

# **IBM TotalStorage® DS8870 Disk Storage** 1 **Microcode Bundle 87.30.501.501 Release Note Information v1**

**Date:** March 4, 2015

## **Code Contents**

This update contains only Power Update microcode. The DS8870 Code Bundle, SEA ( LMC), DSCLI client and Storage manager remain unchanged if only 87.30.501.501 is installed.

This Power Update is only applicable to the base code bundle levels listed in table 1.

**Table 1: Power Update Only Code Load**

Starting Level	Level to Acquire	Action	Image Version	Code Load time
87.30.xx.x	87.30.501.501	Power Update only	PowerVer00050	1.5 – 2.0 hours

### **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) reported in this release note may not be in higher levels of code bundles.

### **Definition of Problem Severity:**

1. Acute - An irrecoverable error with potential loss of data.
2. Serious - An irrecoverable error with potential loss of access to data.
3. Moderate - A function not operational and/or performance might be degraded.
4. Service - A recoverable error (no impact) and service improvements.
5. Improvements - Improvement changes for better Usability and Serviceability.

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

### **DC-UPS firmware change to correct battery life calculation**

1. **Problem Description:** Initial battery life was originally mis-configured for 7 years, rather than 5.5 years.
2. **Potential Impact of Problem:** No early warning that batteries are approaching end-of-life
3. **Problem Severity:** Service
4. **Pervasive Problem:** No

ID#: 296441

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