

ReleaseOrder ID:

SCGCQ01336636

Headline:

GCA: SAS3 IT/IR UEFI Boot Services Driver and HII

Release Version:

17.00.00.00

UCM Project:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0

UCM Stream:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel

Release Type:

GCA

State:

Deployed

Release Baseline:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel\_2017-05-02@  
\\SAS2

Release Date:

02-JUN-17

Date Generated:

Jul 17, 2017

## Release History

- SCGCQ01315292 - Alpha Release: SAS3 IT/IR UEFI Boot Services Driv
- SCGCQ01305435 - Alpha Release: SAS3 IT/IR UEFI Boot Services Driv
- SCGCQ01288027 - Pre Alpha Release: SAS3 IT/IR UEFI Boot Services

ReleaseOrder ID:

SCGCQ01315292 [Open In CQWeb](#)

Headline:

Alpha Release: SAS3 IT/IR UEFI Boot Services Driv

Release Version:

16.255.03.00

UCM Project:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0

UCM Stream:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel

Release Type:

Alpha

State:

In\_Review

Release Baseline:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel\_2017-04-04@  
\\SAS2

Release Date:

10-APR-17

Date Generated:

Jul 17, 2017

### Defects Fixed (1):

ID:

SCGCQ01305319

Headline:

The return status of HiiGetBrowserData should be treated as TRUE/FALSE

Description Of Change:

The return status of HiiGetBrowserData function is treated as boolean TRUE/FALSE.

Issue Description:

The return status of HiiGetBrowserData should be treated as TRUE/FALSE. However it is being treated as EFI\_STATUS which would result in undesired results.

Steps To Reproduce:

NA

### Enhancements Implemented (1):

ID:

SCGCQ01219685

Headline:

BSD for large number of device addition.

Description Of Change:

Make sure BSD scans and adds all the attached devices. If any device could not be added due to internal errors such as getting device details, any command failure such as TUR failure, skip only that device and add remaining devices. Stop adding devices when critical errors such as memory allocation failures.

ReleaseOrder ID:

SCGCQ01305435 [Open In CQWeb](#)

Headline:

Alpha Release: SAS3 IT/IR UEFI Boot Services Driv

Release Version:

16.255.02.00

UCM Project:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0

UCM Stream:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel

Release Type:

Alpha

State:

In\_Review

Release Baseline:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel\_2017-03-22@  
\\SAS2

Release Date:

28-MAR-17

Date Generated:

Jul 17, 2017

### Enhancements Implemented (2):

ID:

SCGCQ01198342

Headline:

Add dual notation disk representation.

Description Of Change:

The device identifier in UEFI HII is changed to dual notation scheme if a valid chassis slot is found. This scheme consists of Chassis number and slot number of disk. If valid chassis number is not found, then old method in which device identifier is formed in triplet format consisting of Connector Name, Enclosure Index and Slot number is used. The disks are sorted in such a way that all disks with valid chassis number (dual notation scheme) are displayed in ascending order followed by disks without valid chassis number (triplet format scheme) in ascending order.

ID:

SCGCQ01198347

Headline:

Represent multipath devices in a single path.

Description Of Change:

The devices in Multipath will be shown as one consolidated path. In "View Physical Disk Properties" page, the multi-path devices are indicated with "M" ("M" is appended to the "Physical Disk ID). Multipath status is decided based on Enclosure's logical ID, Device's slot number, and SAS Address. A device is considered to be in multipath if its enclosure logical ID and slot number is same and SAS address is different.

ReleaseOrder ID:

SCGCQ01288027 [Open In CQWeb](#)

Headline:

Pre Alpha Release: SAS3 IT/IR UEFI Boot Services

Release Version:

16.255.01.00

UCM Project:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0

UCM Stream:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel

Release Type:

Pre-Alpha

State:

In\_Review

Release Baseline:

UEFIBSDHII\_MPT\_GEN3\_Phase15.0\_Rel\_2017-03-01@  
\\SAS2

Release Date:

03-APR-17

Date Generated:

Jul 17, 2017

Defects Fixed (1):

ID: SCGCQ01273231 (Port Of Defect SCGCQ01272407)

Headline: Remove default values of checkbox, oneof and numeric primitives in vfr file.

Description Of Change: The default values of primitives (mainly checkbox, oneof and numeric) are removed.

Issue Description: Some servers have a default button. When this button is pressed some of the controller properties goes blank and other attributes may appear temporarily. The cause is identified to be in VFR primitives (mainly checkbox, oneof and numeric) having default values.

Steps To Reproduce: N/A

Enhancements Implemented (1):

ID: SCGCQ01267261

Headline: Add support for setting preferred legacy boot device from HII.

Description Of Change: A new HII primitive is added in "Physical Disk Operations" and "Virtual Disk Operations" screen. The primitive name is "Legacy OpROM Boot Device". Upon entry this primitive displays the current boot setting of the disk or volume. User can change this setting and save using new tab "Apply Changes". If changes were made, BIOS Page 2 MPT configuration page will be updated with new setting and on next boot the Legacy OpROM will place the device at the top of the int-13 chain.

- Note: "Legacy OpROM Boot Device" will be suppressed and "Apply Changes" will be grayed out in following cases.
1. If legacy bios is not flashed on controller.
  2. Disk is part of any volume.
  3. Volume is Failed and not a boot device.
  4. If volume is failed and set as boot device, Legacy OpROM Boot Device will be grayed out instead of hiding it.