Release Notes: GCA Release : FLASH_MPT_GEN3_Phase12.0 - 13.00.00 Generate PDF

ReleaseOrder ID:	*SCGCQ01042251*
Headline:	*GCA Release : FLASH_MPT_GEN3_Phase12.0 - 13.00.00*
Release Version:	*13.00.00.00*
UCM Project:	*FLASH_MPT_GEN3_Phase12.0*
UCM Stream:	*FLASH_MPT_GEN3_Phase12.0_Rel*
Release Type:	*GCA*
State:	*Deployed*
Release Baseline:	*FLASH_MPT_GEN3_Phase12.0_Rel_2016-03-07.8324@ \SAS2*
Release Date:	*21-MAR-16*
Date Generated:	*Apr 15, 2016*

Release History

- SCGCQ01032328 - Beta Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.0
- SCGCQ01022356 - Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.
- SCGCQ01000953 - Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.
- SCGCQ00996559 - Pre-Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.

ReleaseOrder ID:	*SCGCQ01032328* Open In CQWeb
Headline:	*Beta Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.0*
Release Version:	*12.250.04.00*
UCM Project:	*FLASH_MPT_GEN3_Phase12.0*
UCM Stream:	*FLASH_MPT_GEN3_Phase12.0_Rel*
Release Type:	*Beta*
State:	*Superseded*
Release Baseline:	*FLASH_MPT_GEN3_Phase12.0-2016-02-18-12.250.04.00_REL_1455796498@ \SAS2*
Release Date:	*19-FEB-16*
Date Generated:	*Apr 15, 2016*

ReleaseOrder ID:	*SCGCQ01022356* Open In CQWeb
Headline:	*Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.*
Release Version:	*12.250.03.00*
UCM Project:	*FLASH_MPT_GEN3_Phase12.0*
UCM Stream:	*FLASH_MPT_GEN3_Phase12.0_Rel*
Release Type:	*Alpha*
State:	*Superseded*
Release Baseline:	*FLASH_MPT_GEN3_Phase12.0-2016-02-01-12.250.03.00_REL_1454337642@ \SAS2*
Release Date:	*03-FEB-16*
Date Generated:	*Apr 15, 2016*

Defects Fixed (2):

ID: SCGCQ01001495
Headline: Phase 12 SAS3Flash : When multiple commands are fired simultaneously then the last fired command is failing
Description Of Change: strcmp function for UEFI was causing issue, it was trying to compare between unicode characters instead of ascii. Now changed the StrCmp to AsciiStrCmp function for UEFI platform.
Issue Description: This issue will be seen only on EFI platform. when multiple commands are fired then we check the validity of each command and then only sas3flash will start executing. But after first command the loopup opcode is throwing Invalid op code so we are not able to execute the commands.
Steps To Reproduce: Run sas3flash.efi -o -f fw.bin -sasadd 500605b012345678

ID: SCGCQ01020118
Headline: Phase 12 SAS3Flash : Remove the NVDATA version display after flashing firmware
Description Of Change: Removed firing of IOCTL only in EFI case as the IOC does not come to operational state after reset.
Issue Description: Issue mainly occurs because IOC not coming into operational state after reset. Because of that when we are trying to fire any IOCTL commands, firmware is faulting and thats the reason we are throwing error in sas3flash.

To solve this we have to do a major design change in mptlib2 library, already a PR is approved for this chnages. Once that PR is implemented then card will come into operational state so that we can fire IOCTLs from applications. Currently to avoid firmware faults remove the NVDATA version from EFI platform itself.
Steps To Reproduce: Try flashing firmware in EFI platform after reset, observe error in sas3flash.

ReleaseOrder ID:	*SCGCQ01000953* Open In CQWeb
Headline:	*Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.250.*
Release Version:	*12.250.02.00*
UCM Project:	*FLASH_MPT_GEN3_Phase12.0*
UCM Stream:	*FLASH_MPT_GEN3_Phase12.0_Rel*
Release Type:	*Alpha*
State:	*Superseded*
Release Baseline:	*FLASH_MPT_GEN3_Phase12.0_Rel_2015-12-29.4493@ \SAS2*
Release Date:	*05-JAN-16*
Date Generated:	*Apr 15, 2016*

Enhancements Implemented (1):

ID: SCGCQ00997396
Headline: make sas3flash NVData version display during firmware update reflect both major and minor NVData versions
Description Of Change: Changed 'NVDATA Version 07.01.00.00' to 'NVDATA Major Version 07.01' in scroll message and at the end of a successful flash operation added a new line 'NVDATA Version 07.01.00.09'.

ReleaseOrder ID:	*SCGCQ00996559* Open In CQWeb
Headline:	*Pre-Alpha Release: FLASH_MPT_GEN3_Phase12.0 - 12.*
Release Version:	*12.250.01.00*
UCM Project:	*FLASH_MPT_GEN3_Phase12.0*
UCM Stream:	*FLASH_MPT_GEN3_Phase12.0_Rel*
Release Type:	*Pre-Alpha*
State:	*Superseded*
Release Baseline:	*FLASH_MPT_GEN3_Phase12.0-2015-12-17-12.250.01.00_REL_1450352221@ \SAS2*
Release Date:	*18-DEC-15*