASO.
Issue Description: When multiple controllers are present, JSON objects were not cleared up which is resulting in the stale data to be displayed for controller which does not support aso.
Steps To Reproduce: Run storcli2 show all command with multiple controllers connected.

ID: DCSG01263043
Headline: Storcli: Max SasSata Drives should have / between SAS and SATA
Description Of Change: Corrected the controller detailed o/p and help
Issue Description: Storcli: Max SasSata Drives should have / between SAS and SATA
Steps To Reproduce: Storcli: Max SasSata Drives should have / between SAS and SATA

ID: DCSG01263676
Headline: Storcli shows incorrect PortNum and status while setting phy state to ON.
Description Of Change: Storcli shows incorrect PortNum and status while setting phy state to ON.
Issue Description: Storcli shows incorrect PortNum and status while setting phy state to ON.
Steps To Reproduce: Storcli shows incorrect PortNum and status while setting phy state to ON.

ID: DCSG01266684
Headline: Storcli crashes while setting unmap.
Description Of Change: Storcli2 was trying to access invalid address while accessing wsunmap token when it is not given in the command line.
Checking if wsunmap is present before accessing.
Also added the new syntax to the help.
Issue Description: Storcli crashes while setting unmap.
Steps To Reproduce: Storcli crashes while setting unmap.

ID: DCSG01266784
Headline: Observing wrong Detailed Status with negative set offline command.
Description Of Change: Corrected the repetitive error display in the detailed status
Issue Description: Observing wrong Detailed Status with negative set offline command.
Steps To Reproduce: Observing wrong Detailed Status with negative set offline command.

ID: DCSG01267785
Headline: Segmentation fault while tried to provide invalid number of drives for R50 creation
Description Of Change: Restricting the drive access from command line, beyond the user given drive count
Issue Description: Segmentation fault while tried to provide invalid number of drives for R50 creation
Steps To Reproduce: Segmentation fault while tried to provide invalid number of drives for R50 creation

ReleaseOrder ID: DCSG01259538 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0005
Release Version: 008.0003.0000.0005
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: Pre-Alpha-2
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0005-DCSG01259538-2022-07-06-16-34-18
Release Date: 2022-07-06 11:01:41.000000
Date Generated: Oct 28, 2022

Defects Fixed (3):

ID: DCSG01236282
Headline: Complete reset needed or reboot needed message is not displayed to the user for f003 fault
Description Of Change: 3 seconds Delay with 3 retries will be added before issuing the controller list api to SL8.
Issue Description: Driver is not able to get the latest adapter state information when CLI issues the controller list api to get the adapter state immediately.
Steps To Reproduce: Acknowledge the blocking event sequence and check the error message reported.

ID: DCSG01237196
Headline: Storcli shows "invalid parameter period" while setting "duration"
Description Of Change: Updated the parameter from period to duration.
Also update the controller help to display as per controller supported bits
Issue Description: Storcli shows "invalid parameter period" while setting "duration"
Steps To Reproduce: Storcli shows "invalid parameter period" while setting "duration"

ID: DCSG01254086
Headline: Storcli issues regarding "set pdfaileventsoptions".
Description Of Change: Updated the tokeniser to provide atleast one params for "set pdfaileventsoptions".
Issue Description: Storcli issues regarding "set pdfaileventsoptions".
Steps To Reproduce: Storcli issues regarding "set pdfaileventsoptions".

ReleaseOrder ID: DCSG01251175 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0004
Release Version: 008.0003.0000.0004
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:

Release Type:

Pre-Alpha-2

State:

Released

Release Baseline:

Release-StorCLI_Avenger_8_3-008.0003.0000.0004-DCSG01251175-2022-06-24-21-27-59

Release Date:

2022-06-24 15:50:53.000000

Date Generated:

Oct 28, 2022

Defects Fixed (5):

ID: DCSG01236681

Headline: Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

Description Of Change: The valid range for raFactor is 1 to 999. changing the check and the message

Issue Description: Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

Steps To Reproduce: Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

ID: DCSG01237350

Headline: Snapdump generation fails on trying to generate new one due to virtual memeory issue

Description Of Change: CLI will now display that ondemand snapdump generation is successful and along with that will also display error message when driver returns ENOMEM in all command interfaces. 0Kib file will not be created.

