



Release Notes

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NVIDIA® UFM® is a powerful platform for managing InfiniBand scale-out computing environments. UFM enables data center operators to efficiently monitor and operate the entire fabric, boost application performance and maximize fabric resource utilization.

Key Features

UFM provides a central management console, including the following main features:

- Fabric dashboard including congestion detection and analysis
- Advanced real-time health and performance monitoring
- Fabric health reports
- Threshold-based alerts
- Fabric segmentation/isolation
- Quality of Service (QoS)
- Routing optimizations
- Central device management
- Task automation
- Logging
- High availability
- Daily report: Statistical information of the fabric during the last 24 hours
- Event management
- Switch auto-provisioning
- UFM-SDN Appliance in-service software upgrade
- Fabric validation tests
- Client certificate authentication

- IPv6 on management ports

 **Warning**

Prior to installation, please verify that all prerequisites are met.
Please refer to [System Requirements](#).

Changes and New Features

This section lists the new and changed features in this software version.

Note

For an archive of changes and features from previous releases, please refer to [Changes and New Features History](#).

Feature	Description
UFM Reports Enhancements	Added an option for excluding unhealthy ports from UFM reports based on ibdiagnet (for example: Fabric Health report, Fabric Validation tests). For more information, refer to Configuring Unhealthy Ports .
Telemetry Enhancements	Added support for Egress Queue depth indications (as part of UFM secondary telemetry instance). For more information, refer to Exposing Performance Histogram Counters .
	Added support for Extended Port VL Xmit Time Congestion counters (as part of UFM secondary telemetry instance).
UFM Configuration Adjustments	Added the option for auto-setting of UFM configuration based on fabric size (large scale, small scale). For more information, refer to Managing UFM Configuration Files Based on Fabric Size .
UFM Container Timezone	The UFM Container has been updated to operate in the host machine's time zone instead of UTC.
UFM Events	Added the ability to update thresholds, severities, and durations (TTL) for selected UFM Events.
	Added a new UFM event for indicating asymmetric Adaptive Routing (based on SM trap). For more information, refer to Appendix - Supported

Feature	Description	
	Port Counters and Events .	
Topology Changes Reports Enhancements	Enhanced the topology change indication from the master topology and enabled a quick drill-down to the associated topology change report. For more information, refer to Topology Compare Tab and Events & Alarms .	
Multi-Subnet UFM	Added support for running UFM Fabric validation Tests from UFM Multi-Subnet Consumer. For more information, refer to Multi-Subnet UFM .	
UFM Docker Container Deployment	Added support for deploying UFM as a docker on Oracle Linux 8. For more information, refer to Installation Notes .	
UFM-HA	HA Deployment: Added support for deploying UFM HA on Ubuntu24.04.	
	HA Configuration: Added configurable failover criteria (management interface loss-of-link).	
UFM System Dump Analyser	Introduced an internal debugging tool for more efficient analysis of UFM system dumps.	
Plugins	REST-RDMA Plugin	Added support for client certificate authentication when communicating between the client and the REST over RDMA plugin server.
	UFM Light Plugin	Added support for UFM Light Plugin to create a reduced UFM model and deliver a high-performance REST API.
	Key Performance Indexes (KPI) Plugin	Added support for the KPI plugin which periodically collects telemetry metrics and topology data from one or multiple UFM Telemetry and UFM clusters to calculate high-level Key Performance Indicators (KPIs).
	ClusterMind er Plugin	Added support for the ClusterMind plugin which collects telemetry data from multiple data sources and aggregates, streams and visualizes the backend.
	Packet Mirroring Collector	Added the option to collect PHY link-down event indications through fast-recovery notification channels.

Feature	Description	
	(PMC) Plugin	
	UFM Plugins Management	Added support for UFM plugin management using the <code>manage_ufm_plugins.sh</code> script.
REST APIs	UFM-Forge Integration	Added support for setting SM resource limitation. For more information, refer to the Physical-Virtual GUID Mapping REST API .
	SHARP Jobs Performance Analysis	Added a new REST API which expose SHARP Job statistics data. For more information, refer to NVIDIA SHARP REST API
	UFM Logging	Added caller (IP Address) and duration logging info for all REST API calls.
	UFM Version API Enhancement	Added a REST API to retrieve the versions of major UFM components and enabled plugins.

Note

The items listed in the table below apply to all UFM license types.

Note

For bare metal installation of UFM, it is required to install MLNX_OFED 5.X (or newer) before the UFM installation.

Please make sure to use the UFM installation package that is compatible with your setup, as detailed in [Bare Metal Deployment Requirements](#).

Unsupported Functionalities/Features

The following distributions are no longer supported in UFM:

- RH7.0-RH7.7 / CentOS7.0-CentOS7.7
- SLES12 / SLES 15
- EulerOS2.2 / EulerOS2.3

Deprecated Features:

- Mellanox Care (MCare) Integration
- UFM on VM (UFM with remote fabric collector)
- Logical server auditing
- The UFM high availability script - **/etc/init.d/ufmha** - is no longer supported
- The **UFM Multi-site portal** feature is no longer supported. The Multi-Subnet feature can be used instead
- As of UFM Enterprise v6.18.0, **UFM Agent discovery** will be disabled by default, and managed switches will be discovered in-band
- As of UFM Enterprise v6.18.0, the `ibdiagpath` diagnostic utility is deprecated
- As of UFM Enterprise version 6.14.0, **UFM Monitoring Mode** is deprecated and is no longer supported
- As of UFM Enterprise v6.12.0, the **Logical Elements tab** is removed
- Removed the following fabric validation tests: **CheckPortCounters & CheckEffectiveBER**

i Note

In order to continue working with **/etc/init.d/ufmha** options, use the same options using the **/etc/init.d/ufmd** script.

