

IBM System Storage - DS8900F Disk Storage Microcode Bundle 89.33.42.0 Release Note Information

Release Date: October 9, 2023

VRMF Level Data Results:

VRMF level From:	89.33.40.0
VRMF Level To:	89.33.42.0
Report for:	DS8900F

Code Bundle Contents

DS8900F Code Bundle Level	SEA or LMC Version:	DSCLI Client	Heat Map Transfer Utility	Storage Manager	Copy Services Manager
89.33.42.0	7.9.33.106	7.9.33.95	7.9.33.95	5.9.33.1041	6.3.7.0

Overview of new features and functions supported by this release on DS8900F 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.

None.

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

HIPER Transparent Cloud Tiering Out of Memory

- 1 Problem Description:** Multiple issues in TCT may lead to out-of-memory conditions, requiring support and/or development intervention to resolve.
- 2 Potential Impact of Problem:** Loss of TCT function
- 3 Environment:** All using TCT
- 4 Problem Severity:** HIPER
- 5 Pervasive Problem:** Yes

ID# 361014

Global Mirror fails to form consistency groups

- 1 Problem Description:** When GM is paused, and all volumes are removed from a session, but the session is left open on the LSS (an empty session), when GM is resumed, it will fail to form CGs. This problem can be avoided by also removing the empty LSS (LCU) before resuming GM.
- 2 Potential Impact of Problem:** Global Mirror failure
- 3 Environment:** Global Mirror on R9.3 code
- 4 Problem Severity:** High Impact
- 5 Pervasive Problem:** No

ID# 362536

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

Enhance Transparent Cloud Tiering request processing

- 1 Problem Description:** Streamline processing of requests for TS7700 containers having large numbers of objects.
- 2 Potential Impact of Problem:** Degraded performance
- 3 Environment:** TCT connected to TS7700
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** No

ID# 359635

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Transparent Cloud Tiering "500 Internal Server" Error

- 1 Problem Description:** In public and private cloud environments, requests to list objects in a container, or to delete a container, may fail when more than 100K objects exist in the container.
- 2 Potential Impact of Problem:** Unable to list objects, or delete a container.
- 3 Environment:** All Public/Private TCT clouds
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** No

ID# 361486

DS GUI Create Volume function failure

- 1 Problem Description:** When defining new FB volumes in DS GUI, using only odd or even pool, the "Save" button is enabled, but does not actually work.
- 2 Potential Impact of Problem:** Unable to create FB volumes using DS GUI
- 3 Environment:** All Open Systems and IBMi
- 4 Problem Severity:** Moderate
- 5 Pervasive Problem:** No

ID# 361744

Service: A recoverable error, Service improvements

None.

Improvements: Improvements for better usability

None.

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