

ReleaseOrder ID: DCSG00945569
Headline: GCA Release: IT_UEFI_Drv_Ph19 - 19.00.00.00 (Signed) UEFI BSD
Release Version: 19.00.00.00
UCM Project: IT_UEFI_Drv
Sub UCM Project: IT_UEFI_Drv_Ph19
UCM Stream: IT_UEFI_Drv_Ph19_Rel
Release Type: GCA
State: Released
Release Baseline: IT_UEFI_Drv_Ph19-2021-04-09-19.00.00.00_REL_1617965125@\\SAS35
Release Date: 2021-04-09 10:44:48.000000
Date Generated: Apr 23, 2021

Release History

- [DCSG00945569 - GCA Release: IT_UEFI_Drv_Ph19 - 19.00.00.00 \(Signed\) UEFI BSD](#)
- [DCSG00941039 - Beta Release: IT_UEFI_Drv_Ph19 - 18.255.05.00 UEFI BSD](#)
- [DCSG00934198 - Beta Release: IT_UEFI_Drv_Ph19 - 18.255.04.00 UEFI BSD](#)
- [DCSG00913961 - Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.03.00 UEFI BSD](#)
- [DCSG00837451 - Pre-Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.02.00 UEFI BSD](#)
- [DCSG00813461 - Pre-Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.01.00 UEFI BSD](#)

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UCM Stream: IT_UEFI_Drv_Ph19_Rel
Release Type: GCA
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Release Baseline: IT_UEFI_Drv_Ph19-2021-04-09-19.00.00.00_REL_1617965125@\\SAS35
Release Date: 2021-04-09 10:44:48.000000
Date Generated: Apr 23, 2021

ReleaseOrder ID: DCSG00941039 [Open In CQWeb](#)
Headline: Beta Release: IT_UEFI_Drv_Ph19 - 18.255.05.00 UEFI BSD
Release Version: 18.255.05.00
UCM Project: IT_UEFI_Drv
Sub UCM Project: IT_UEFI_Drv_Ph19
UCM Stream: IT_UEFI_Drv_Ph19_Rel
Release Type: Beta
State: Released
Release Baseline: IT_UEFI_Drv_Ph19-2021-04-05-18.255.05.00_REL_1617684147@\\SAS35
Release Date: 2021-04-06 04:41:13.000000
Date Generated: Apr 23, 2021

Defects Fixed (1):

ID: DCSG00937188
Headline: The SSU timeout value specified in HBA's configuration settings is ignored.
Description Of Change: The BSD is reading HBA's configuration data using end point device's handle. This always results in Invalid Handle. Thus SSU timeout value is ignored. Using HBA's handle correctly reads the configuration data.
Issue Description: SSU Timeout value specified in configuration is ignored by BSD. BSD always uses default timeout value which is 30 seconds.
Steps To Reproduce: - Connect some end point devices which need device spin up command (SSU) during HBA initialization.
- Set 45 seconds as SSU timeout seconds in configuration data.
- Check that BSD actually waits for 45 seconds for SSU command.
- BSD is always timing out at 30 seconds for SSU command.

ReleaseOrder ID: DCSG00934198 [Open In CQWeb](#)
Headline: Beta Release: IT_UEFI_Drv_Ph19 - 18.255.04.00 UEFI BSD
Release Version: 18.255.04.00
UCM Project: IT_UEFI_Drv
Sub UCM Project: IT_UEFI_Drv_Ph19
UCM Stream: IT_UEFI_Drv_Ph19_Rel
Release Type: Beta
State: Released
Release Baseline: IT_UEFI_Drv_Ph19-2021-03-24-18.255.04.00_REL_1616650868@\\SAS35
Release Date: 2021-03-25 05:40:23.000000
Date Generated: Apr 23, 2021

Defects Fixed (1):

ID: DCSG00931708 (Port Of Defect DCSG00928533)
Headline: All devices are shown in BSD where as only unlocked devices were supposed to.
Description Of Change: The BSD and HII is made to send SEC IN command to check the status of device irrespective of owner. The owner is used only for timeout expiry loop. Thus BSD and HII can now check the status of device always.
Issue Description: All devices are shown in BSD where as only unlocked devices were supposed to. When SEKM is enabled, the BSD must drop the locked devices and add only unlocked devices. But BSD is actually showing all devices.
Steps To Reproduce: - Flash FW with SEKM capable bit set.
- Connect 4 SED drives that can be locked or unlocked.
- Lock 2 of the device and unlock remaining 2 devices.
- Boot the system to EFI Shell.
- Run dh -d <driver hdl>.
- The BSD is showing all 4 devices. Where as only unlocked devices (2 in this case) should be shown.