For example:

Instead of using **/etc/init.d/ufmha model_restart**, please use **/etc/init.d/ufmd model_restart** (on the primary UFM server)

Instead of using **/etc/init.d/ufmha sharp_restart**, please use **/etc/init.d/ufmd sharp_restart** (on the primary UFM server)

The same goes for any other option that was supported on the **/etc/init.d/ufmha** script

Installation Notes

Supported Devices

Supported NVIDIA Externally Managed Switches

Type	Model	Latest Tested Firmware Version
NDR switches	<ul style="list-style-type: none">MQM9790	31.2021.4036
HDR switches	<ul style="list-style-type: none">MQM8790	27.2012.4036
EDR switches	<ul style="list-style-type: none">SB7790SB7890	15.2010.4402

Supported NVIDIA Internally Managed Switches

Type	Model	Latest Tested OS Version
NDR switches	<ul style="list-style-type: none">MQM9700	MLNX-OS 3.12.1002 NVOS 25.01.4000
HDR switches	<ul style="list-style-type: none">MQ8700MCS8500TQ8100-HS2FTQ8200-HS2F	MLNX-OS 3.12.1002

Type	Model	Latest Tested OS Version
EDR switches	<ul style="list-style-type: none"> • SB7700 • SB7780 • SB7800 • CS7500 • CS7510 • CS7520 	MLNX-OS 3.10.4400

System Requirements

Bare Metal Deployment Requirements

Platform	Type and Version
OS (Relevant for Standalone and High-Availability deployments)	64-bit OS: <ul style="list-style-type: none"> • RedHat 8 • RedHat 9 • CentOS 7 • Ubuntu 20.04 • Ubuntu 22.04
CPU ^(a)	x86_64
HCAs	<ul style="list-style-type: none"> • NVIDIA ConnectX®-4 with Firmware 12.28.2006 and above • NVIDIA ConnectX®-5 with Firmware 16.35.4030 and above • NVIDIA ConnectX®-6 with Firmware 20.24.4702 and above • NVIDIA ConnectX®-7 with Firmware 28.42.0428 and above • NVIDIA Mezzanine Board with Four ConnectX-7 ASICs for Multi-GPU Connectivity (CEDAR) with Firmware 28.36.0394 and above • NVIDIA BlueField with Firmware 24.33.900 and above • NVIDIA BlueField-2 with Firmware 24.33.900 and above • NVIDIA BlueField-3 with Firmware 32.42.0148 and above
OFED ^(b)	<ul style="list-style-type: none"> • MLNX_OFED 5.X

Platform	Type and Version
	<ul style="list-style-type: none">• MLNX_OFED23.x• MLNX_OFED24.x

i Note

(a) CPU requirements refer to resources consumed by UFM. You can also dedicate a subset of cores on a multicore server. For example, 4 cores for UFM on a 16-core server.

(b) For supported HCAs in each MLNX_OFED version, please refer to MLNX_OFED Release Notes.

(c) UFM v6.15.0 is the last version to support NVIDIA ConnectX-4 adapter cards

i Note

For running SHARP Aggregation Manager within UFM, it is recommended to use MLNX_OFED-5.4.X version or newer.

i Note

Installation of UFM on minimal OS distribution is not supported.

i Note

UFM does not support systems in which NetworkManager service is enabled.

Before installing UFM on RedHat OS, make sure to disable the service.

Docker Installation Requirements

UFM Docker Container is supported on the standard docker environment (engine).

The following operating systems were tested with Docker Container (as standalone container):

Component	Type and Version
Supported OS	<ul style="list-style-type: none">• RHEL8• RHEL9• Ubuntu18.04• Ubuntu20.04• Ubuntu22.04

Note

For UFM Docker Container installation in HA mode, please refer to [Bare Metal Deployment Requirements](#) for the list of operating systems and kernels which support HA.

Note

On some Ubuntu OSs, Docker is installed via SNAP, which might lead to errors when trying to use UFM Plugins.

To solve this issue, perform the following:

1. Remove Docker installed via SNAP, run:

```
snap remove --purge docker
```

2. Update the local package index, run :

```
apt update
```

3. Install native Docker, run:

```
apt install-y docker.io
```

UFM Server Resource Requirements per Cluster Size

Fabric Size	CPU Requirements*	Memory Requirements	Disk Space Requirements	
			Minimum	Recommended
Up to 1000 nodes	4-core server	4 GB	20 GB	50 GB
1000-5000 nodes	8-core server	16 GB	40 GB	120 GB
5000-10000 nodes	16-core server	32 GB	80 GB	160 GB
Above 10000 nodes	Contact NVIDIA Support			

UFM GUI Client Requirements

The platform and GUI requirements are detailed in the following tables:

Platform	Details
Browser	Edge, Internet Explorer, Firefox, Chrome, Opera, Safari
Memory	<ul style="list-style-type: none">• Minimum: 8 GB• Recommended: 16 GB

MFT Package Version

Platform	Details
MFT	Integrated with MFT version mft-4.29.0-127

UFM SM Version

Platform	Type and Version
SM	UFM package includes SM version 5.20.0

Note

Assuming the SM is connected to the production cluster, it can handle any events (IB traps) coming from the fabric that is being built; such events should not affect the routing on the production cluster. If events occurred in the production cluster, the routing could be changed.

However, NVIDIA recommends isolating fabric sections to allow faster bring-ups, **faster troubleshooting and misconfiguration avoidance** that can cause routing errors. Isolation provides clearer

SM and CollectX logs, avoiding warnings/errors from masking real production issues.

UFM NVIDIA SHARP Software Version

Platform	Type and Version
NVIDIA® Scalable Hierarchical Aggregation and Reduction Protocol (SHARP)™	UFM package includes NVIDIA SHARP software version 3.8.0

Used Ports by UFM Server

For a list of ports used by the UFM Server for internal and external communication, refer to [Appendix – Used Ports](#).

Software Update from Prior Versions


The installer detects versions previously installed on the machine and prompts you to run a clean install of the new version or to upgrade while keeping user data and configuration unchanged.

The upgrade from previous versions maintains the existing database and configuration, allowing a seamless upgrade process.

Info

Upgrading UFM Enterprise software version is supported up to two previous GA software versions (GA -1 or -2).

For example, if you wish to upgrade to UFM Enterprise v6.17.0, it is possible to do so only from UFM Enterprise v6.16.0 or v6.15.0.

 **Note**

Due to a possible conflict, SM and SHARP installed by the MLNX_OFED must be uninstalled. The installation procedure will detect and print all MLNX_OFED packages that must be removed.

Bug Fixes in This Release

Ref #	Description
40129 15	Description: Fixed bug in SMTP configuration
	Keywords: SMTP, Configuration
	Discovered in Release: v6.17.1
39850 23	Description: Fixed the issue where GUIDs could not be assigned to empty keys in the REST API
	Keywords: REST API, GUID, Empty Keys
	Discovered in Release: v6.17.2
39597 80	Description: Fixed the issue with missing telemetry data on the dashboard after installing UFM Enterprise v6.17.1
	Keywords: Telemetry, Data, Dashboard
	Discovered in Release: v6.17.1
39124 16	Description: Fixed the issue where the Web UI frequently exits after the admin password was changed
	Keywords: WebUI, Exit, Password
	Discovered in Release: v6.17.0
38813 65	Description: Fixed the issue with the CloudX REST API malfunctioning when deleting a port associated with a PKey
	Keywords: CloudX, REST API, PKey, Port
	Discovered in Release: v6.15.2

Known Issues in This Release

N/A

Info

For a list of known issues from previous releases, please refer to [Known Issues History](#).