Issue Description: Request to generate the ondemand snapdump is successful however CLI tries to get the snapdump data, We see that driver is not able to allocate contiguous memory and call is being returned with ENOMEM. CLI is correctly displaying the error message indicating system does not have enough memory. However, CLI is not indicating that the ondemand snapdump generation was successful and also 0KiB file is being created.

Steps To Reproduce: 1. Launch IO's.
2. Try to get the ondemand snapdump.

ID: DCSG01238803

Headline: Ubuntu x64 (all.deb) file missing instead arm64.deb found in Ubuntu folder

Description Of Change: Packaging of correct set of binaries during release will be done.

Issue Description: Packaging of correct set of binaries during release will be done.

Steps To Reproduce: Ubuntu x64 (all.deb) file missing instead arm64.deb found in Ubuntu folder

ID: DCSG01245535

Headline: Storcli fails to show all parameters when 'get config' is issued (CmdType)

Description Of Change: Displaying the Command Type property, properly

Issue Description: Storcli fails to show all parameters when 'get config' is issued (CmdType)

Steps To Reproduce: Please refer repro steps

ID: DCSG01245633

Headline: Not able to import partial size secure virtual drives when multiple secure drives are present

Description Of Change: Only locked drive references will be sent to firmware to unlock.

Issue Description: While unlocking the locked drives, Tool should unlock only the drives which are locked even though drive keyid get command returns unlocked drive references

Steps To Reproduce: Try to import the locked drives by unlocking.

ReleaseOrder ID: DCSG01248516 [Open In CQWeb](#)

Headline: Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0003

Release Version: 008.0003.0000.0003

UCM Project: StorCLI_Avenger_8x

Sub UCM Project: StorCLI_Avenger_8_3

UCM Stream:

Release Type: Pre-Alpha-2

State: Released

Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0003-DCSG01248516-2022-06-21-17-15-10

Release Date: 2022-06-21 11:38:23.000000

Date Generated: Oct 28, 2022

Defects Fixed (2):

ID: DCSG01244660

Headline: Unable to change drive cache policy after creation of virtual disk

Description Of Change: Tool will now check for the associated drives of a virtual disk correctly before setting the drive cache policy.

Issue Description: When drive cache policy is being set on a virtual disk, Tool is not checking for the associated drives of a virtual disk correctly which is leading to failure.

Steps To Reproduce: set drive cache policy on a virtual disk

ID: DCSG01245633

Headline: Not able to import partial size secure virtual drives when multiple secure drives are present

Description Of Change: Only locked drive references will be sent to firmware to unlock.

Issue Description: While unlocking the locked drives, Tool should unlock only the drives which are locked even though drive keyid get command returns unlocked drive references

Steps To Reproduce: Try to import the locked drives by unlocking.

Enhancements Implemented (3):

ID: DCSG01174566

Headline: Security Version Support on 96xx boards

Description Of Change: Currently, CLI2 does not have a way to report the security version information to the user. With this design in place, CLI2 will display the security version number for each of the components residing in the flash. Impacted command : Cli2 /c0 show [all]. CLI2 will display the security version number for each of the components post successful activation of the downloaded components. Impacted command : Cli2 /cx download file=<> CLI2 will display the security version number of the components residing in the image. Impacted command : cli2 show file<>

Format of the security version number : <major>.<minor>.<unit>.<dev> in decimal with minimum 2 digits. This is inline with firmware display.

Package manifest component does not require the SVN to be displayed to users and hence it will be not displayed for package manifest component.

ID: DCSG01176442

Headline: VMware ESXi 8.0 OS Support - Tool chain migration

Description Of Change: With this implementation, StorCLI will support ESXi8.0 platforms. Toolchain has been migrated to 7.0.3 version with 2.9 VMKAPI headers in place. Changes pertaining to the makefiles and scripts are added for compilation and vib generation. A new ESXi 8.0 VIB will be released as part of the CLI release orders.

