



SCS Engineering Release Notice

Phase15 GCA Release Version 15.00.00.00 - SAS2FLASH_Phase15.0 (SCGCQ00353953)

(SCGCQ00353953) - Phase15 GCA Release Version 15.00.00.00 - SAS2FLASH_Phase15.0

(SCGCQ00344348) - Phase15 Beta Release Version 14.250.04.00 - SAS2FLASH_Phase15.0

(SCGCQ00337051) - Phase15 Alpha Release Version 14.250.03.00 - SAS2FLASH_Phase15.0

(SCGCQ00329290) - Phase15 Alpha Release Version 14.250.02.00 - SAS2FLASH_Phase15.0

(SCGCQ00320366) - Phase15 Alpha Release Version 14.250.01.00 - SAS2FLASH_Phase15.0



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Phase15 GCA Release Version 15.00.00.00 - SAS2FLASH_Phase15.0 (SCGCQ00353953)

Defects=0, Enhancements=0 (Version Change Only)



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Phase15 Beta Release Version 14.250.04.00 - SAS2FLASH_Phase15.0 (SCGCQ00344348)

Defects=0, Enhancements=0 (Version Change Only)



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Phase15 Alpha Release Version 14.250.03.00 - SAS2FLASH_Phase15.0 (SCGCQ00337051)

Change Summary (Defects=3)

SCGCQ00333530 (DFCT) - SAS2Flash: In DOS, Help [-o -h] command causes unrecoverable exception and system hang.

SCGCQ00333592 (DFCT) - SAS2Flash: Help command displays additional characters like (null) and SAS2308_3 (A0).

SCGCQ00333652 (DFCT) - SAS2flash: In EFI, indentation of the text in help is incorrect.



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Phase15 Alpha Release Version 14.250.03.00 - SAS2FLASH_Phase15.0 (SCGCQ00337051)

Total Defects Resolved (3)

(SCGCQ00333530) Defect 1/3

HEADLINE: SAS2Flash: In DOS, Help [-o -h] command causes unrecoverable exception and system hang.
DESC OF CHANGE: Reformatted and added a missing comma in the help array string, when help was used in advanced mode. The addition of the comma caused the interpretation of the help string correctly and thereby resolved the system hang.
TO REPRODUCE: 1. Connect a Mustang D1. Boot into DOS.
2. Issue the help command as follows:

sas2flsh -o -h
ISSUE DESC: On issuing the help [-o -h], an exception 0D with error code 016C is hit and the system hangs. Unable to reboot the system using CTRL+ALT+DEL. Only a power cycle brings up the system.

(SCGCQ00333592) Defect 2/3

HEADLINE: SAS2Flash: Help command displays additional characters like (null) and SAS2308_3 (A0).
DESC OF CHANGE: This defect has been fixed indirectly due to the changes done for CQ#333530. In CQ#333530, Reformatting and addition of the missing comma in help array string resulted in right interpretation of the help string text and thereby displaying the help text correctly.
TO REPRODUCE: Connect a controller and Issue the help command as follows:

sas2flash -o -h
ISSUE DESC: On issuing the help command [-o -h] in EFI, there are additional characters 'SAS2308_3(A0)' near the '-scanchar x' command.
In Windows and Linux OS, there are additional characters '(null)' near the '-scanchar x' command.

(SCGCQ00333652) Defect 3/3

HEADLINE: SAS2flash: In EFI, indentation of the text in help is incorrect.
DESC OF CHANGE: This defect has been fixed indirectly due to the changes done for CQ#333530. In CQ#333530, Reformatting and addition of the missing comma in help array string resulted in right interpretation of the help string text and thereby displaying the help text correctly.
TO REPRODUCE: Connect a controller and boot into the EFI shell.
Issue the help command:

sas2flash -o -h
ISSUE DESC: On issuing the help [-o -h] command, the last command devicename's line indent is incorrect.