Changes and New Features History

Note

The items listed in the table below apply to all UFM license types.

Feature	Description
Rev 6.16.0	
Syslog Streaming	Added the option for setting UFM syslog streaming facility. For more information, refer to Configuring Syslog .
Switch Cables REST API	Added the option to query specific switch cables (using Ports API).
Switch Power Information	Added support for switch and modules power usage data in UFM telemetry and REST API. For more information, refer to Devices Window and Inventory Window .
UFM Data Streaming	Added the ability to change the UFM Data streaming log facility. For more information, refer to Configuring Syslog and Configuring UFM Logging .
Kerberos Authentication	Added the ability for Kerberos authentication, a strong network authentication protocol for client-server applications. For more information, refer to Kerberos Authentication and Enabling Kerberos Authentication .
SM Settings	Changed the default maximal number of VLs to 2 (VL0 – VL1). For more information, refer to Appendix – UFM Subnet Manager Default Properties .
Cable Management	Added support for showing transceiver information for downed links. For more information, refer to Cables Window and Network Map .

Feature	Description
t	
Secondary Telemetry	Added the <code>secondary_slvl_support</code> flag and information on the default counters. For more information, refer to Secondary Telemetry .
Congestion Control	Added support for SM congestion control settings. For more information, refer to Appendix - OpenSM Configuration Files for Congestion Control .
UFM HA	Enhanced reliability and added support for setting UFM HA on LVM (Logical Volume Manager). For more information, refer to UFM High-Availability Documentation .
Plugins	Packet Mirroring Collector (PMC) Plugin: Added support for event on PF indicating a QP closing with error on any other GVMI/VF. For more information, refer to Packet Mirroring Collector (PMC) Plugin .
	PDR Deterministic Plugin: Updated instructions. For more information, refer to PDR Deterministic Plugin .
	GNMI-Telemetry Plugin: Added gNMI telemetry streaming support (supporting secured mode streaming). For more information, refer to GNMI-Telemetry Plugin .
	NDT Plugin (Subnet Merger): Added the option to validate the extended fabric using cable validation tool. For more information, refer to the NDT Plugin .
Rev 6.15.2	
UFM SM	New routing algorithm for asymmetric QFT topologies
Rev 6.15.1	
SHARP Reservation	Added support for Auto-cleanup of zombie SHARP reservations
Rev 6.15.0	
Defining Node Description	To prevent the formation of incorrect multi-NIC groups based on these default labels, this feature offers the option to establish a blacklist containing possible node descriptions that should be avoided when grouping Multi-NIC HCAs during host startup. For more information, refer to Defining Node Description Black-List .
Network Reports	Added the ability to view topology change events related to devices and links. For more information, refer to Events History , Device Status Events

Feature	Description
	and Link Status Events .
User Authentication	Introduced a new user authentication login page. For more information, refer to Azure Authentication Login Page and Enabling Azure AD Authentication .
	Added support for a separate authentication server. For more information, refer to UFM Authentication Server and Enabling UFM Authentication Server .
Secondary Telemetry	Added the ability to expose SHARP telemetry in UFM Telemetry. For more information, refer to Exposing Switch Aggregation Nodes Telemetry .
	Added the ability to stop SHARP telemetry endpoint using CLI commands. For more information, refer to Stopping Telemetry Endpoint Using CLI Command .
REST APIs	Enhanced the logging REST API by adding the ability to get event logs in JSON file format. For more information, refer to Get Events Logs in JSON Format .
	Added the ability to expose managed switch power consumption in Web UI. For more information, refer to Get Managed Switches Power Consumption .
	Added ability to filter the event logs by source. For more information, refer to Create Log History .
	Added the ability to generate enterprise network reports. For more information, refer to Events History , Device Status Events and Link Status Events .
	Introduced REST APIs for various authentication types. For more information, refer to Examples of REST APIs Using Various Authentication Types .
	Added the ability to update UFM Configuration REST API. For more information, refer to UFM Configuration REST API .
	Added the option to expose cable information. For more information, refer to Get Ports with Cable Information .
	Improved dynamic telemetry by adding the ability to instantiate a new instance and delete a running instance. For more information, refer to UFM Dynamic Telemetry Instances REST API .

Feature	Description
	Added the option to set “down” ports as unhealthy. For more information, refer to Unhealthy Ports REST API .
	Added forge InfiniBand anti-spoofing support. For more information, refer to Forge InfiniBand Anti-Spoofing REST API .
	Added the ability to expose the "site_name" field in all supported REST APIs. For more information, refer to REST API Complementary Information .
Plugins	Added support for the gNMI-Telemetry plugin that employs the gNMI protocol to stream data from UFM telemetry. In addition, added support for secure mode based on client authentication. For more information, refer to the GNMI-Telemetry Plugin .
	Added support for ALM configuration for controlling isolation/de-isolation. For more information, refer to ALM Configurations .
	REST over RDMA Plugin: Moved to Ubuntu 22-based docker container, OFED 5.8-3.0.7.0, ucx_py 0.35.0 and Python 3.10.
Supported Transceivers	Added support for FR4 transceivers
Rev 6.14.2	
Cable and Transceivers Burning	UFM supports second-source cable transceivers burn.
Module REST API	Added HW revision field in GET module REST API response.
Telemetry	Added support for the MRCS register read in UFM Telemetry.
UFM Reports	UFM Daily report will be disabled by default after upgrade or clean installation.
Rev 6.14.0	
UFM Upgrade	<p>Added support for in-service upgrade procedure for UFM HA. Refer to the following sections:</p> <ul style="list-style-type: none"> • Upgrading UFM on Bare Metal - High Availability Upgrade • Upgrading UFM Container in High Availability Mode

Feature	Description
User Authorization	Added support for user-defined roles based on REST APIs subsets. Refer to Rest Roles Access Control .
User Authentication	Added support for user authentication based on Azure Active Directory. Refer to Azure AD Authentication .
Plugins Management	Added support for loading UFM plugin to both master and standby nodes in case of UFM HA deployment. Refer to Plugin Management .
Unhealthy Ports Policy Management	Added support for unhealthy ports policy management via UFM Web UI. Refer to Health Policy Management .
REST over RDMA Plugin	Added support for remote ibdiagnet authentication. Refer to rest-rdma Plugin .
SHARP Reservation	Added support for synchronous SHARP reservation REST API (in addition to the existing asynchronous REST API). Refer to the NVIDIA SHARP REST API .
Secondary Telemetry	Added support for secondary telemetry running by default upon UFM startup, fetching NVIDIA Amber counters. Refer to Secondary Telemetry .
	Added support for down ports telemetry. Refer to Secondary Telemetry .
PCI Analysis	Added support for PCI analysis as part of UFM Fabric Analysis Report (added new events for degraded hosts PCI devices). Refer to Appendix - Supported Port Counters and Events .
UFM System Dump	Added human readable time to the dmsg de-message output as part of UFM system dump.
Factory Reset	Added support for UFM Factory Reset. Refer to UFM Factory Reset .
Rev 6.13.0	
Network Fast Recovery	Added the ability to automatically isolate a malfunctioning switch port as detected by the switch. Refer to Enabling Network Fast Recovery .

