

# IBM System Storage - DS8880 Disk Storage

## Microcode Bundle 88.33.34.0 Release Note Information v1

Release Date: March 30, 2018

### VRMF Level Data Results:

VRMF level From:	88.31.49.0
VRMF Level To:	88.33.34.0
Report for:	All DS8880

### Code Bundle Contents

DS8880 Code Bundle Level	SEA or LMC Version:	DSCLI Client	Heat Map Transfer Utility	Storage Manager	Copy Services Manager
88.33.34.0	7.8.33.111	7.8.33.111	7.8.33.111	5.8.33.1044	6.2.2

Overview of new features and functions supported by this release

### At a glance:

- zHyperLink Read support for DS8884 and DS8888

**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 Potential Loss of Access for z Systems running Dataset Level FlashCopy**

1. **Problem Description:** <http://www.ibm.com/support/docview.wss?uid=ssg1S1012155>
  2. **Potential Impact of Problem:** loss of access
  3. **Problem Severity:** HIPER
  4. **Pervasive Problem:** Yes
- ID#: 330013

### **Windows cluster reservation conflict**

1. **Problem Description:** SCSI-3 persistent reservation was not released when the reservation holder unregistered
  2. **Potential Impact of Problem:** loss of access
  3. **Problem Severity:** High Impact
  4. **Pervasive Problem:** No
- ID#: 332762

### **HIPER zHyperLink PCIe errors during CDA**

1. **Problem Description:** Systems that contain the updated host bay hardware that supports zHyperLink may experience PCIe errors during code upgrades, even if zHyperLink feature is not installed. Access loss may result if multiple host bays encounter this problem.
  2. **Potential Impact of Problem:** loss of access
  3. **Problem Severity:** HIPER
  4. **Pervasive Problem:** Yes
- ID#: 333448

**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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