

GigaVUE-OS, GigaVUE-FM, and GigaVUE® Cloud Suite Release Notes 6.12.xx

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Change Notes

Date	Revision	Change
08/25/2026	8.0	This version of the Release Notes includes updates and additions made for the 6.12.03 GA.
08/10/2026	7.0	This version of the Release Notes includes updates and additions made for the 6.12.06 GA. Refer to: New Features in 6.12.06
06/30/2026	6.0	This version of the Release Notes includes updates and additions made for the 6.12.05 GA. Refer to: • New Features in 6.12.05 • Resolved in 6.12.05
05/07/2026	5.0	This version of the Release Notes includes updates and additions made for the 6.12.04 GA. Refer to: • New Features in 6.12.04 • Resolved in 6.12.04
03/11/2026	4.0	This version of the Release Notes includes updates and additions made for the 6.12.03 GA. Refer to: • New Features in 6.12.03
02/17/2026	3.1	Resolved issues related to invalid or non-functional links.
02/10/2026	3.0	This version of the Release Notes includes updates and additions made for the 6.12.02 GA. Refer to: • New Features in 6.12.02 • Resolved in 6.12.02
02/17/2026	2.1	Resolved issues related to invalid or non-functional links.
12/19/2025	2.0	This version of the Release Notes includes updates and additions made for the 6.12.01 GA. Refer to: • New Features in 6.12.01 • Resolved in 6.12.01
02/17/2026	1.2	Resolved issues related to invalid or non-functional links.
01/29/2026	1.1	Added the "QSB-523", "QSB-524" in the Transceivers .
10/27/2025	1.0	The original release of this document with version 6.12 GA.

Introduction

These Release Notes describe the new features and enhancements, resolved issues, and known issues for GigaVUE® software version 6.12.03, including:

Product	Summary
GigaVUE-FM	With a web-based interface, GigaVUE-FM provides high-level visibility, reporting, and management of both the physical and virtual traffic visibility nodes that form the deep observability pipeline.
G-TAP A Series 2	Securely manageable active network TAPs that mirror network traffic and utilize the "Always-On" architecture.
GigaVUE HC Series and TA Series Visibility Fabric™ Nodes	With a powerful command-line interface (CLI), the physical GigaVUE-HC Series and GigaVUE TA Series appliances can replicate, filter, optimize and selectively forward network traffic to monitoring, management, and security tools. GigaVUE-OS can be used in conjunction with GigaVUE-FM to provide extended visibility fabric management and reporting capabilities.
GigaVUE Cloud Suite	The GigaVUE Cloud Suite provides consistent visibility into data in motion in cloud-based environments such as AWS, Azure, Google Cloud Platform, Kubernetes, Nutanix, OpenStack and VMware. The GigaVUE Cloud Suite extends GigaVUE traffic distribution principles to containerized and virtualized environments, allowing users to filter, monitor, optimize and forward traffic in private and public clouds environments to monitoring and analysis tools.
GigaSMART®	GigaSMART consists of a number intelligent traffic handling and processing applications and capabilities for the purpose of optimizing and transforming acquired network traffic as needed. GigaSMART provides these extended capabilities on top of the base GigaVUE-OS and GigaVUE Cloud Suite functionality.

To learn more about GigaVUE-OS, GigaVUE Fabric Manager (GigaVUE-FM), TA Series, GigaVUE HC Series, GigaVUE Cloud Suite, and other products, visit www.gigamon.com.

Release Notes 6.12.06 GigaVUE-FM

GigaVUE 6.12.06 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.06

Product Area	Feature Summary
GigaVUE-FM	SFTP Support for External Image Server: GigaVUE FM adds direct SFTP support for External Image Server in the UI, giving you more flexibility for image fetch and upgrade workflows. Previously, the UI workflow expected SCP and could fail when used with SFTP-only servers. With this enhancement, you can now use SFTP directly in the FM UI for external image server operations. Refer to Upgrade GigaVUE-FM from UI .

