

IBM System Storage - DS8880 Disk Storage Microcode Bundle 88.51.53.0 Release Note Information v1.1

Release Date: February 26, 2019

VRMF Level Data Results:

VRMF level From:	88.51.49.0
VRMF Level To:	88.51.53.0
Report for:	All DS8880

Code Bundle Contents

DS8880 Code Bundle Level	SEA or LMC Version:	DSCSI Client	Heat Map Transfer Utility	Storage Manager	Copy Services Manager
88.51.53.0	7.8.51.159	7.8.51.159	7.8.51.159	5.8.51.1060	6.2.4

Overview of new features and functions supported by this release

At a glance:

- Capacity intermix in HPFE Gen2 Enclosures
- Code fixes

This new microcode release supports DS8880 systems only.

Select Modifications Included in this Release Note:

This is a list of some modifications contained across one or more LIC (License Internal Code) or microcode release(s). The potential impact is variable. Specific environments may aggravate or degrade the potential impact. Problem(s) fixed and reported in this release note may not be in higher levels of code bundles.

Definition of Problem Severity:

1	High Impact	- Acute: An irrecoverable error with potential loss of data. - Serious: An irrecoverable error with potential loss of access to data.
2	Moderate	- A function not operational and/or performance might be degraded.
3	Service	- A recoverable error (no impact) and service improvements.
4	Improvements	- Improvement changes for better Usability and Serviceability.

HIPER: High Impact problem that is Pervasive: 3 or more occurrences

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Acute: An irrecoverable error with potential loss of data.

None.

Serious: An irrecoverable error with potential loss of access to data.

HIPER Multiple 0x0109 MLEs and LPAR failover

- 1. Problem Description:** Adding Flash storage capacity or replacing Flash Drives, may cause multiple Microcode Logic Errors and LPAR failover in systems running 88.51.49.0 code bundle.
 - 2. Potential Impact of Problem:** Temporary loss of access
 - 3. Problem Severity:** High Impact
 - 4. Pervasive Problem:** No
- ID# 340309, 341973

0x014E MLE and LPAR reboot during CDA to R8.5

- 1. Problem Description:** A hardware problem during Code Distribution and Activation from R8.4 or earlier levels, to R8.5, may result in a loss of access.
 - 2. Potential Impact of Problem:** loss of access
 - 3. Problem Severity:** High Impact
 - 4. Pervasive Problem:** No
- ID# 340535

Moderate: A system path is not operational and/or performance may be degraded.

Very slow response from DSCLI 'lsckdvol' or 'lsfbvol' command

- 1. Problem Description:** lsckdvol or lsfbvol command response very slow in systems running R8.5 levels of code, with a large number of volumes.
 - 2. Potential Impact of Problem:** DSCLI command timeouts
 - 3. Problem Severity:** Moderate
 - 4. Pervasive Problem:** Yes
- ID# 339984

HMC2 WebUI fails to start after update to R8.5

- 1. Problem Description:** A file left over from manufacturing caused the HMC hostname to revert to 'localhost2'.
 - 2. Potential Impact of Problem:** Loss of access to HMC2
 - 3. Problem Severity:** Moderate
 - 4. Pervasive Problem:** Yes
- ID# 340441

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Service: A recoverable error, Service improvements.

None.

Improvements: Improvements for better usability

None.

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