



SCS Engineering Release Notice

Phase8 GCA Release Version 9.00.00.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00821038)

*(SCGCQ00821038) - Phase8 GCA Release Version 9.00.00.00 -
UEFIBSDHII MPT GEN3 Phase8.0*

*(SCGCQ00807545) - Phase8 Alpha Release Version 8.255.03.00 -
UEFIBSDHII MPT GEN3 Phase8.0*

*(SCGCQ00804235) - Phase8 Pre-Alpha Release Version 8.255.02.00 -
UEFIBSDHII MPT GEN3 Phase8.0*



SCS Engineering Release Notice

Phase8 GCA Release Version 9.00.00.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00821038)

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



SCS Engineering Release Notice

Phase8 Alpha Release Version 8.255.03.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00807545)

Change Summary (Defects=1)

SCGCQ00804301 (DFCT) - The string "WriteCache" should be changed to "Write-Cache" in Virtual Disk Properties Form



SCS Engineering Release Notice

Phase8 Alpha Release Version 8.255.03.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00807545)

Total Defects Resolved (1)

(SCGCQ00804301)		Defect 1/1
HEADLINE:	The string "WriteCache" should be changed to "Write-Cache" in Virtual Disk Properties Form	
DESC OF CHANGE:	The string WriteCache is changed to Write-Cache in the language file.	
TO REPRODUCE:	Flash the latest UEFI BSD in an IR controller, attach few disks and create a volume. Navigate to Virtual Disk Properties form and check the Virtual Disk Policy text.	
ISSUE DESC:	In Virtual Disk Properties form, Virtual Disk Policy is displayed as "WriteCache" enabled which needs to be modified to "Write-Cache" Enabled. The string definition in the language file is changed to fix this defect.	



SCS Engineering Release Notice

Phase8 Pre-Alpha Release Version 8.255.02.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00804235)

Change Summary (Defects=1)

SCGCQ00802762 (DFCT) - Wrong controller is managed by the UEFI BSD.



SCS Engineering Release Notice

Phase8 Pre-Alpha Release Version 8.255.02.00 - UEFIBSDHII_MPT_GEN3_Phase8.0 (SCGCQ00804235)

Total Defects Resolved (1)

(SCGCQ00802762)		Defect 1/1
HEADLINE:	Wrong controller is managed by the UEFI BSD.	
DESC OF CHANGE:	<p>Based on the loaded image's device path the UEFI BSD decides whether it is loaded from a shell or from the Flash part the controller. If the loaded image device path type is media and device path subtype is file then the BSD decides it is loaded from shell. When the BSD decides it is loaded from the shell it will manage the first controller dispatched to it otherwise it will manage the controller from which it got loaded.</p> <p>The BSD needs to compare the device path subtype against MEDIA_FILEPATH_DP(0x4) and if the subtype matches then the BSD should assume it is loaded from the shell. There was an implementation error in the check and instead of the device path subtype, the device path type is compared against MEDIA_FILEPATH. The device path is set to MEDIA_DEVICE_PATH (0x4) for both the cases of driver loading from shell and from flash part. Hence the check always results in success and the BSD always decides it got loaded from shell even when it is actually loaded from flash and manages the first controller dispatched to it.</p> <p>The check for finding the loaded image path is corrected and now the check validates both device path type (for MEDIA_DEVICE_PATH) and device path subtype (for MEDIA_FILEPATH_DP) to decide whether the BSD is loaded from shell or not.</p>	
TO REPRODUCE:	<ol style="list-style-type: none">1. Connect two controllers, one internal port and one external port controller with external to be enumerated first2. Erase the pre-boot region on both and flash the UEFI BSD only in internal controller3. Reboot and observe the external is shown in HII instead of internal <p>(If internal is shown in HII, try swapping the PCIe slots, even after that the internal is shown in HII the system doesn't cause the failure and need to be tried in a different system)</p>	
ISSUE DESC:	<p>In certain systems, if two controllers are present and out of the two if only one is flashed with UEFI BSD and if they are connected in such a way that the controller without UEFI BSD flashed in it is enumerated first by system BIOS then that controller is managed by UEFI BSD instead of the one with the UEFI BSD flashed in it.</p>	