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Phase15 Alpha Release Version 14.250.02.00 - SAS2FLASH_Phase15.0 (SCGCQ00329290)

Change Summary (Defects=1)

SCGCQ00329152 (DFCT) - Ph15 SAS2FLASH: The Version of the SAS2FLASH shown incorrect



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Phase15 Alpha Release Version 14.250.02.00 - SAS2FLASH_Phase15.0 (SCGCQ00329290)

Total Defects Resolved (1)

(SCGCQ00329152)		Defect 1/1
HEADLINE:	Ph15 SAS2FLASH: The Version of the SAS2FLASH shown incorrect	
DESC OF CHANGE:	Corrected the Alpha build version.	
TO REPRODUCE:	Step1: Boot into EFI shell and Execute the sas2flash utility for efi.	
ISSUE DESC:	The sas2flash version shown incorrect as 15.250.01.00 in all platforms	



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Phase15 Alpha Release Version 14.250.01.00 - SAS2FLASH_Phase15.0 (SCGCQ00320366)

Change Summary (Defects=1 Enhancements=4)

SCGCQ00311962 (DFCT) - SAS2Flash: Correcting GEN2 Flags to work with latest MPTLIB2

SCGCQ00305352 (ENHREQ) - UEFI Applications: Use EBC compiler version 1.3

SCGCQ00284864 (CSET) - Add HBA ID check to sas2flash

SCGCQ00304308 (CSET) - Requesting SAS2FLASH to be able to programming DeviceName along with programming SAS Address

SCGCQ00305363 (CSET) - SAS2FLASH: Add Tbolt/Mustang E0 chip recognition support



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Phase15 Alpha Release Version 14.250.01.00 - SAS2FLASH_Phase15.0 (SCGCQ00320366)

Total Defects Resolved (1)

(SCGCQ00311962)	Defect 1/1
HEADLINE:	SAS2Flash: Correcting GEN2 Flags to work with latest MPTLIB2
DESC OF CHANGE:	Added GEN 2 specific flags in Windows and EFI controller discovery to enable only GEN 2 controller discovery.
TO REPRODUCE:	Try to execute SAS2Flash on Windows with GEN2 controller it would not detect the controller.
ISSUE DESC:	Recently MPTLIB2 added a support to distinguish discovery between GEN 3 and GEN2 based controllers. This change needed an explicit flag to be set to enable discovery of respective controllers.
	This would require change in SAS2Flash to set the controller flag for GEN 2 to enable only GEN 2 controller discovery.



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Phase15 Alpha Release Version 14.250.01.00 - SAS2FLASH_Phase15.0 (SCGCQ00320366)

Total Enhancements Implemented (4)

(SCGCQ00305352) *Enhancement 1/4*

HEADLINE: UEFI Applications: Use EBC compiler version 1.3
NEW FUNCTIONALITY: Changed EFI build scripts to point to new EBC 1.3 compiler.

(SCGCQ00284864 - Port of SCGCQ00265903) *Enhancement 2/4*

HEADLINE: Add HBA ID check to sas2flash
NEW FUNCTIONALITY: Added code to check Subsystem Product ID [SSID] with controllers Subsystem ID for SAS2 Controllers.

(SCGCQ00304308 - Port of SCGCQ00277670) *Enhancement 3/4*

HEADLINE: Requesting SAS2FLASH to be able to programming DeviceName along with programming SAS Address
NEW FUNCTIONALITY: Added a new command -devicename to be used in conjunction with sasadd and sasaddhi commands.

If user specifies -devicename option on the same command line along with sasadd or sasaddhi command, the behavior of sasadd and sasaddhi command will change and it would program device name for each PHY along with SAS Address at the same time.

(SCGCQ00305363 - Port of SCGCQ00283598) *Enhancement 4/4*

HEADLINE: SAS2FLASH: Add Tbolt/Mustang E0 chip recognition support
NEW FUNCTIONALITY: Added T-bolt/Mustang E0 recognition to SAS2Flash.