This is only a toolchain migration to support ESXi8.0 and does not include the esxcli extension support for enhanced security features of ESXi8.0

ID: DCSG01244769

Headline: Consistency changes w.r.t unmap and write same unmap and handling of newly secured field

Description Of Change: 1. Unmap and writesame unmap properties have been added w.r.t physical drive and virtual drive
2. Unmap and writesame will be allowed now as a one command.
2. Handled secured changes during the display of KeyID

ReleaseOrder ID: DCSG01244882 [Open In CQWeb](#)

Headline:

Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0002

Release Version:

008.0003.0000.0002

UCM Project:

StorCLI_Avenger_8x

Sub UCM Project:

StorCLI_Avenger_8_3

UCM Stream:

Release Type:

Pre-Alpha-1

State:

Released

Release Baseline:

Release-StorCLI_Avenger_8_3-008.0003.0000.0002-DCSG01244882-2022-06-15-22-23-49

Release Date:

2022-06-15 16:51:21.000000

Date Generated:

Oct 28, 2022

Defects Fixed (13):

ID:

DCSG01235515

Headline:

Fixed Drive PM Help issues

Description Of Change:

Fixed Drive PM Help issues

Issue Description:

Fixed Drive PM Help issues

Steps To Reproduce:

Refer Repro steps

ID:

DCSG01235581

Headline:

Drive Perf Mon config duration setting fails for large values

Description Of Change:

Added a check for Drive Perf Mon config duration and running average factor.
If the input value exceeds 65535 (max U16) cli will fail the command with appropriate error msg.

Issue Description:

Drive Perf Mon config duration setting fails for large values

Steps To Reproduce:

Please refer Repro steps

ID:

DCSG01235594

Headline:

help needs update

Description Of Change:

help needs update

Issue Description:

help needs update

Steps To Reproduce:

help needs update

ID:

DCSG01236681

Headline:

Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

Description Of Change:

The valid range for raFactor is 1 to 999. changing the check and the message

Issue Description:

Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

Steps To Reproduce:

Storcli fails to set four or five digit raFactor value (even though it shows Valid range for raFactor is from 0 to 65535)

ID:

DCSG01237069

Headline:

Updated JSON files

Description Of Change:

Updated JSON files

Issue Description:

Updated JSON files

Steps To Reproduce:

Updated JSON files

ID:

DCSG01237106

Headline:

Storcli shows incorrect enclosure ID for invalid drive provided.

Description Of Change:

Failing the command even when cli finds an invalid drive in the drive list.

Issue Description:

Storcli shows incorrect enclosure ID for invalid drive provided.

Steps To Reproduce:

Storcli shows incorrect enclosure ID for invalid drive provided.

ID:

DCSG01237191

Headline:

Storcli shows improper description for "export" spdm command failure.

Description Of Change:

Added the code to handle the failure message for export SPDM command failure.

Issue Description:

Storcli shows improper description for "export" spdm command failure.

Steps To Reproduce:

Storcli shows improper description for "export" spdm command failure.

ID:

DCSG01237304

Headline:

Virtual Disk creation fails with '0xFF Not Configurable' but it's getting created

Description Of Change:

Made sure objObj is not overwritten and also Virtual Disk request is not sent when we do not have any configurable Physical Disks

Issue Description:

Parent JSON object objObj is being overwritten with another object because of which the Virtual Disk creation object is not being displayed.

Steps To Reproduce:

Create each R0 Virtual Disks with both configured and unconfigured drives present.

ID:

DCSG01238671

Headline:

Secure foreign Import preview fails with 'No importable foreign configuration present to preview.'

Description Of Change:

Drive cache will be updated once the drives are unlocked and only for drives which are participating in the volume.

Issue Description:

After drives are unlocked, Drive cache is not being updated to detect if the drive is foreign or not.

Steps To Reproduce:

Preview the import of the locked drives by unlocking them.

ID:

DCSG01232348 (Port Of Defect DCSG01231581)

Headline:

Change factory defaults message

Description Of Change:

Updating the success message to "The Controller firmware has halted due to the set factory default operation. Please wait for sometime."

Issue Description:

Change factory defaults message

Steps To Reproduce:

Change factory defaults message

ID:

DCSG01232359 (Port Of Defect DCSG01227484)

Headline:

CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off

Description Of Change:

Updated CLI to Disable phys based on the respective port number. If all phys of the port are given then proceed else fail with proper message.
And for the existing disabled phy's, we proceed with the user given request.

Issue Description:

And while enabling a phy, if the given phy is disabled then proceed without any validation. And if the given phy is already in enabled state, then get the portnumber of this phy and checking whether all the phy's are part of user given phy list. If one phy is not present, then display a message "SAS Phy number is either invalid or not all phys in a link are provided".
CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off

Steps To Reproduce:

CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off

ID:

DCSG01237189 (Port Of Defect DCSG01235293)

Headline:

The word sometime needs to be 2 words in the cli set factory defaults message

Description Of Change:

Updated the word from sometime to "some time".