Feature	Description
Multi-Subnet UFM	Added support for multiple UFM instances, wherein multiple instances are aggregated, managed and controlled by a centralized UFM instance. Refer to Multi-Subnet UFM .
Switch ASIC Failure Detection	Added support for a new indication (UFM event) that identifies a failure of a specific switch ASIC. Refer to Configuring Partial Switch ASIC Failure Events .
UFM High-Availability Enhancements	Added support for configuring high-availability with dual-link connections to improve the high-availability robustness.
Automatic Switch Grouping	Added support for enabling automatic grouping of 1U switches by UFM, as per a pre-defined user-configured mapping. Refer to Appendix - Switch Grouping .
SHARP Trees APIs	Incorporated support for a new UFM REST API that presents the current active SHARP trees. Refer to NVIDIA SHARP Resource Allocation REST API .
SHARP Reservation APIs	Added support for SHARP Reservation API enhancements. Refer to NVIDIA SHARP Resource Allocation REST API .
Operating System Update support	Implemented functionality to support the installation and upgrade of a standalone UFM after the upgrade of operating system packages (e.g., using yum update/apt upgrade). Furthermore, upgrading operating system packages will not impact a standalone UFM installation.
Email Time-Zone Settings	Added the ability to configure time-zone settings for UFM email notifications, ensuring that sent events or daily reports align with the configured time zone. Refer to Email .
Switch Connectivity Failure Indication	Incorporated support for a new UFM event indication that identifies failed communication with a specified managed switch. Appendix - Supported Port Counters and Events
Dynamic Telemetry	Added APIs that enable the creation and management of UFM Telemetry instances, allowing users to select desired counters and ports as per their requirements. Refer to UFM Dynamic Telemetry Instances REST API.
TFS (Telemetry)	Added support for UFM telemetry data streaming from multiple endpoints to Fluent Bit. Refer to Telemetry to Fluent Streaming (TFS)

Feature	Description
Fluent Streaming) Plugin	Plugin REST API .
	Added support for enabling white/black counters lists within the TFS Plugin. Refer to Telemetry to Fluent Streaming (TFS) Plugin REST API .
DTS (DPU Telemetry) Plugin	Added support for displaying DPUs data within the UFM Web UI. Refer to DTS Plugin .
Cyber-AI Plugin	Added support for displaying Cyber-AI software within the UFM Web UI. Refer to UFM Cyber-AI Plugin .
Packet Mirroring Collector (PMC) Plugin	Added the Packet Mirroring Collector (PMC) plugin that allows users to catch and collect mirrored pFRN and congestion notifications from switches for enhanced real-time network visibility. Refer to Packet Mirroring Collector (PMC) Plugin .
SNMP Traps Listener Plugin	Added the capability to enable registration and monitoring of SNMP traps from managed switches, in addition to updating UFM with the relevant trap information. Refer to SNMP Plugin .
Bright Cluster Integration Plugin	Added support for integration of data from Bright Cluster Manager (BCM) into UFM, providing a more comprehensive network perspective. Refer to UFM Bright Cluster Integration Plugin .
UFM System Dump	UFM System Dump collection enhancement. Refer to UFM System Dump Tab.
Expanding Non-Blocking Fabric (NDT Plugin extension)	Added a feature that facilitates seamless expansion of the IB fabric, ensuring uninterrupted functionality and optimal performance throughout the fabric. Refer to NDT Format - Merger .
PDR (Packet Drop Rate) Plugin	Added a new functionality that enables automatic detection and isolation of port failures through monitoring of PDR (Packet Drop Rate), BER (Bit Error Rate), and high cable temperatures. Refer to PDR Deterministic Plugin .
Rev 6.12.0	
Managed Switches -	Added the ability to save switches inventory data into JSON format files and present the latest fetched switches data upon UFM start-up. The

Feature	Description
Sysinfo Mechanism	saved switches data is available UFM upon system dump. Refer to Appendix - Managed Switches Configuration Info Persistency
REST over RDMA Plugin	Introduced security improvements (allowed read-only options in remote ibdiagnet) and added support for Telemetry API. Refer to REST-RDMA Plugin .
Events and Notifications	Added support for indicating potential switch ASIC failure by detecting a defined percentage of unhealthy switch ports. Refer to Additional Configuration (Optional)
SHARP AM Multi-Port	Added support for detecting IB fabric interface failure and automatic failover to an alternative active port in SHARP Aggregation Manager (AM). Refer to Multi-port SM
UFM System Dump	Added support for downloading the generated UFM system dump. Refer to UFM System Dump Tab
UFM REST API	Added support for adding or removing hosts to Partition key (PKey) assignments (when adding/removing hosts, all the related host GUIDs are assigned to/removed from the PKey). Refer to Add Host REST API
	UFM System Dump Improvements including Creating New System Dump API
UFM SLURM Integration	Enhanced UFM SLURM integration; allow flexible configuration of PKey and SHARP resources usage. Refer to Appendix - UFM SLURM Integration
UFM HA	Improved UFM HA configuration by setting UFM HA nodes using IP addresses only (removed the need of using hostnames and sync interface names). Refer to Configuring UFM Docker in HA Mode and Installing UFM Server Software for High Availability .
Managed Switch Operations	Added support for persistent enablement/disablement of managed switches ports. Refer to Ports Window
UFM SDK	Created a script to get TopX data by category. Refer to UFM Aggregation TopX README.md file
Proxy Authentication	Added option to delegate authentication to a proxy. Refer to Delegate Authentication to a Proxy

