

ReleaseOrder ID: DCSG02020677

Headline: MR8.16 GIT HII ver 08.16.07.00 for X64 and AARCH64 - Signed

Release Version: 08.16.07.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: GCA

State: Released

Release Baseline: Rel-UEFI_HII_GEN4_MR8.16_GIT-GCA-08.16.07.00-2026-01-06-22-13-29

Release Date: 2026-01-23 10:58:31.000000

Date Generated: Feb 05, 2026

GCA Release Advisory

- Release Advisory From ReleaseOrder DCSG02020677 (MR8.16 GIT HII ver 08.16.07.00 for X64 and AARCH64 - Signed):

Release History

- [DCSG02007943 - MR8.16 GIT HII ver 08.16.07.00 for X64 and AARCH64](#)
- [DCSG01994709 - MR8.16 GIT HII ver 08.16.06.00 for X64 and AARCH64](#)
- [DCSG01989685 - MR8.16 GIT HII ver 08.16.05.00 for X64 and AARCH64](#)
- [DCSG01976910 - MR8.16 GIT HII ver 08.16.04.00 for X64 and AARCH64](#)
- [DCSG01972505 - MR8.16 GIT HII ver 08.16.03.00 for X64 and AARCH64](#)
- [DCSG01964654 - MR8.16 GIT HII ver 08.16.02.00 for X64 and AARCH64](#)
- [DCSG01957391 - MR8.16 GIT HII ver 08.16.01.00 for X64 and AARCH64](#)

ReleaseOrder ID: DCSG02007943 [Open In CQWeb](#)

Headline: MR8.16 GIT HII ver 08.16.07.00 for X64 and AARCH64

Release Version: 08.16.07.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: ReleaseCandidate

State: Released

Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.07.00-2025.11.25.11.54.47

Release Date: 2025-11-25 11:54:34.000000

Date Generated: Feb 05, 2026

Defects Fixed (1):

ID: DCSG02004430

Headline: Selecting "Supervisor or WRR" as an option for the "Auto-Assign Policy Execute Once" results in a critical error message.

Description Of Change: Modify the HII to check whether the controller supports a Virtual Drive or not prior to issuing Virtual Drive related query commands.

Issue Description: Selecting "Supervisor or WRR" as an option for the "Auto-Assign Policy Execute Once" results in a critical error message.

Steps To Reproduce: 1. Flash the latest firmware on 9700w-32i card
2. Boot to HII, Go to Main menu>Controller Management>Advanced controller management>Manage Auto-Assign policy
3. Select Auto-Assign Policy Execute onceSelect any option either Supervisor/WRR
4. Observed Critical error message (Refer screenshot)

ReleaseOrder ID: DCSG01994709 [Open In CQWeb](#)

Headline: MR8.16 GIT HII ver 08.16.06.00 for X64 and AARCH64

Release Version: 08.16.06.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: Alpha

State: Released

Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.06.00-2025.10.24.06.42.17

Release Date: 2025-10-24 06:41:53.000000

Date Generated: Feb 05, 2026

Defects Fixed (1):

ID: DCSG01993023

Headline: Failure to Expand Virtual Drive in HI

Description Of Change: Root cause: The HII logic to validate the number of drives that can be added to the existing virtual drive is problematic. The HII calculates the number of physical drives that can be added to a virtual drive properly. However, it assumes the calculated value as the maximum number of drives that are allowed for the specific virtual drive. The HII includes the existing drive count to the user selected drive count and validates it against the calculated value. That leads to failure of expansion even though the virtual drive can be expanded with additional drives.

Fix: Modified the validation logic to check the user selected additional drive count directly against the HII calculated allowed drive count. The new logic excludes the number of physical drives that were already present in the virtual drive.

Issue Description: If an user attempt to expand a 16-drive RAID-6 virtual drive by adding one or more drives in HII the operation fails with the following error:
"Maximum supported physical disk count for the configuration is exceeded. Go back and remove one or more physical disks."

Steps To Reproduce: 1. Boot to HII
2. Create a 16-drive RAID-6 virtual drive
3. Navigate to virtual drive expansion menu and try to expand the RAID-6 virtual drive by adding one or more new physical drives to it.
Observe the error "Maximum supported physical disk count for the configuration is exceeded. Go back and remove one or more physical disks."

ReleaseOrder ID: DCSG01989685 [Open In CQWeb](#)

Headline: MR8.16 GIT HII ver 08.16.05.00 for X64 and AARCH64

Release Version: 08.16.05.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: Alpha

State: Released

Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.05.00-2025.10.16.06.40.24

Release Date: 2025-10-16 06:40:13.000000

Date Generated: Feb 05, 2026

Defects Fixed (4):

ID: DCSG01977373

Headline: UEFI HII: Invalid arguments error is seen while updating Rebuild Operating Mode Priority in HII

Description Of Change: After every successful apply changes operation, the task rates page is refreshed using its prepare function. This will make sure the latest values for each of the fields in the page are updated from firmware. Without this refresh, the browser will hold the last successful data whereas firmware will have different data (for the field rebuildRate). As per firmware bits this field is non modifiable. Therefore HII must either skip this field or use the same value as per firmware updated data while doing apply changes operation.