Enhancements Implemented (2):

ID: DCSG00931090 (Port Of EnhancementRequest DCSG00927789)
Headline: Make all drives as Locked and add to BSD only if they are unlocked if SEKM is enabled.
Description Of Change: Make all drives as Locked and add to BSD only if they are unlocked if SEKM is enabled.

Headline: For report LUN command, Increase retry count from 3 to 5 and add SCSI status BUSY into retry loop.
Description Of Change: For report LUN command, Increase retry count from 3 to 5 and add SCSI status BUSY into retry loop. This allows slower devices which return SCSI status as BUSY get another attempt to report LUN data.

ReleaseOrder ID: *DCSG00913961* [Open In CQWeb](#)
Headline: *Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.03.00 UEFI BSD*
Release Version: *18.255.03.00*
UCM Project: *IT_UEFI_Drv*
Sub UCM Project: *IT_UEFI_Drv_Ph19*
UCM Stream: *IT_UEFI_Drv_Ph19_Rel*
Release Type: *Alpha*
State: *Released*
Release Baseline: *IT_UEFI_Drv_Ph19-2021-02-18-18.255.03.00_REL_1613716282@
\\SAS35*
Release Date: *2021-02-19 06:30:49.000000*
Date Generated: *Apr 23, 2021*

Enhancements Implemented (1):

ID: DCSG00904091
Headline: Coverity defect fixes.
Description Of Change: Coverity check. Some issues are fixed and remaining will be covered in next phase.

ReleaseOrder ID: *DCSG00837451* [Open In CQWeb](#)
Headline: *Pre-Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.02.00 UEFI BSD*
Release Version: *18.255.02.00*
UCM Project: *IT_UEFI_Drv*
Sub UCM Project: *IT_UEFI_Drv_Ph19*
UCM Stream: *IT_UEFI_Drv_Ph19_Rel*
Release Type: *Pre-Alpha*
State: *Released*
Release Baseline: *IT_UEFI_Drv_Ph19-2021-02-05-18.255.02.00_REL_1612516987@
\\SAS35*
Release Date: *2021-02-05 09:22:42.000000*
Date Generated: *Apr 23, 2021*

Defects Fixed (2):

ID: DCSG00807477
Headline: Internal code review changes.
Description Of Change: Internal code review changes.
Issue Description: Internal code review changes.
Steps To Reproduce: Internal code review changes.

ID: DCSG00832742 (Port Of Defect DCSG00832286)
Headline: Array index in Security In command data parsing need adjustment
Description Of Change: Array index in Security In command data parsing need adjustment. The array index is made to reach till last byte.
Issue Description: Array index in Security In command data parsing need adjustment. With current index there is possibility that a last descriptor may not be processed if its size is 4 bytes.
Steps To Reproduce: Array index in Security In command data parsing need adjustment. With current index there is possibility that a last descriptor may not be processed if its size is 4 bytes.

Enhancements Implemented (1):

ID: DCSG00775218 (Port Of EnhancementRequest DCSG00549527)
Headline: Prevent the FW downgrade if security is enabled on the controller and the incoming FW is not security capable
Description Of Change: Additional check is added in Aero FW validation. The new check prevents FW download attempt if new image does not have SEKM feature but current running FW has. If current FW does not have SEKM feature capable, then FW download is allowed. All existing validations remains same.

ReleaseOrder ID: *DCSG00813461* [Open In CQWeb](#)
Headline: *Pre-Alpha Release: IT_UEFI_Drv_Ph19 - 18.255.01.00 UEFI BSD*
Release Version: *18.255.01.00*
UCM Project: *IT_UEFI_Drv*
Sub UCM Project: *IT_UEFI_Drv_Ph19*
UCM Stream: *IT_UEFI_Drv_Ph19_Rel*
Release Type: *Pre-Alpha*
State: *Released*
Release Baseline: *IT_UEFI_Drv_Ph19-2021-01-21-18.255.01.00_REL_1611221924@
\\SAS35*
Release Date: *2021-01-21 09:38:13.000000*
Date Generated: *Apr 23, 2021*

Enhancements Implemented (1):

ID: DCSG00433134
Headline: Drive security status display in HII and exclusion of locked drives in BSD
Description Of Change: Drive security status display in HII and exclusion of locked drives in BSD. The locked drives will be provided extra seconds specified by OEM BMC to get unlocked. If they are unlocked, then those drives are added in BSD for system boot selection otherwise they are dropped. HII will show both locked and unlocked drives in device properties. The state of locked/unlocked is shown is shown only if SEKM feature is enabled in FW for SAS/SATA devices.