

ReleaseOrder ID: DCSG02090071
Headline: GCA Release: IT_UEFI_Drv_GIT_Ph39 - 39.00.00.00 UEFI BSD (Signed)
Release Version: 39.00.00.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: GCA
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-39.00.00.00-2026.07.14.07.12.36
Release Date: 2026-07-14 07:12:25.000000
Date Generated: Aug 04, 2026

GCA Release Advisory

- Release Advisory From ReleaseOrder DCSG02090071 (GCA Release: IT_UEFI_Drv_GIT_Ph39 - 39.00.00.00 UEFI BSD (Signed)):

Release History

- [DCSG02087506 - Beta Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.07.00 UEFI BSD](#)
- [DCSG02084025 - Beta Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.06.00 UEFI BSD](#)
- [DCSG02074131 - Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.05.00 UEFI BSD](#)
- [DCSG02072175 - Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.04.00 UEFI BSD](#)
- [DCSG02058497 - Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.03.00 UEFI BSD](#)
- [DCSG02040028 - Pre-Alpha-2 Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.02.00 UEFI BSD](#)
- [DCSG02024251 - Pre-Alpha-1 Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.01.00 UEFI BSD](#)

ReleaseOrder ID: DCSG02087506 [Open In CQWeb](#)
Headline: Beta Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.07.00 UEFI BSD
Release Version: 38.255.07.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.07.00-2026.07.08.03.31.25
Release Date: 2026-07-08 03:31:02.000000
Date Generated: Aug 04, 2026

Enhancements Implemented (1):

ID: DCSG02086791
Headline: IT UEFI Drv: Add a new filed in Controller Management screen to show the minimum firmware version
Description Of Change: Added a new filed in controller properties screen.

The name of new field is: Minimum Supported Downgrade Version
The help string: Indicates the minimum firmware version to which the controller can be downgraded.

This new field will show the Minimum Version (decimal version number) that controller can be downgraded to.
This filed will be suppressed under below conditions.
- If the controller config page where the minimum version is stored cannot be read.
- The Min version is not set (or set to 0.0.0.0.0)

ReleaseOrder ID: DCSG02084025 [Open In CQWeb](#)
Headline: Beta Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.06.00 UEFI BSD
Release Version: 38.255.06.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Beta
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.06.00-2026.06.29.17.20.58
Release Date: 2026-06-29 17:20:38.000000
Date Generated: Aug 04, 2026

Enhancements Implemented (1):

ID: DCSG02082309
Headline: IT UEFI BSD : Field Downgrade Gate implementation
Description Of Change: -- Add more descriptive error message for downgrade failure.
-- When firmware fails the command. Display below string.

Downgrade image is not allowed. Minimum Supported Version: X.XX.

ReleaseOrder ID: DCSG02074131 [Open In CQWeb](#)
Headline: Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.05.00 UEFI BSD
Release Version: 38.255.05.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Alpha
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.05.00-2026.06.03.05.21.11
Release Date: 2026-06-03 05:21:01.000000
Date Generated: Aug 04, 2026

Defects Fixed (1):

ID: DCSG02072423
Headline: IT UEFI: Code walk through to identify coding errors and memory issues and fix if needed.

Description Of Change: Fix static code analyzer identified related issues in the HII and BSD
Issue Description: Fix static code analyzer identified related issues in the HII and BSD
Steps To Reproduce: NA

ReleaseOrder ID: DCSG02072175 [Open In CQWeb](#)
Headline: Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.04.00 UEFI BSD
Release Version: 38.255.04.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Alpha
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.04.00-2026.05.28.18.31.32
Release Date: 2026-05-28 18:31:16.000000
Date Generated: Aug 04, 2026

Defects Fixed (2):

ID: DCSG02070110
Headline: IT UEFI: Code walk through to identify coding errors and memory issues and fix if needed.
Description Of Change: Fix static code analyzer identified related issues in the HII
Issue Description: Fix static code analyzer identified related issues in the HII
Steps To Reproduce: Not Applicable

ID: DCSG02072029
Headline: IT UEFI: Code walk through to identify coding errors and memory issues and fix if needed.
Description Of Change: Fix static code analyzer identified related issues in the HII and BSD
Issue Description: Fix static code analyzer identified related issues in the HII and BSD
Steps To Reproduce: NA

ReleaseOrder ID: DCSG02058497 [Open In CQWeb](#)
Headline: Alpha Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.03.00 UEFI BSD
Release Version: 38.255.03.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Alpha
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.03.00-2026.04.23.16.30.37
Release Date: 2026-04-23 16:30:28.000000
Date Generated: Aug 04, 2026

Defects Fixed (1):

ID: DCSG02055648
Headline: IT UEFI: Code walk through to identify coding errors and memory issues and fix if needed.
Description Of Change: Following errors were fixed.
- Outbound (write) I/O: NVMe branch tests InTransferLength instead of OutTransferLength. Replaced the InTransferLength with OutTransferLength
- An early exit did not free the memory. Added a goto statement to free the memory and exit the function.
- Added max size cap while copying the data.
Issue Description: Code walk through to identify memory related errors, such as memory leaks, data overruns.
Steps To Reproduce: Not Applicable.

ReleaseOrder ID: DCSG02040028 [Open In CQWeb](#)
Headline: Pre-Alpha-2 Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.02.00 UEFI BSD
Release Version: 38.255.02.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Pre-Alpha-2
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.02.00-2026.02.26.11.13.25
Release Date: 2026-02-26 11:13:13.000000
Date Generated: Aug 04, 2026

Defects Fixed (1):

ID: DCSG02024190
Headline: UEFI Driver Memory leak issue fix
Description Of Change: Corrected the memory de allocation issue. The memory was allocated to a different pointer and freed on a different pointer.
Issue Description: The memory is allocated to a different pointer and freed on a different pointer.
Steps To Reproduce: Not Applicable.

Enhancements Implemented (1):

ID: DCSG02014719
Headline: IT UEFI driver support on CPU with multi segment feature.
Description Of Change: The IT UEFI driver is expected to work seamlessly on CPUs with multisegmented feature.

ReleaseOrder ID: DCSG02024251 [Open In CQWeb](#)
Headline: Pre-Alpha-1 Release: IT_UEFI_Drv_GIT_Ph39 - 38.255.01.00 UEFI BSD
Release Version: 38.255.01.00
UCM Project: IT_UEFI_Drv_GIT
Sub UCM Project: IT_UEFI_Drv_GIT_Ph39
UCM Stream:
Release Type: Pre-Alpha-1
State: Released
Release Baseline: Release-IT_UEFI_Drv_GIT_Ph39-38.255.01.00-2026.01.19.11.51.01
Release Date: 2026-01-19 11:50:35.000000
Date Generated: Aug 04, 2026

Enhancements Implemented (1):

ID: DCSG01949686

Headline: Implement host buffer based logging method in UEFI driver.

Description Of Change: The UEFI driver implemented a new method of debug logging. In this method, the driver allocates the fixed sized buffer in host memory. This memory is filled with debug messages till the end of buffer and circle back to start of buffer. The details of the buffer size, start and end address are advertised via a new private protocol. The host applications shall query this protocol on the driver handle and get access to this host debug buffer and dump the data either on screen or to a file.