Issue Description:

The word sometime needs to be 2 words in the cli set factory defaults message

Steps To Reproduce:

The word sometime needs to be 2 words in the cli set factory defaults message

ID: DCSG01237326 (Port Of Defect DCSG01226611)
Headline: cli disabling wrong NVMe phys
Description Of Change: While disabling the phy, user given phy num is taken as link and disabling them Hence the wrong phys were disabled.
Fix: Updated the cli logic to appropriately look for the phys and disabling them.
Issue Description: cli disabling wrong NVMe phys
Steps To Reproduce: cli disabling wrong NVMe phys

Enhancements Implemented (4):

ID: DCSG01228824 (Port Of EnhancementRequest DCSG01181975)
Headline: Warn/Force user when cli sets all SAS PHYs state to off when setting one PHY to off
Description Of Change: CLI2 needs warn the user when user request to disable/enable a phy when all the phys that belongs to the PCIe-link are not part of the user request.
When user issues command for disable/enable a phy , we retrieve the pcieLink that this hys belongs, and then make a list of all phys that this link belongs to. Later compare it with all the phys in the user request and fail the user request if all the phys of this link are not part of the request. If all the phys were present, the proceed with the user request and perform the operation.

ID: DCSG01228864 (Port Of EnhancementRequest DCSG01186360)
Headline: Change the messaging for graceful / intentional resets (set factory defaults)
Description Of Change: CLI2 needs to display the appropriate message when user requests for set factory defaults on the controller.
When user requests factory defaults, it returns with stat ., we need to look into newly added structure okWithInfo. And CLI2 should analyse this and display the appropriate message to user.

ID: DCSG01228887 (Port Of EnhancementRequest DCSG01182105)
Headline: CLI not to show double connector name information for expander configs
Description Of Change: CLI2 needs to display the enclosure/drive connection information along with the connectorID and removes the duplicate connections from this ouput..
When user issues command for enclosure show all and enclosure is connected in multipath, we get multiple matches in MAP. Read every match and display as part of connection information table and remove if any connection is already added. And for drive detailed properties, read enclPersistentId of all the paths of the drives. For every paths read the respective ENCL_RECEPTACLE_MAP and display as part of connection information table and remove if any connection is already added

ID: DCSG01228923 (Port Of EnhancementRequest DCSG01211153)
Headline: CLI changes for Multiple Encl configs
Description Of Change: CLI displays the enclosure information along with the partner persistentIDs when user requests for enclosure show / show all .
For enclosure show, we get multiple enclosure persistent-IDs. Application will check for the lower receptacle and display it in the enclosure table. And this enclosure entry will have the partner persistent-IDs as part of a new attribute in enclosure table.

ReleaseOrder ID: DCSG01236610 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0001
Release Version: 008.0003.0000.0001
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: Pre-Alpha-1
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0003.0000.0001-DCSG01236610-2022-06-08-19-30-01
Release Date: 2022-06-08 13:50:34.000000
Date Generated: Oct 28, 2022

Defects Fixed (8):

ID: DCSG01224235
Headline: Need proper error description when Add virtual drive fails with Invalid parameter error
Description Of Change: Accessing the first response structure offset instead of looping
Issue Description: Need proper error description when Add virtual drive fails with Invalid parameter error
Steps To Reproduce: Need proper error description when Add virtual drive fails with Invalid parameter error

ID: DCSG01224448
Headline: Drive Perf Monitoring start has to be changed to include drives from different enclosures as part of drive list
Description Of Change: updated the Drive Perf Monitoring start command syntax to include multiple enclosures and slots
Issue Description: Drive Perf Monitoring start has to be changed to include drives from different enclosures as part of drive list
Steps To Reproduce: Drive Perf Monitoring start has to be changed to include drives from different enclosures as part of drive list

ID: DCSG01227890
Headline: Drive Perf Monitoring command shows incomplete data
Description Of Change: Displaying the Hist Data correctly
Displaying the data even if one of the drive is invalid
Issue Description: Drive Perf Monitoring command shows incomplete data
Steps To Reproduce: Drive Perf Monitoring command shows incomplete data

ID: DCSG01228054
Headline: Fixing code review defects for
Description Of Change: Fixing code review defects for ER DCSG01182660
Issue Description: Fixing code review defects for ER DCSG01182660
Steps To Reproduce: Fixing code review defects for ER DCSG01182660

