DGX Station A100

Firmware Release Notes
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Chapter 1. DGX Station A100 Firmware Overview

The firmware components in this release are the same as the components that were installed in the factory.
Chapter 2. DGX Station A100 Firmware

Highlights and Changes in this Release

This release is supported with the following DGX OS software:

- DGX OS 5.0.2 or later.

2.1. Contents of the DGX Station A100 Firmware Container

Here is a list of the firmware components for DGX Station A100.

These firmware components are the same as the components that were installed in the factory.

Table 1. DGX Station A100 Firmware

<table>
<thead>
<tr>
<th>Component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMC</td>
<td>0.31.09</td>
</tr>
<tr>
<td>SBIOS</td>
<td>9.28C</td>
</tr>
<tr>
<td>VBIOS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>▶ 80GB: 92.00.38.00.01</td>
</tr>
<tr>
<td></td>
<td>▶ 40GB: 92.00.48.00.01</td>
</tr>
<tr>
<td>FPGA</td>
<td>2.7</td>
</tr>
<tr>
<td>Storage Backplane</td>
<td>0.3</td>
</tr>
<tr>
<td>PSU</td>
<td>3.8</td>
</tr>
<tr>
<td>Retimer</td>
<td>1.0.125</td>
</tr>
</tbody>
</table>

2.2. DGX Station A100 Firmware Known Issues

This section provides a list of the known issues for the DGX Station A100 firmware.
2.2.1. **Built-in UEFI Shell Does Not Appear in the List of Boot Options**

**Issue**

After you insert a USB Flash drive into your DGX Station A100, the Built-in UEFI Shell does not appear in the list of boot options or in the **Boot Override** menu.

2.2.2. **Fan Sensor Thresholds**

**Issue**

If the fan speed falls below the lower critical speed that you set, NVSM will not generate a alert.

2.2.3. **BMC Reverts Back to the Default Password for admin and Administrator Users**

**Issue**

When you complete one of the following tasks:

- In the BMC web UI, click **Restore Factory Defaults** and do not click **Save** to preserve the settings.
- Run the `$ sudo ipmitool raw 0x32 0x66` command.

the passwords for the admin and Administrator users revert to the following default passwords:

- **admin** (for the admin role)
- **superuser** (for the Administrator role)

**All** other users on the system will be deleted.

**Resolution**

We **strongly** recommend that you change your password. If you do not change your password, anyone can use the default passwords and log in to the BMC.
2.2.4. Severity of All System Events are Marked as Critical

Issue
When you log into the BMC web UI, the severity for the system events in the log might display Critical instead of the actual severity.

2.2.5. System Event Log Timestamp Unsyncs and Resyncs After a BIOS Update

Issue
When you update the BIOS, the BMC timestamp loses sync, and a reboot will synch the timestamp again.

2.2.6. Logging in to the BMC Web GUI After Your Session Times Out

Issue
If your BMC web GUI session times out, and you are locked out, to enter the web GUI, you must log in twice.

2.2.7. No System Event Log Entry to Indicate that the System Event Log was Cleared

Issue
When you run the $ sudo ipmitool sel clear command to clear the system event log, there is no log entry that helps you verify that the SEL was cleared.

2.2.8. Inconsistency in NVME Device Naming

Issue
When you run the $ sudo nvipmitool sdr list | grep U.2 command, the listed name of your NVMe device will not match the name that is displayed when you run the $ sudo dmidecode | grep NVMe command.

Here is an example:
1. Run the $ **sudo dmidecode | grep NVMe** command, and the following devices are listed:

<table>
<thead>
<tr>
<th>Designation: U.2_NVMe0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designation: U.2_NVMe1</td>
</tr>
</tbody>
</table>

2. Run the $ **sudo nvipmitool sdr list | grep U.2** command, the following device names are displayed:

   | TEMP_U.2_1 |
   | TEMP_U.2_2 |

   U.2_NVMe0 is displayed as TEMP_U.2_1, and U.2_NVMe1 is displayed as TEMP_U.2_2.

### 2.2.9. No Message When User is Locked Out After Entering the Incorrect Password

**Issue**

After entering an incorrect password 5 times or more, users might not realize that they have been locked out.

### 2.2.10. No Download Debug Logs Button in the BMC Web GUI

**Issue**

In the BMC web GUI, when you click **Logs & Reports > Debug log**, there is no **Debug Log** button. You cannot download the debug logs.
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