IBM System Storage - DS8880 Disk Storage
Microcode Bundle 88.23.20.0 Release Note Information v1

Release Date: June 27, 2017

VRMF Level Data Results:

| VRMF level From: | 88.23.18.0 |
| VRMF Level To:   | 88.23.20.0 |
| Report for:      | All DS8880 |

Code Bundle Contents

<table>
<thead>
<tr>
<th>DS8880 Code Bundle Level</th>
<th>SEA or LMC Version:</th>
<th>DSCLI Client</th>
<th>STAT Tool</th>
<th>Heat Map Transfer Utility</th>
<th>Storage Manager</th>
<th>Copy Services Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>88.23.20.0</td>
<td>7.8.23.91</td>
<td>7.8.23.91</td>
<td>7.8.23.91</td>
<td>7.8.23.91</td>
<td>5.8.23.1032</td>
<td>6.1.5</td>
</tr>
</tbody>
</table>

Overview of new features and functions supported by this release

At a glance:
- Bug fixes

This new microcode release supports DS8880 systems only.

Select Modifications Included in this Release Note:
The potential impact is variable. Specific environments may aggravate or degrade the potential impact. Problem(s) fixed and reported in this release may not be in higher levels of code bundles.

Definition of Problem Severity:

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

HIPER: High Impact problem that is Pervasive: 3 or more occurrences
Acute: An irrecoverable error with potential loss of data.

HIPER Possible Data Loss using FlashCopy Fast Reverse Restore with ESE volumes
1. Problem Description: http://www.ibm.com/support/docview.wss?uid=ssg1S1010356
2. Potential Impact of Problem: loss of data
3. Problem Severity: HIPER
4. Pervasive Problem: Yes
ID#: 328347

Serious: An irrecoverable error with potential loss of access to data.

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

None.
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