Feature	Description
UFM Initial Settings	Removed the requirement to set the IPoIB address to the main IB interface used by UFM/SM (gv.cfg fabric_interface)
Port auto-isolation	Symbol BER warning does not trigger port auto-isolation, only symbol BER error
MFT Package	Integrated with MFT version 4.23.0-104
Rev 6.11.0	
UFM Discovery and Device Management	<ul style="list-style-type: none"> • InBand autoscovery of switches' IP addresses using ibdiagnet • Discovering the device's PSID and FW version using ibdiagnet by default instead of using an SM vendor plugin
CPU Affinity	Enabling the user to control CPU affinity of UFM's major processes
gRPC API	Added support for streaming UFM REST API data over gRPC as part of new UFM plugin. Refer to gRPC-Streamer Plugin
Telemetry	<ul style="list-style-type: none"> • Added support for flexible counters infrastructure (ability to change counter sets that are sampled by the UFM) • Updated the set of available counters for Telemetry (removed General counters from default view: Row BER, Effective BER and Device Temperature. Now available through the secondary telemetry instance). Refer to Secondary Telemetry
EFS UFM Plugin	Added support for streaming UFM events data to FluentD destination as part of a new UFM plugin. Refer to UFM Telemetry Fluentd Streaming (TFS) Plugin
General UI Enhancements	<ul style="list-style-type: none"> • Displayed columns of all tables are persistent per user, with the option to restore defaults. Refer to Displayed Columns • Improved look and feel in Network Map. Refer to Network Map • Added Reveal Uptime to the general tab in the devices information tabs. Refer to Device General Tab
High Availability Deployment	<ul style="list-style-type: none"> • Added support for joining a new UFM device into the HA pair without stopping the UFM HA (in case of a secondary UFM node)

Feature	Description
	<p>permanent failure). For more information, refer to Installing UFM Server Software for High Availability.</p> <ul style="list-style-type: none"> • Changed UFM HA package installation command parameters. For more information, refer to Installing UFM Server Software for High Availability.
REST APIs	Added support for PKey filtering for default session data. Refer to Get Default Monitoring Session Data by PKey Filtering .
	Added support for filtering session data by groups. Refer to Monitoring Sessions REST API .
	Added support for resting all unhealthy ports at once. Refer to Mark All Unhealthy Ports as Healthy at Once
	Added support for presenting system uptime in UFM REST API. Refer to Systems REST API .
Deployment Installation	UFM installation is now based on Conda-4.12 (or newer) for python3.9 environment and third party packages deployments.
NVIDIA SHARP Software	Updated NVIDIA SHARP software version to v3.1.1.
UFM Logical Elements	UFM Logical Elements (Environments, Logical Servers, Networks) views are deprecated and will no longer be available starting from UFM v6.12.0 (January 2023 release)
Rev 6.10.0	
System health enhancements	Add support for the periodic fabric health report, and reflected the ports' results in UFM's dashboard
UFM Plugins Management	Add support for plugin management via UFM web UI
UFM Extended Status	<ul style="list-style-type: none"> • Add support for showing UFM's current processes status (via shell script) • Added REST API for exposing UFM readiness

Feature	Description
Failover to Other Ports	Add support for SM and UFM Telemetry failover to other ports on the local machine
UFM Appliance Upgrade	Added a set of REST APIs for supporting the UFM Appliance upgrade
Configuration Audit	Add support for tracking changes made in major UFM configuration files (UFM, SM, SHARP, Telemetry)
UFM Plugins	Add support for new SDK plugins
Telemetry	Add support for statistics processing based on UFM telemetry csv format
UFM High Availability Installation	UFM high availability installation has changed and it is now based on an independent high availability package which should be deployed in addition to the UFM Enterprise standalone package. for further details about the new UFM high availability installation, please refer to - Installing UFM Server Software for High Availability

Bug Fixes History

Ref. #	Description
Rev 6.17.0	
3912 416	Description: Fixed issue with the authentication server being repeatedly restarted by the UFM health check after the default admin password is changed
	Keywords: Authentication, Server, Disable
	Discovered in Release: v6.17.0
3863 958	Description: Fixed issue where IB-IB go to INIT states due to failed UFM failover after enabling SHARP with PKeys
	Keywords: SHARP, PKey, IB-IB Link, Failover
	Discovered in Release: v6.16.0
3850 673	Description: Fixed issue where multiple ports go down simultaneously (link-downed counter increment)
	Keywords: Ports, down, simultaneous
	Discovered in Release: v6.15.1
3850 217	Description: Fixed issues with ALM plugin (disabled handling topology changes and limited the number of trials of creating dynamic telemetry sessions by configurable variables)
	Keywords: ALM Plugin
	Discovered in Release: v6.15.0
3826 544	Description: Fixed node info discovery issue
	Keywords: Node, Info, Discovery
	Discovered in Release: v6.16.0
3826 069	Description: Fixed HCA port naming convention inconsistencies in UFM WebUI
	Keywords: HCA port, Port name, WebUI

Ref. #	Description
	Discovered in Release: v6.15.2
3816 196	Description: Fixed issue where UFM creates empty PKeys by UFM Rest API
	Keywords: Empty, PKey, REST API
	Discovered in Release: v6.15.2
3811 475	Description: Fixed issue where UFM loggings REST API omits additional contents of the log when it spans over multiple lines
	Keywords: UFM Loggings, REST API, Span over, Multiple Lines
	Discovered in Release: v6.15.3
3803 527	Description: Fixed issue with Create History REST API while collecting SM Logs Error
	Keywords: Create History, SM Log Error
	Discovered in Release: v6.15.3
3752 196	Description: Fixed intermittent UFM REST API Failures
	Keywords: UFM REST API, Failures
	Discovered in Release: v6.16.0
3864 876	Description: Fixed issue with UFM events not appearing in remote syslog
	Keywords: UFM Events, Remote syslog
	Discovered in Release: v6.15.1
3809 574:	Description: Fixed WebUI issues in the "Power" column
	Keywords: WebUI, Power
	Discovered in Release: v6.16.0
3766 079	Description: Fixed issue with UFM not showing SSH user/pass tab
	Keywords: SSH, User/Pass Tab
	Discovered in Release: v6.15.0
3916 656	Description: Fixed issue with releasing lock without acquiring when handling MC join requests from unknown source.