Issue Description: - When a user attempts to update the Rebuild Operating Mode Priority under task rates screen, the operation is successful only the first time. All subsequent attempts will fail with invalid arguments.
- Users can go back to Advanced Controller Properties and come back to the task rates screen and update again. But the expectation is that users must be able to update without going back screens.

Steps To Reproduce: - Flash the latest package on OEM boards
- Boot to HII->Advanced Controller Properties -> Task rates
- Keep updating Rebuild Operating Mode Priority repeatedly.
- After the first attempt the apply changes operation starts failing.

ID: DCSG01978896

Headline: UEFI HII: Converting non raid Physical Disk to RAID capable fails

Description Of Change: Any Physical Disk that is being converted into RAID Capable is checked for OS/FS on the disk. If it is detected or not able to detect then a warning message is shown to the user. Upon acknowledgement from the user the Convert to RAID Capable operation is performed. While proceeding with operation, the HII used a wrong QID that resulted in using the wrong Physical Disk state sent to firmware. The correct QID to be used is QI_HF023_MAKE_UNCONFIGURED_YES. But it wrongly used QI_HF023_MAKE_BAD_YES

Issue Description: Converting non raid Physical Disk to raid capable fails with unsupported message.

Steps To Reproduce: - Download the latest HII under test on an OEM specific eHBA.
- Connect some non Raid devices.
- Attempt to convert a device to RAID capable from the Physical Disk operation menu.
- Same operation from the Configure option from the dashboard works fine.

ID: DCSG01986628

Headline: Controller Status shows need attention when controller is in healthy state

Description Of Change: -- Display Need attention only when predictive failure check count is greater than zero.

Issue Description: The controller shows needs attention, even when the predictive failure is set as 0 but if smart polling is supported by the firmware. That needs to be modified to display need attention only when the PF is non zero

Steps To Reproduce: Verify controller status in HII when the predictive failure check count is greater than Zero.

ID: DCSG01989060

Headline: UEFI HII: The controller status will be shown as critical if at least one offline physical device or a non optimal logical device is present.

Description Of Change: The HII function that calculates the number of offline physical device and non optimal logical devices is updated to return the Critical status if at least one physical device is offline or at least one logical device is non optimal. This new change is applied to all OEM except one. For the specific OEM the old behavior is retained.

Issue Description: The controller status is shown as needs attention when a logical device is in non optimal state.

Steps To Reproduce: - Flash the latest Firmware Package which contains latest HII and BSD.
- Connect a non optimal logical device or a offline Physical Disk.
- Observe that the controller status in HII is shown as non Needs attention. But this is supposed to be Critical as per latest architects suggestions.

Enhancements Implemented (2):

ID: DCSG01984302

Headline: UEFI HII: Increase the Maximum Enclosure Buffer Size from 1024 bytes to 4096 bytes to read the Enclosure Diagnostic Pages

Description Of Change: Currently the buffer size allocated to hold the enclosure diagnostic page is 1024 bytes. This size is not sufficient for some enclosures, especially OEM enclosures. Therefore to hold the complete data, this size has been increased to 4096 bytes.

ID: DCSG01984573

Headline: UEFI HII: HII support for new enclosure support on HBA465e

Description Of Change: UEFI HII: HII support for new enclosure support on HBA465e. Dev test for the device discovery and HII forms validation with respect to enclosures.

ReleaseOrder ID: DCSG01976910 [Open In CQWeb](#)

Headline: MR8.16 GIT HII ver 08.16.04.00 for X64 and AARCH64

Release Version: 08.16.04.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: Alpha

State: Released

Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.04.00-2025.09.19.18.40.49

Release Date: 2025-09-19 18:40:31.000000

Date Generated: Feb 05, 2026

Enhancements Implemented (1):

ID: DCSG01942995

Headline: UEFI HII: Add a new field in Advanced Controller Properties to show the Spin Down Time

Description Of Change: In Advanced Controller Properties screen a new field is added to show the value set in firmware for Spin down time. This value is in minutes. A value of zero means, the firmware will use it default value.
Name of new field: Spin Down Time
Help String: Number of idle minutes before device is spin-down or stop (0 means Firmware default).

