

ReleaseOrder ID: DCSG01312265
Headline: Pre-Alpha-1 Release: WebGUIRelease_8_4 - 008.004.001.000 LSA Linux
Release Version: 008.004.001.000
UCM Project: WebGUIRelease_8
Sub UCM Project: WebGUIRelease_8_4
UCM Stream:
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Defects Fixed (9):

ID: DCSG01300773
Headline: LSA Common: Restore Sensitive data during upgrade
Description Of Change: Enhanced security to protect sensitive data
Issue Description: LSA Common: Restore Sensitive data during upgrade
Steps To Reproduce: LSA Common: Restore Sensitive data during upgrade

ID: DCSG01302650
Headline: 7.24: Force option for downgrading /same psoc flashing should have proper message
Description Of Change: Updated the message as below "Image_download": "Version in the catalog is lower/same than the version currently running, this will downgrade or flash the same PSOC image are you sure you want to continue",
Issue Description: 7.24: Force option for downgrading /same psoc flashing should have proper message
Steps To Reproduce: 7.24: Force option for downgrading /same psoc flashing should have proper message

ID: DCSG01286583 (Port Of Defect DCSG01286580)
Headline: LSA Common: Update the LWA build script to pick local toolchain
Description Of Change: LSA Common: Update the LWA build script to pick local toolchain + ARM script update
Issue Description: LSA Common: Update the LWA build script to pick local toolchain + ARM script update
Steps To Reproduce: LSA Common: Update the LWA build script to pick local toolchain + ARM script update

ID: DCSG01298894 (Port Of Defect DCSG01286046)
Headline: Unable to create secured WS-un-map volume during Advance configuration pages.
Description Of Change: Updated the client code to consider un-map and secure drive groups
Issue Description: Updated the client code to consider un-map and secure drive groups
Steps To Reproduce: Updated the client code to consider un-map and secure drive groups

ID: DCSG01294307 (Port Of Defect DCSG01293318)
Headline: V_D Strip size detail is missing in Server profile page when there is a CC V_D, it works fine if there is no CC V_D
Description Of Change: Handled virtual drive strip size display in the server profile page when CC virtual drive is present.
Issue Description: V_D Strip size detail is missing in Server profile page when there is a CC V_D, it works fine if there is no CC V_D
Steps To Reproduce: 1. Have 1*IT 8.x controller & 1*Megaraid Inva_der in any Gen4 server
2. Flash latest Firmware, driver, LSA, etc
3. Now Launch LSA
4. Click Megaraid Inva_der 730-8i controller and try to create R1 CC V_D or R0 CC V_D
5. Now create some normal V_D in Megaraid Inva_der controller
6. Go to Server profile page and see that Strip size is missing for the respective normal V_D
7. Now delete the CC V_D and see that it is showing strip size properly in Server profile page.

ID: DCSG01294482 (Port Of Defect DCSG01215776)
Headline: Drive Status (UG-bad) is not showing consistently in different pages of LSA
Description Of Change: Handled the unsupported case properly for the drives tab.
Issue Description: Drive Status (UG-bad) is not showing consistently on different pages of LSA
Steps To Reproduce: 1. Connect the controller
2. Now connect LSI Cam_den enclosure behind 940-8e Megaraid External card
3. Now have some drives in the enclosure
4. Make sure that one drive is in UBad drive (unsupported)
5. See the drive status in all pages of LSA
6. See the Other Hardware tab by expanding enclosure & the status shows correctly i.e. Unconfigured Bad (Unsupported)
7. Go to Server profile & the status shows correctly i.e. Unconfigured Bad (Unsupported)
8. Now go to drives tab and see the status & the status shows is not in align with other pages.
9. It shows only Unconfigured bad, but "Unsupported" is missing in drives tab.