Ref. #	Description
	Keywords: MC, lock
	Discovered in Release: v6.17.0
Rev 6.16.0	
3754	Description: Fixed issue where following the UFM HA upgrade from version 5.0.1-2 to version 5.3.1-2, the ufm_ha_cluster config command wiped the root partition
940	Keywords: UFM HA Upgrade, ufm_ha_cluster config, Root Partition, Wipe
	Discovered in Release: 6.15.2
3752	Description: Fixed intermittent UFM REST API Failures
196	Keywords: REST API, Failure
	Discovered in Release: 6.15.1
3758	Description: Fixed manage_the_unmanaged tool failure
874	Keywords: manage_the_unmanaged, Failure
	Discovered in Release: 6.15.2
3773	Description: Fixed the issue in congestion control, where cc-policy.conf file remains unchanged following the upgrade of the container version (with no changes made by the user)
902	Keywords: Congestion Control, cc-policy.conf, Upgrade, Container
	Discovered in Release: 6.16.0-4
Rev 6.15.1	
3670	Description: Monitoring endpoint not returning counters for an active interface
183	Keywords: Monitoring, Active Interface, Counters
	Discovered in release: v6.15.0
3670	Description: Inconsistent port format type returned from the UFM
182	Keywords: Inconsistent, Port, Format Type
	Discovered in release: v6.14.1
3666	Description: Port auto isolation failed to activate when a port consistently exhibited a high Symbol BER (1e-7)
944	

Ref. #	Description
	Keywords: Port Auto Isolation, Symbol BER
	Discovered in release: v6.13.1
3665	Description: The UFM REST API endpoint /ufmRest/resources/ports provide inaccurate port state information
316	Keywords: Ports REST API, Port State
	Discovered in release: v6.14.1
3604	Description: UFM Fabric Validation "CheckPortCounters" failure
194	Keywords: Fabric Validation, CheckPortCounters
	Discovered in release: v6.13.2
Rev 6.15.0	
3665	Description: UFM Web UI does not display Network Map (stuck with "please wait" message)
001	Keywords: Web UI, Network Map
	Discovered in release: v6.14.1
3644	Description: When querying the ports, adding a cable_info=true as an argument will give cable information per port
553	Keywords: Ports, Query, cable_info=true
	Discovered in release: v6.14.0
3604	Description: Broken links REST API
212	Keywords: REST API, Broken link
	Discovered in release: v6.13.2
3604	Description: UFM error UFM NOT performed OpenSM polling for fabric changes more than 230742 seconds
183	Keywords: OpenSM, UFM Error
	Discovered in release: v6.13.2-5
3604	Description: UFM Enterprise installation under Ubuntu 22.04 fails on configure_ha_nodes.sh
021	

Ref. #	Description
	Keywords: Ubuntu 22.04, Installation, configure_ha_nodes.sh
	Discovered in release: v6.14.1-5
3587	Description: OpenSM restarted when backup UFM lost power
849	Keywords: OpenSM, Restart
	Discovered in release: v6.9
3577	Description: UFM REST API returns wrong switch type for NDR unmanaged switch
427	Keywords: Unmanaged Switch, NDR, REST API
	Discovered in release: v6.13.1
3575	Description: UFM event is not generated for a switch down
882	Keywords: UFM Event, Switch Down
	Discovered in release: v6.13.1
3628	Description: UFM Web UI timezone issue when selecting Local Time
421	Keywords: Timezone, Web UI, Local Time
	Discovered in release: v6.14.1-5
3566	Description: Request for docker UFM HA support on Debian OS 10.13
193	Keywords: Docker, HA support, Debian
	Discovered in release: v6.14.1-5
3565	Description: UFM container CLI bugs
820	Keywords: CLI, Container
	Discovered in release: v6.13.2-5
Rev 6.14.0	
3590	Description: After upgrading UFM new telemetry data is not being collected and presented in UI Telemetry tab.
777	Keywords: Telemetry, Coredump
	Discovered in release: 6.14.0

Ref. #	Description
Rev 6.13.2	
3228	Description: ufm-prolog.sh failure: hostnames are not found in the fabric after reboot
893	Keywords: Hostnames; ufm-prolog.sh, reboot
	Discovered in Release: 6.10.0
3495	Description: UFM Enterprise v6.13.1 server hangs intermittently, blocking UFM REST server, and UFM GUI
692	Keywords: UFM REST, UFM GUI
	Discovered in Release: 6.13.1
N/A	Description: Reverted setGuidsForPkey APIs for supporting SHARP reservation (in case it is enabled)
	Keywords: setGuidsForPkey, SHARP Reservation
	Discovered in Release: 6.13.1
Rev 6.13.1	
3459	Description: UFM System Dump cannot be extracted from UFM 3.0 Enterprise Appliance host when running in high-availability mode.
431	Keywords: System Dump, High-Availability
	Discovered in Release: 6.12.0
3461	Description: The network fast recovery configuration (/opt/ufm/files/conf/opensm/fast_recovery.conf) is missing when UFM is deployed in Docker Container mode.
658	Keywords: Network Fast Recovery; Docker Container; Missing Configuration
	Discovered in Release: 6.12.0
3461	Description: When using the Dynamic Telemetry API to create a new telemetry instance, the log rotation mechanism will not be applied for the newly generated logs of the UFM Telemetry instance
058	Keywords: Dynamic, Telemetry, Log-rotate
	Discovered in Release: 6.13.0

Known Issues History

Ref #	Issue
Rev 6.17.0	
38593 62	Description: UFM TFS endpoint dashboard report Switch port TX/RX rate reach Tbps
	Keywords: TFS, Switch Port, TX/RX
	Workaround: N/A
	Discovered in Release: v6.15.1
38813 65	Description: Malfunctioning of the rest API when deleting port associated to a pkey
	Keywords: CloudX, API, Bare-Metal
	Workaround: N/A
	Discovered in Release: v6.15.2
38628 47	Description: UFM reports wrong cable length for NDR optical cables connected to Quantum-2 NDR switch
	Keywords: NDR, Optical Cables, Quantum-2, Switch
	Workaround: N/A
	Discovered in Release: v6.17.0
Rev 6.16.0	
37918 20	Description: Configuring the collection of SLVL on the secondary telemetry will result in SLVL data being sampled at a reduced rate.
	Keywords: SLVL, Multi-Rate, Reduced Rate
	Workaround: Edit the launch_ibdiagnet_config.ini file and restart the UFM telemetry. 1. Edit the launch_ibdiagnet_config.ini file by running the following command:

Ref #	Issue
	<pre data-bbox="363 216 1459 348">vi /opt/ufm/files/conf/secondary_telemetry_defaults/launch_ibdiagnet_config.ini</pre> <p data-bbox="363 348 1459 394">Comment the following line:</p> <pre data-bbox="363 394 1459 527">#base_freq=1</pre> <p data-bbox="326 527 1459 573">2. Restart UFM telemetry:</p> <pre data-bbox="363 573 1459 747">/etc/init.d/ufmd ufm_telemetry_stop /etc/init.d/ufmd ufm_telemetry_start</pre>
	<p data-bbox="282 806 737 840">Discovered in Release: 6.15.0</p>
37754 05	<p data-bbox="282 869 1438 957">Description: Upon UFM startup, an empty temporary folder will be created at /tmp folder every 10 minutes (due to periodic telemetry status check)</p> <p data-bbox="282 978 906 1020">Keywords: Empty folder, temporary, /tmp</p> <p data-bbox="282 1041 1448 1129">Workaround: Add 'rm -f /tmp/tmp*' to crontab to run daily or change instances_sessions_compatibility_interval parameter in gv.cfg to 30/60 minutes</p> <p data-bbox="282 1150 750 1192">Discovered in Release: v6.15.0</p>
35606 59	<p data-bbox="282 1218 1458 1306">Description: Modifying the mtu_limit parameter for [MngNetwork] in gv.cfg does not accurately reflect changes upon restarting UFM.</p> <p data-bbox="282 1327 1071 1369">Keywords: mtu_limit, MngNetwork, gv.cfg, UFM restart</p> <p data-bbox="282 1390 1458 1478">Workaround: UFM needs to be restarted twice in order for the changes to take effect.</p> <p data-bbox="282 1499 750 1541">Discovered in Release: v6.15.0</p>
37298 22	<p data-bbox="282 1566 1461 1654">Description: The Logs API temporarily returns an empty response when SM log file contains messages from both previous year (2023) and current year (2024).</p> <p data-bbox="282 1675 974 1717">Keywords: Logs API, Empty response, Logs file</p> <p data-bbox="282 1738 1445 1827">Workaround: N/A (issue will be automatically resolved after the problematic SM log file, which include messages from 2023 and 2024 years, will be rotated)</p> <p data-bbox="282 1848 750 1890">Discovered in Release: v6.15.0</p>

Ref #	Issue
36750 71	Description: UFM stops gracefully after the b2b primary cable is physically disconnected
	Keywords: UFM HA, B2B, Primary Cable Disconnection
	Workaround: N/A
	Discovered in Release: 6.14.1
N/A	Description: Execution of UFM Fabric Health Report (via UFM Web UI / REST API) will trigger ibdiagnet to use SLRG register which might cause some of the switch and HCA's firmware to stuck and cause the HCA's ports to stay at "Init" state.
	Keywords: Fabric Health Report, SLRG register, "Init" state, Switch, HCA
	Discovered in Release: 6.14.0
35386 40	Description: Fixed ALM plugin log rotate function.
	Keywords: ALM, Plugin, Log rotate
	Discovered in Release: 6.13.0
35321 91	Description: Fixed UFM hanging (database is locked) after corrective restart of UFM health.
	Keywords: Hanging, Database, Locked
	Discovered in Release: 6.13.0
35555 83	Description: Resolved REST API links' inability to return hostname for computer nodes.
	Keywords: REST API, Links, Hostname, Computer Nodes
	Discovered in Release: 6.12.1
35497 95	Description: Fixed ufm_ha_cluster status to show DRBD sync status.
	Keywords: ufm_ha_cluster, DRBD, Sync Status
	Discovered in Release: 6.13.0
35497 93	Description: Fixed UFM HA installation failure.
	Keywords: HA, Installation
	Discovered in Release: 6.13.0

Ref #	Issue
35475 17	Description: Fixed UFM logs REST API returning empty result when SM logs exist on the disk.
	Keywords: Logs, SM logs, Empty
	Discovered in Release: 6.11.0
35461 78	Description: Fixed SHARP jobs failure when SHARP reservation feature is enabled.
	Keywords: SHARP, Jobs, Reservation
	Discovered in Release: 6.13.0
35414 77	Description: Fixed UFM module temperature alerting on wrong thresholds.
	Keywords: Module Temperature, Alert Threshold
	Discovered in Release: 6.13.0
31914 19	Description: Fixed UFM default session API returning port counter values as NULL.
	Keywords: Null, Port Counter, Value, API
	Discovered in Release: 6.9.0
35606 59	Description: Fixed proper update in [MngNetwork] mtu_limit in gv.cfg when restarting UFM.
	Keywords: mtu_limit, gv.cfg, Update, UFM restart
	Discovered in Release: 6.13.1
35343 74	Description: Fixed configure_ha_nodes.sh failure when deploying UFM6.13.x HA on Ubuntu22.04.
	Keywords: configure_ha_nodes.sh, HA, Ubuntu22.04
	Discovered in Release: 6.13.0
34968 53	Description: Fixed daily report not being sent properly.
	Keywords: Daily Report, Failure
	Discovered in Release: 6.13.0
34696 39	Description: Fixed REST RDMA server failure every couple of days, causing inability to retrieve ibdiagnet data.

Ref #	Issue
	<p>Keywords: REST RDMA, ibdiagnet</p> <p>Discovered in Release: 6.12.0</p>
34557 67	<p>Description: Fixed incorrect combination of multiple devices in monitoring.</p> <p>Keywords: Monitoring, Incorrect combination</p> <p>Discovered in Release: 6.12.0</p>
35114 10	<p>Description: Collect system dump for DGX host does not work due to missing sshpass utility.</p> <p>Workaround: Install sshpass utility on the DGX.</p> <p>Keywords: System Dump, DGX, sshpass utility</p>
34323 85	<p>Description: UFM does not support HDR switch configured with hybrid split mode, where some of the ports are split and some are not.</p> <p>Workaround: UFM can properly operate when all or none of the HDR switch ports are configured as split.</p> <p>Keywords: HDR Switch, Ports, Hybrid Split Mode</p>
34723 30	<p>Description: On bare-metal high availability (HA), when initiating a UFM system dump from either the master or standby node, the collection process will not include the HA dumps (pacemaker and DRBD).</p> <p>Workaround: To extract the HA system dump from bare-metal, run the following command from the master/standby nodes:</p> <pre style="background-color: #f0f0f0; padding: 10px;">/usr/bin/vsysinfo -S all -e -f /etc/ufm/ufm-ha-sysdump.conf -O /tmp/HA_sysdump</pre> <p>The extracted HA system dump are stored in /tmp/HA_sysdump.gz.tar</p> <p>Keywords: UFM System Dump, HA, Bare-Metal</p>
34616 58	<p>Description: After the upgrade from UFM Enterprise v6.13.0 GA to UFM Enterprise v6.13.1 FUR, the network fast recovery path in opensm.conf is not automatically updated and remains with a null value (fast_recovery_conf_file (null))</p> <p>Workaround: If you wish to enable the network fast recovery feature in UFM, make sure to set the appropriate path for the current fast recovery configuration file (/opt/ufm/files/conf/opensm/fast_recovery.conf) in the opensm.conf file located at /opt/ufm/files/conf/opensm, before starting UFM.</p>