ReleaseOrder ID: DCSG01972505 [Open In CQWeb](#)

Headline: MR8.16 GIT HII ver 08.16.03.00 for X64 and AARCH64

Release Version: 08.16.03.00

UCM Project: UEFI_HII_GEN4_GIT

Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT

UCM Stream:

Release Type: Alpha

State: Released

Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.03.00-2025.09.11.14.12.48

Release Date: 2025-09-11 14:12:41.000000

Date Generated: Feb 05, 2026

Defects Fixed (2):

ID: DCSG01962467 (Port Of Defect DCSG01942189)

Headline: UEFI HII: Static code analysis tool detected defect fix

Description Of Change: - Removed an unreachable code
- A function return status is checked and if successful then only the pointer which was passed as formal argument is used.

Issue Description: The static code analysis tool detected issues which need code changes.

Steps To Reproduce: Not Applicable.

ID: DCSG01971146 (Port Of Defect DCSG01970443)

Headline: Displaying the Drive count from HII when controller firmware is not populating it

Description Of Change: Updated the HII logic to display the Drive count when controller firmware is not able to populate field pdDiskPresentCount.

Issue Description: Displaying the Drive count from HII when controller firmware is not populating it

Steps To Reproduce: Boot to HII and verify the Drive Count

Enhancements Implemented (1):

ID: DCSG01969483

Headline: HII to implement the Enhanced string on HII prereview configuration for the foreign import.

Description Of Change: -- Add new error string for transformation of drives.

ReleaseOrder ID: DCSG01964654 [Open In CQWeb](#)
Headline: MR8.16 GIT HII ver 08.16.02.00 for X64 and AARCH64
Release Version: 08.16.02.00
UCM Project: UEFI_HII_GEN4_GIT
Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT
UCM Stream:
Release Type: Pre-Alpha-1
State: Released
Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.02.00-2025.08.19.05.24.53
Release Date: 2025-08-19 05:24:25.000000
Date Generated: Feb 05, 2026

Defects Fixed (2):

ID: DCSG01964632

Headline: UEFI HII: Build error due to undefined struct member

Description Of Change: Corrected the name of the structure member.

Issue Description: The HII build procedure fails with error

Steps To Reproduce: Update the HII Rel branch to latest and attempt to build. Check for successful build logs.

ID: DCSG01962467 (Port Of Defect DCSG01942189)

Headline: UEFI HII: Static code analysis tool detected defect fix

Description Of Change: - Removed an unreachable code
- A function return status is checked and if successful then only the pointer which was passed as formal argument is used.

Issue Description: The static code analysis tool detected issues which need code changes.

Steps To Reproduce: Not Applicable.

Enhancements Implemented (5):

ID: DCSG01935150

Headline: Preboot_Utills: MR8: Security Audit Improvements

Description Of Change: The HII adds human readable strings for the newly added error codes.

ID: DCSG01941067

Headline: UEFI HII: New board support in pre boot.

Description Of Change: Review BSD/HII code that could potentially affect the functionalities due to new device additions and NVDATA changes.

ID: DCSG01942758

Headline: UEFI HII: Rebase to latest MPI release and validate the HII code

Description Of Change: Rebase to latest MPI release and validate the HII code. If any changes needed as per latest MPI, then accommodate them.

ID: DCSG01948412

Headline: Battery device chemistry is showing under MFGname

Description Of Change: -- In HII, we are not displaying this field.
-- As per marketing team discission, we don't need to add this field in HII as part of this Activity as well.

ID: DCSG01949206

Headline: Legacy enclosure mode support

Description Of Change: -- Verify Enclosure listed in Device Management
-- Verify the Enclosure Status and its properties
-- Verify the drives and its information.

ReleaseOrder ID: DCSG01957391 [Open In CQWeb](#)
Headline: MR8.16 GIT HII ver 08.16.01.00 for X64 and AARCH64
Release Version: 08.16.01.00
UCM Project: UEFI_HII_GEN4_GIT
Sub UCM Project: UEFI_HII_GEN4_MR8.16_GIT
UCM Stream:
Release Type: Pre-Alpha-1
State: Released
Release Baseline: Release-UEFI_HII_GEN4_MR8.16_GIT-08.16.01.00-2025.08.05.06.32.22
Release Date: 2025-08-05 06:32:03.000000
Date Generated: Feb 05, 2026

Enhancements Implemented (2):

ID: DCSG01938579

Headline: UEFI HII: Debug log message improvements.

Description Of Change: - Some debug messages had wrong function names, those function names are corrected.
- An uninitialized variable was used. That variable is initialized to zero.

ID: DCSG01952165

Headline: 96xx and 97xx HII combined binary release in single release order

Description Of Change: -- Modify the HII scripts to include both binaries in single RO.
-- "All" parameter is added as argument for script to build both 96xx and 97xx binaries
-- Existing build should continue to work as it is. If 96xx is given as an argument then only 96xx binary should be built and released similarly for 97xx as well.
-- Verify the Zip file and its contents after build success.