

IBM System Storage - DS8900F Disk Storage **Microcode Bundle 89.0.214.0 Release Note Information**

Release Date: October 25, 2019

VRMF Level Data Results:

VRMF level From:	New version - no previous releases
VRMF Level To:	89.0.214.0
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
89.0.214.0	7.9.0.523	7.9.0.523	7.9.0.523	5.9.0.1205	6.2.6

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

At a glance:

- DS8900F Models 993, 994, 996 and Model E96 Expansion Unit
- IBM POWER9-based processors
- Scalable system memory and processor cores in the controllers
- Non-Volatile DIMM (NV-DIMM) write cache protection
- 4-port 16 Gb and 32 Gb Host Adapters (32 Gb encryption-capable)
- Single HA port wrap test
- zHyperLink available on all models
- Standard 40U / 19-inch rack footprint for models 994 and 996/E96 (15U - 20U for model 993)
- Repackaged rack power system with intelligent Power Distribution Units (iPDUs)
- Integrated management drawer with dual Hardware Management Consoles (HMCs)

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.

None.

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

Many.

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