



# NVIDIA SYSTEM MANAGEMENT

RN-09705-2001 \_v |

**Release Notes**



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# Chapter 1.

## CHANGELOG FOR NVSM 20.01.15

NVIDIA® System Management (NVSM) is a software framework for monitoring NVIDIA DGX™ nodes in a data center. It includes active health monitoring, system alerts, and log generation. See the [NVSM User Guide](#) for more information.

NVSM Version 20.01.15 is released in March 2020.

NVSM is provided as part of the DGX OS software (DGX OS 4.4) as well as the DGX software stack for Red Hat Enterprise Linux (EL7-20.02).

### 1.1. Changes and New Features

The following are the changes since Release 19.08.6.

#### General

- ▶ Added NVSM Call Home feature
- ▶ The following CLI commands are now supported on DGX Station.
  - ▶ `nvsm show health`
  - ▶ `nvsm dump health`
- ▶ Added the ability to get firmware update container via `nvcr.io`.
- ▶ Added support for additional drives (beyond the default) on DGX systems.
- ▶ Added support for the Mellanox CX6 cards on DGX-1 (Tesla V100)

### 1.2. Bug Fixes

- ▶ [DGX-1][EL7-19.10]: `nvsm cli` shows incorrect information for "platform" and "nvsm-\*" components.
- ▶ [DGX-2]: NVSM Does not clear md1 storage alert after rebuilding RAID 0.

## 1.3. Known Issues

- ▶ NVSM Reports "Unknown" for the number of logical CPU cores on Non-English locales.
- ▶ [DGX-2]: NVSM does not detect downgraded GPU PCIe Link
- ▶ [DGX-2 KVM]: `nvidia-vm vmshow` command does not work for running VMs.
- ▶ `configure_raid_array.py` script cannot recreate RAID array after re-inserting a known good SSD.

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