Ref #	Issue
	Keywords: Network fast recovery, Missing, Configuration
N/A	Description: Enabling a port for a managed switch fails in case that port is not disabled in a persistent way (this may occur in ports that were disabled on previous versions of UFM - prior to UFM v6.12.0)
	Workaround: Set "persistent_port_operation=false" in gv.cfg to use non-persistent (legacy) disabling or enabling of the port. UFM restart is required.
	Keywords: Disable, Enable, Port, Persistent
33463 21	Description: Failover to another port (multi-port SM) will not work as expected in case UFM was deployed as a docker container
	Workaround: Failover to another port (multi-port SM) works properly on UFM Bare-metal deployments
	Keywords: Failover to another port, Multi-port SM
33485 87	Description: Replacement of defected nodes in the HA cluster does not work when PCS version is 0.9.x
	Workaround: N/A
	Keywords: Defected Node, HA Cluster, pcs version
33367 69	Description: UFM-HA: In case the back-to-back interface is disabled or disconnected, the HA cluster will enter a split-brain state, and the "ufm_ha_cluster status" command will stop functioning properly.
	Workaround: To resolve the issue: <ol style="list-style-type: none"> 1. Connect or enable the back-to-back interface 2. Run <pre>pcs cluster start --all</pre> 3. Follow instructions in Split-Brain Recovery in HA Installation.
	Keywords: HA, Back-to-back Interface
33611 60	Description: Upgrading UFM Enterprise from versions 6.8.0, 6.9.0 and 6.10.0 results in cleanup of UFM historical telemetry database (due to schema change). This means that the new telemetry data will be stored based on the new schema.

Ref #	Issue
	<p>Workaround: To preserve the historical telemetry database data while upgrading from UFM version 6.8.0, 6.9.0 and 6.10.0, perform the upgrade in two phases. First, upgrade to UFM v6.11.0, and then upgrade to the latest UFM version (UFM v6.12.0 or newer). It is important to note that the upgrade process may take longer depending on the size of the historical telemetry database.</p> <p>Keywords: UFM Historical Telemetry Database, Cleanup, Upgrade</p>
33463 21	<p>Description: In some cases, when multiport SM is configured in UFM, a failover to the secondary node might be triggered instead of failover to the local available port</p> <p>Workaround: N/A</p> <p>Keywords: Multiport SM, Failover, Secondary port</p>
32406 64	<p>Description: This software release does not support upgrading the UFM Enterprise version from the latest GA version (v6.11.0). UFM upgrade is supported in UFM Enterprise v6.9.0 and v6.10.0.</p> <p>Workaround: N/A</p> <p>Keywords: UFM Upgrade</p>
32423 32	<p>Description: Upgrading MLNX_OFED uninstalls UFM</p> <p>Workaround: Upgrade UFM to a newer version (v6.11.0 or newer), then upgrade MLNX_OFED</p> <p>Keywords: MLNX_OFED, Uninstall, UFM</p>
32373 53	<p>Description: Upgrading from UFM v6.10 removes MLNX_OFED crucial packages</p> <p>Workaround: Reinstall MLNX_OFED/UFM</p> <p>Keywords: MLNX_OFED, Upgrade, Packages</p>
N/A	<p>Description: Running UFM software with external UFM-SM is no longer supported</p> <p>Workaround: N/A</p> <p>Keywords: External UFM-SM</p>
31447 32	<p>Description: By default, a managed Ubuntu 22 host will not be able to send system dump (sysdump) to a remote host as it does not include the sshpass</p>

Ref #	Issue
	<p>utility.</p> <p>Workaround: In order to allow the UFM to generate system dump from a managed Ubuntu 22 host, install the sshpass utility prior to system dump generation.</p> <p>Keywords: Ubuntu 22, sysdump, sshpass</p>
3129490	<p>Description: HA uninstall procedure might get stuck on Ubuntu 20.04 due to multipath daemon running on the host.</p> <p>Workaround: Stop the multipath daemon before running the HA uninstall script on Ubuntu 20.04.</p> <p>Keywords: HA uninstall, multipath daemon, Ubuntu 20.04</p>
3147196	<p>Description: Running the upgrade procedure on bare metal Ubuntu 18.04 in HA mode might fail.</p> <p>Workaround: For instructions on how to apply the upgrade for bare metal Ubuntu 18.04, refer to High Availability Upgrade for Ubuntu 18.04 .</p> <p>Keywords: Upgrade, Ubuntu 18.04, Docker Container, failure</p>
3145058	<p>Description: Running upgrade procedure on UFM Docker Container in HA mode might fail.</p> <p>Workaround: For instructions on how to apply the upgrade for UFM Docker Container in HA, refer to Upgrade Container Procedure.</p> <p>Keywords: Upgrade, Docker Container, failure</p>
3061449	<p>Description: Upon upgrade of UFM all telemetry configurations will be overridden with the new telemetry configuration of the new UFM version.</p> <p>Workaround: If the telemetry configuration is set manually, the user should set up the configuration after upgrading the UFM for the changes to take effect. Telemetry manual configuration should be set on the following telemetry configuration file right after UFM upgrade: /opt/ufm/conf/telemetry_defaults/launch_ibdiagnet_config.ini.</p> <p>Keywords: Telemetry, configuration, upgrade, override.</p>
3053455	<p>Description: UFM “Set Node Description” action for unmanaged switches is not supported for Ubuntu18 deployments</p> <p>Workaround: N/A</p>

Ref #	Issue
	Keywords: Set Node Description, Ubuntu18
30534 55	Description: UFM Installations are not supported on RHEL8.X or CentOS8.X
	Workaround: N/A
	Keywords: Install, RHEL8, CentOS8
30526 60	Description: UFM monitoring mode is not working
	Workaround: In order to make UFM work in monitoring mode, please edit telemetry configuration file: /opt/ufm/conf/telemetry_defaults/launch_ibdiagnet_config.ini Search for arg_12 and set empty value: arg_12= Restarting the UFM will run the UFM in monitoring mode. Before starting the UFM make sure to set: monitoring_mode = yes in gv.cfg
	Keywords: Monitoring, mode
30543 40	Description: Setting non-existing log directory will fail UFM to start
	Workaround: Make sure to set a valid (existing) log directory when setting this parameter (gv.cfgàlog_dir)
	Keywords: Log, Dir, fail, start

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