IBM System Storage - DS8900F Disk Storage Microcode Bundle 89.32.40.0 Release Note Information

Release Date: February 13, 2023

VRMF Level Data Results:

VRMF level From:	89.32.37.0
VRMF Level To:	89.32.40.0
Report for:	DS8900F

Code Bundle Contents

DS8900F Code Bundle Level	SEA or LMC Version:	DSCLI Client	Heat Map Transfer Utility	U	Copy Services Manager
89.32.40.0	7.9.32.126	7.9.32.101	7.9.32.101	5.9.32.1054	6.3.4

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

At a glance:

- Multi-Factor Authentication support
- Support Client-provided certificates for call-home and remote support access
- Code fixes and improvements

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.

0x4143 MLE End-of-chain task timeout

- 1 **Problem Description:** While cleaning up a stale relationship on the Metro Mirror secondary, incorrect handling of task locks led to a deadlock condition.
- 2 Potential Impact of Problem: Repeated warmstarts
- **3** Environment: R9.3 SP2 running Metro/Global Mirror, and using dataset-level RemotePair FlashCopy on MM primary.
- 4 **Problem Severity:** High Impact
- 5 Pervasive Problem: No

ID# 360285

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

None.

Service: A recoverable error, Service improvements

None.

Improvements: Improvements for better usability

None.

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