NVIDIA Mission Control 1.2.1 General Availability (GA) Release

NVIDIA Mission Control 1.2.1 delivers 10 Grafana visualization dashboards for GB200 NVL72 SuperPOD infrastructure monitoring and daily operations.

Key Features

Grafana Visualizations (25.07.01):

- **10 new dashboards** provide comprehensive GB200 NVL72 infrastructure monitoring.

What's New in NVIDIA Mission Control 1.2.1

Grafana Observability Dashboards (25.07.01)

Infrastructure Monitoring:

- **SuperPOD Overall Dashboard -** System-wide performance metrics.
- **DGX GB200 DCGM Dashboard -** GPU telemetry and utilization.
- **DGX GB200 Health Status -** Real-time component health.
- **DGX GB200 Rack Power Analysis** - Power consumption tracking.

Operational Dashboards:

- **BMS View of Cluster -** Environmental controls integration.
- **Slurm Dashboard -** Workload scheduling and resource allocation.
- **Alerts Dashboard -** Incident management and response.
- **Network Dashboard -** Connectivity and throughput monitoring.
- **Storage Dashboard -** Capacity and performance metrics.
- **DGX GB200 NVLink Dashboard -** Interconnect performance.

Autonomous Hardware Recovery 28.1.99

Enhanced Capabilities:

- GPU health monitoring provides diagnostic data.
- Slurm integration coordinates workload migration during recovery.
- Automated backup systems protect configuration data.
- Recovery operations complete in 5-15 minutes for multi-rack systems.

Release Components

- Mission Control Grafana Visualizations - 25.07.01
- Autonomous Hardware Recovery - 28.1.99

Software Downloads

- Mission Control Grafana Visualizations for GB200 NVL72 SuperPOD systems: 1137886
- Autonomous Hardware Recovery: 1136251

Installation Guides

For detailed installation guides and configuration instructions, please refer to:

1. NVIDIA Mission Control Management Plane and Rack Setup with NVIDIA GB200 NVL72 Systems Installation Guide: 1136385
2. NVIDIA Mission Control Software Installation Guide: 1136386
3. NVIDIA Mission Control Autonomous Hardware Recovery with GB200 NVL72 Systems Administration Guide: 1136388

Release Notes

- [Autonomous Hardware Recovery - 28.1.99](#)

Known Issues

Mission Control Grafana Visualizations

- Loading the Dashboard takes 15-30 seconds with large datasets during peak usage.
- Historical queries beyond 30 days experience slower response times.
- Critical alert email notifications delayed 2-3 minutes during high-frequency events.

Autonomous Hardware Recovery

- GPU health checks report false positives during thermal throttling.
- Job scheduling conflicts occur during simultaneous recovery and workload migration.
- Recovery operations take 5-15 minutes longer than expected in multi-rack configurations.