ReleaseOrder ID: DCSG01580688
Headline: MR8.7 GIT UEFI BSD version 0x08070600 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33 (Signed)
Release Version: 0x08070600
UCM Project: UEFI_BSD_GIT
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: GCA
State: Released
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-GCA-0x08070600-2023-10-11-18-47-31
Release Date: 2023-10-11 13:11:54.000000
Date Generated: Nov 06, 2023

GCA Release Advisory

- **Release Advisory From ReleaseOrder DCSG01580688 (MR8.7 GIT UEFI BSD version 0x08070600 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33 (Signed)):**

Release History

- DCSG01557735 - MR8.7 GIT UEFI BSD version 0x08070600 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
- DCSG01545191 - MR8.7 GIT UEFI BSD version 0x08070500 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
- DCSG01540679 - MR8.7 GIT UEFI BSD version 0x08070400 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
- DCSG01535532 - MR8.7 GIT UEFI BSD version 0x08070300 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v32
- DCSG01521962 - MR8.7 GIT UEFI BSD version 0x08070200 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v31
- DCSG01507155 - MR8.7 GIT UEFI BSD version 0x08070100 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v31
- DCSG01490620 - MR8.7 GIT UEFI BSD version 0x08070000 (AARCH64/x64) - follows MR8 API 5.54, MPI3 Rev 29, SL v30

ReleaseOrder ID: DCSG01557735 __Open In CQWeb__
Headline: MR8.7 GIT UEFI BSD version 0x08070600 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
Release Version: 0x08070600
UCM Project: UEFI_BSD_GIT
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Beta-0x08070600-2023-09-06-02-07-45
Release Date: 2023-09-05 20:20:32.000000
Date Generated: Nov 06, 2023

ReleaseOrder ID: DCSG01545191 __Open In CQWeb__
Headline: MR8.7 GIT UEFI BSD version 0x08070500 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
Release Version: 0x08070500
UCM Project: UEFI_BSD_GIT
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Alpha-0x08070500-2023-08-11-21-42-11
Release Date: 2023-08-11 16:04:55.000000
Date Generated: Nov 06, 2023

ReleaseOrder ID: DCSG01540679 __Open In CQWeb__
Headline: MR8.7 GIT UEFI BSD version 0x08070400 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v33
Release Version: 0x08070400
UCM Project: UEFI_BSD_GIT
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: Alpha
State: Released
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Alpha-0x08070400-2023-08-04-03-55-15
Release Date: 2023-08-03 22:17:31.000000
Date Generated: Nov 06, 2023

ReleaseOrder ID: DCSG01535532 __Open In CQWeb__
Headline: MR8.7 GIT UEFI BSD version 0x08070300 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v32
Release Version: 0x08070300
UCM Project: UEFI_BSD_GIT
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: Alpha
State: Released
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Alpha-0x08070300-2023-07-25-23-39-28
Release Date: 2023-07-25 18:02:10.000000
Date Generated: Nov 06, 2023

Enhancements Implemented (2):

ID: DCSG01523442
Headline: When Firmware is fault and fault code is 0xF003 or 0XF005 BSD to perform cold reset instead of warm reset
Description Of Change: Today BSD asks system BIOS to perform warm reset when adapter state is fault and fault code is 0xF003 or 0xF005. Using this activity replaced warm reset with cold reset.

ID: DCSG01529333

Headline: BSD: Improve handling Firmware package up or downgrade via offline activation

Description Of Change: BSD provides Driver information to SL8 before calling Initialize SL8. SL8 uses this info to compare the loaded BSD version with the image present in flash. When BSD version mismatch is detected, SL8 will return adapter state as fault and fault code as 0xFD01 (note: this fault code is used between BSD and SL8; this is not defined in MPI3).

When BSD sees adapter state as fault and fault code as 0xFD01, BSD would display "Broadcom storage controller at Bus Dev has detected flash component mismatch. System will reboot in 5 seconds." and stalls the system for 5 seconds and asks system bios to perform EfiResetWarm.

When adapter state is ready, BSD also reads flash header and checks for mismatch (if there is a window where firmware completing activation after SL8 returned success for Initialize SL8); if mismatch is detected it displays the above specified message and asks for warm reboot.

ReleaseOrder ID: DCSG01521962
Headline: **MR8.7 GIT UEFI BSD version 0x08070200 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v31**
Release Version: 0x08070200
UCM Project: **UEFI_BSD_GIT**
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: **Pre-Alpha-2**
State: **Released**
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Pre-Alpha-2-0x08070200-2023-07-05-23-02-30
Release Date: **2023-07-05 12:28:07.000000**
Date Generated: **Nov 06, 2023**

ReleaseOrder ID: DCSG01507155
Headline: **MR8.7 GIT UEFI BSD version 0x08070100 (AARCH64/x64) - follows MR8 API 5.56, MPI3 Rev 30, SL v31**
Release Version: 0x08070100
UCM Project: **UEFI_BSD_GIT**
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: **Pre-Alpha-2**
State: **Released**
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Pre-Alpha-2-0x08070100-2023-06-08-21-16-13
Release Date: **2023-06-08 15:43:48.000000**
Date Generated: **Nov 06, 2023**

ReleaseOrder ID: DCSG01490620
Headline: **MR8.7 GIT UEFI BSD version 0x08070000 (AARCH64/x64) - follows MR8 API 5.54, MPI3 Rev 29, SL v30**
Release Version: 0x08070000
UCM Project: **UEFI_BSD_GIT**
Sub UCM Project: UEFI_BSD_GEN4_MR8.7_GIT
UCM Stream:
Release Type: **Pre-Alpha-1**
State: **Released**
Release Baseline: Rel-UEFI_BSD_GEN4_MR8.7_GIT-Pre-Alpha-1-0x08070000-2023-05-12-19-56-24
Release Date: **2023-05-12 14:21:52.000000**
Date Generated: **Nov 06, 2023**