

# **IBM System Storage - DS8870 Disk Storage**

## **Microcode Bundle 87.21.8.0 Release Note Information v1**

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**Release Date: January 16, 2014**

### **VRMF Level Data Results:**

<b>VRMF level From:</b>	<b>87.21.5.0</b>
<b>VRMF Level To:</b>	<b>87.21.8.0</b>
<b>Report for:</b>	<b>All DS8870</b>

## **Code Bundle Contents**

This table includes code component reference information.

<b>DS8870 Code Bundle Level</b>	<b>SEA or LMC Version:</b>	<b>DS CLI Client</b>	<b>Easy Tier Client</b>	<b>STAT Tool</b>	<b>Heat Map Transfer Utility</b>	<b>Storage Manager</b>
<b>87.21.8.0</b>	<b>7.7.21.21</b>	<b>7.7.21.21</b>	<b>7.7.21.21</b>	<b>7.7.21.21</b>	<b>7.7.21.21</b>	<b>5.7.21.1007</b>

Overview of new features and functions supported by this release on DS8870, 242x model 961

### **At a glance:**

- Same content as 87.21.5.0, plus an additional field defect fix

**This is a new microcode release only supports the DS8870.**

### **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.**

None

**Moderate: A system path is not operational and performance might be degraded.**

**Read I/O on FlashCopy source volumes not being counted by ET**

1. **Problem Description:** On Flashcopy CST operation, Easy Tier records the read I/O statistics on FlashCopy source volume against the target volume.
2. **Potential Impact of Problem:** degraded performance
3. **Problem Severity:** Moderate
4. **Pervasive Problem:** No

ID#: 291892

**Service: A recoverable error, Service improvements.**

None

**Improvements: Improvement for better usability**

None

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