ID: DCSG01295709 (Port Of Defect DCSG01287163)
Headline: 8.3 : LSA allows adding virtual drives of different stripe sizes during virtual drive creation, operation fails with error "Invalid parameter: StripSize; not found"
Description Of Change: Updated the config add error code for individual virtual drive.
Issue Description: 8.3 : LSA allows adding virtual drives of different stripe sizes during virtual drive creation, operation fails with error "Invalid parameter: StripSize; not found"
Steps To Reproduce: 8.3 : LSA allows adding virtual drives of different stripe sizes during virtual drive creation, operation fails with error "Invalid parameter: StripSize; not found"

ID: DCSG01300035 (Port Of Defect DCSG01258351)
Headline: OCE progress display issue
Description Of Change: LSA is not populating the oce info for oce ongoing drives. Now the progress is added.
Issue Description: LSA is not populating the oce info for oce ongoing drives.
Steps To Reproduce: 1. Create Single R5 Virtual Disk using simple/advanced configuration
2. After Virtual Disk creation go to DG tab and select Virtual Disk
3. Select R5 Virtual Disk and under Elements Actions select Expand option
4. Select Max drives supported for R5 Virtual Disk i.e., 10 Drives and click on Finish button
5. Go to DG Tab and wait for OCE to start
6. When OCE is progress, verify OCE progress from storcli and LSA
7. After 2% progress, trigger controller reset from storcli.
8. Post controller reset Storcli shows OCE progress details. But LSA fails to show OCE progress.

ID: DCSG01303860 (Port Of Defect DCSG01291543)
Headline:
Description Of Change:
Issue Description:
Steps To Reproduce:

Enhancements Implemented (10):

ID: DCSG01254224
Headline: Enhanced Request handlers in LSA to avoid DoS
Description Of Change: Implementation and ER Details:
1. Setup test with fuzzler script
2. setup test with local crash script and curl non standard http method call script.

- Enhancement:
1. added invalid request handler to avoid DoS in fcgi server
 2. added invalid request handler in json writer
 3. removed assert from libfcgi lib
 4. removed uname to avoid permission trimming from SL generated logs.

ID: DCSG01285687

Headline: Applications: RWC3 8.x Support

Description Of Change: 1.Ensure the libraries which will detect the 8.x based controllers are part of the RWC3 installer bundle.
2.Ensure the LSA rebranded variant of RWC3 detects the 8.x based controllers.
3.The supported controller(s) list is captured as part of the read me file(s) which is part of the RWC3 installer bundle.

ID: DCSG01288551

Headline: LSA Client Enhanced Scheduling Behavior (CC\PR)

Description Of Change: - Load Factory Defaults option in Schedule CC and Schedule PR Panel
- This will load default factory values in Existing CC/PR Panel. On loading, User has to save to restore the factory values

ID: DCSG01299381

Headline: LSA Common: Handle DEAD severity events

Description Of Change: 1. Add dead severity in alert configuration
2. Define alert delivery methods for dead severity
3. Update the individual alert configuration in readme

ID: DCSG01299404

Headline: LSA Server: Handle DEAD severity events

Description Of Change: 1. Handle dead severity events in event consumer
2. Update dead severity in Alert Configuration

ID: DCSG01300658

Headline: Windows: Restrict LSA home directory to the non-Admin users

Description Of Change: 1.Create any directory with the Administrator privileges. For Ex: D:\Test
2.Provide the Write, Modify, Delete access to non-admin user(s).
3.Installer of LSA allows a user(s) to choose the installation folder of the application.
4.When you install the application on another partition or folder (D:\Test), a user(s) with a low privilege has a full permission on the folder of LSA_HOME.
5.Low privilege access user(s) is able to write on the directory, modify the content of the folder and replace the content in the LSA_HOME directory.
6.As part of this low privilege access user(s) will not be able to access the LSA_HOME directory.

ID: DCSG01305092 (Port Of EnhancementRequest DCSG01301956)

Headline: Third Party components Refresh in LSA

Description Of Change: Below components were updgaded to latest version in LSA/LWM :Windows/Linux
Nginx1.22.0
OpenSSL1.1.1q
cURL7.84.0
Boost1.80.
PCRE8.45

ID: DCSG01302604

Headline: LSA: Enhanced Scheduling Behavior

Description Of Change: Added new firmware API support in LSA for enhanced scheduling.

ID: DCSG01276039 (Port Of EnhancementRequest DCSG01276035)

Headline: LSA Monitor: Individual Alert Configuration for different generation

Description Of Change: LSA Monitor: Individual Alert Configuration for different generation
1. Split the alert configuration for different generation
2. Pick the alerts array based on event's generation
3. If alert not fall under the array follow the global action array

ID: DCSG01289759 (Port Of EnhancementRequest DCSG01270110)

Headline: LSA code optimization and warning/error handling.

Description Of Change: LSA code optimization and warning/error handling.