

IBM System Storage - DS8900F Disk Storage

Microcode Bundle 89.40.93.0 Release Note Information

Release Date: 5 April, 2024

VRMF Level Data Results:

VRMF level From:	89.40.89.0
VRMF Level To:	89.40.93.0
Report for:	DS8900F

Code Bundle Contents

DS8900F Code Bundle Level	SEA or LMC Version:	DSCSI Client	Heat Map Transfer Utility	Storage Manager	Copy Services Manager
89.40.93.0	7.9.40.248	7.9.40.241	7.9.40.241	5.9.40.1095	6.3.8

Overview of new features and functions supported by this release on DS8900F 533x and 5341 models 993/994/996/998

At a glance:

- Code fixes

This new microcode release supports DS8900F 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: Irrecoverable error with potential loss of data. - Serious: Irrecoverable error with potential loss of access to data, or critical function.
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.

HIPER Potential undetected loss of DS8000 Safeguarded Copy source volume data during an LPAR error handling event.

- 1 Problem Description:** <https://www.ibm.com/support/pages/node/7129800>
- 2 Potential Impact of Problem:** Loss of data
- 3 Environment:** All using Safeguarded Copy
- 4 Problem Severity:** HIPER
- 5 Pervasive Problem:** No

ID# 363337

HIPER Potential undetected loss of DS8000 CKD Remote Pair Flashcopy Target data during an LPAR error handling event.

- 1 Problem Description:** <https://www.ibm.com/support/pages/node/7145622>
- 2 Potential Impact of Problem:** Loss of data
- 3 Environment:** All using Remote Pair Flashcopy
- 4 Problem Severity:** HIPER
- 5 Pervasive Problem:** No

ID# 365221

Serious: An irrecoverable error with potential loss of access to data, or critical function.

None.

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

Web UI (WUD) login failures after HMC code update

- 1 Problem Description:** Certificate issues are preventing the Challenge-Response servlet from executing.
- 2 Potential Impact of Problem:** Extended service action
- 3 Environment:** All coming from R9.4 GA - 89.40.82.0
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** Yes

ID# 364548

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DS GUI login failure after upgrade to 89.40.83.0 or 89.40.89.0

- 1 Problem Description:** Security changes may cause false authentication failures.
- 2 Potential Impact of Problem:** Unable to login to HMCs.
- 3 Environment:** Update from R9.4 GA or GA2
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** Yes

ID# 364707

0x014E MLE during LPAR code activation

- 1 Problem Description:** zHyperlink data structures incompatible after updating the first LPAR.
- 2 Potential Impact of Problem:** Unable to resume LPAR back to dual-cluster mode.
- 3 Environment:** zHyperlink on R9.4 GA or GA2
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** No

ID# 365019

zHyperlink read response time spikes

- 1 Problem Description:** Changes made to enhance performance may not be appropriate for all workloads.
- 2 Potential Impact of Problem:** Degraded performance
- 3 Environment:** zHyperlink on R9.4 GA or GA2
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** No

ID# 365231

Service: A recoverable error, Service improvements

None.

Improvements: Improvements for better usability

None.

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