ID: DCSG01235515
Headline: Fixed Drive PM Help issues
Description Of Change: Fixed Drive PM Help issues
Issue Description: Fixed Drive PM Help issues
Steps To Reproduce: Refer Repro steps

ID: DCSG01235581
Headline: Drive Perf Mon config duration setting fails for large values
Description Of Change: Added a check for Drive Perf Mon config duration and running average factor. If the input value exceeds 65535 (max U16) cli will fail the command with appropriate error msg.
Issue Description: Drive Perf Mon config duration setting fails for large values
Steps To Reproduce: Please refer Repro steps

ID: DCSG01232348 (Port Of Defect DCSG01231581)

Headline: Change factory defaults message
Description Of Change: Updating the success message to "The Controller firmware has halted due to the set factory default operation. Please wait for sometime."
Issue Description: Change factory defaults message
Steps To Reproduce: Change factory defaults message

ID: DCSG01232359 (Port Of Defect DCSG01227484)
Headline: CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off
Description Of Change: Updated CLI to Disable phys based on the respective port number. If all phys of the port are given then proceed else fail with proper message.
And for the existing disabled phy's, we proceed with the user given request.
And while enabling a phy, if the given phy is disabled then proceed without any validation. And if the given phy is already in enabled state, then get the portnumber of this phy and checking whether all the phy's are part of user given phy list. If one phy is not present, then display a message "SAS Phy number is either invalid or not all phys in a link are provided".
Issue Description: CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off
Steps To Reproduce: CLI is incorrectly referring to PCIE "Link" numbers when setting SAS phys to on/off

Enhancements Implemented (4):

ID: DCSG01228824 (Port Of EnhancementRequest DCSG01181975)
Headline: Warn/Force user when cli sets all SAS PHY's state to off when setting one PHY to off
Description Of Change: CLI2 needs warn the user when user request to disable/enable a phy when all the phys that belongs to the PCIe-link are not part of the user request.
When user issues command for disable/enable a phy, we retrieve the pcieLink that this hys belongs, and then make a list of all phys that this link belongs to. Later compare it with all the phys in the user request and fail the user request if all the phys of this link are not part of the request. If all the phys were present, the proceed with the user request and perform the operation.

ID: DCSG01228864 (Port Of EnhancementRequest DCSG01186360)
Headline: Change the messaging for graceful / intentional resets (set factory defaults)
Description Of Change: CLI2 needs to display the appropriate message when user requests for set factory defaults on the controller.
When user requests factory defaults, it returns with stat ., we need to look into newly added structure okWithInfo. And CLI2 should analyse this and display the appropriate message to user.

ID: DCSG01228887 (Port Of EnhancementRequest DCSG01182105)
Headline: CLI not to show double connector name information for expander configs
Description Of Change: CLI2 needs to display the enclosure/drive connection information along with the connectorID and removes the duplicate connections from this ouput..
When user issues command for enclosure show all and enclosure is connected in multipath, we get multiple matches in MAP. Read every match and display as part of connection information table and remove if any connection is already added. And for drive detailed properties, read enclPersistentId of all the paths of the drives. For every paths read the respective ENCL_RECEPTACLE_MAP and display as part of connection information table and remove if any connection is already added

ID: DCSG01228923 (Port Of EnhancementRequest DCSG01211153)
Headline: CLI changes for Multiple Encl configs
Description Of Change: CLI displays the enclosure information along with the partner persistentIDs when user requests for enclosure show / show all .
For enclosure show, we get multiple enclosure persistent-IDs. Application will check for the lower receptacle and display it in the enclosure table. And this enclosure entry will have the partner persistent-IDs as part of a new attribute in enclosure table.

ReleaseOrder ID: DCSG01228399 [Open In CQWeb](#)
Headline: Avenger StorCLI MR 8.3 PreAlpha - StorCLI release order version 008.0003.0000.0000
Release Version: 008.0003.0000.0000
UCM Project: StorCLI_Avenger_8x
Sub UCM Project: StorCLI_Avenger_8_3
UCM Stream:
Release Type: Pre-Alpha-1
State: Released
Release Baseline: Release-StorCLI_Avenger_8_3-008.0002.0000.0011-DCSG01228399-2022-05-30-21-51-18
Release Date: 2022-05-30 16:01:38.000000
Date Generated: Oct 28, 2022

Enhancements Implemented (1):

ID: DCSG01182660
Headline: Drive performance management Support for storcli
Description Of Change: Drive performance management Support for storcli