Release Notes 6.12.05 GigaVUE-FM

GigaVUE 6.12.05 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.05

Product Area	Feature Summary
Gigamon Insights	Optimized AI Query Performance for Splunk and Elasticsearch Enhanced prompt configurations enable more precise query generation, reducing errors and improving execution efficiency. The updated prompts enforce runtime field usage in ES QL queries, preventing mapping path mismatches that can cause incorrect or failed query execution. These improvements increase the reliability and quality of AI-generated queries within the Data Correlation workflow.

Release Notes 6.12.04 GigaVUE-FM

GigaVUE 6.12.04 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.04

Product Area	Feature Summary
Gigamon Insights	Support for AMI CEF Metadata Ingestion in Splunk and Elastic Gigamon Insights now supports analyzing AMI metadata delivered in CEF format directly in Splunk and Elastic, in addition to the existing AMX JSON ingestion path. This enables you to reuse existing AMI CEF pipelines without retooling, while gaining the same AI-powered Security, Network, and Application insights available for JSON data. Gigamon Insights delivers consistent results across both CEF and JSON ingestion paths, with access to prebuilt insights such as port and protocol mismatch detection, beaconing analysis, authentication anomalies, and application performance monitoring helping you achieve faster time to value with lower deployment friction.

Release Notes 6.12.03 GigaVUE-OS

GigaVUE 6.12.03 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

Release Notes 6.12.03 GigaVUE-FM

GigaVUE 6.12.03 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.03

Product Area	Feature Summary
GigaVUE-FM	GigaVUE-FM Copilot Support NOTE: GigaVUE-FM Copilot is released as a Limited Availability (LA) feature, providing you with the opportunity to evaluate its capabilities before its General Availability (GA) release. For access to LA software please contact your Gigamon account team or file a support case and ensure you have reviewed the LA Terms and Conditions. You can file support cases with Gigamon support during the LA period and provide feedback to Gigamon on your experience with GigaVUE-FM Copilot. GigaVUE-FM Copilot is an AI-powered conversational assistant integrated directly into GigaVUE-FM. With GigaVUE-FM Copilot, you can: • Get accurate answers directly sourced from Gigamon product documentation and GigaVUE-FM. • Streamline deployment and daily operations with step-by-step configuration and troubleshooting guidance. • Access both CLI and GUI instructions tailored to your needs. • Receive secure, role-based responses—administrators get configuration-aware information; others receive documentation-only answers. • Summarize system health and status to highlight the most relevant details for your GigaVUE-FM managed deployment. This release of GigaVUE-FM includes support for connecting to GigaVUE-FM Copilot, which is deployed as a separate appliance. Refer to GigaVUE-FM Copilot.
Gigamon Insights	NOTE: Gigamon Insights is released as a Limited Availability (LA) feature, providing you with the opportunity to evaluate its capabilities before its General Availability (GA) release. For access to LA software please contact your Gigamon account team or file a support case and ensure you have reviewed the LA Terms and Conditions. You can file support cases with Gigamon support during the LA period and provide feedback to Gigamon on your experience with Gigamon Insights. Gigamon Insights is a generative AI application that provides immediate, actionable, network-centric answers to both technical and business questions. Instead of relying on static dashboards and manual queries, you can ask questions in plain language and receive deep, context-driven responses. It uses: • Gigamon Application Metadata Intelligence (AMI) and AMX metadata as its primary data source. • A curated prompt library for common Security, Network and Application Insights use cases. • Model Context Protocol (MCP) integrations with Elastic and Splunk customer tools.

Product Area	Feature Summary
	Third-party Large Language Models (LLMs) (Anthropic Claude Sonnet and Google Gemini) configured through GigaVUE-FM. Refer to Gigamon Insights.

Release Notes 6.12.02 GigaVUE-OS

GigaVUE 6.12.02 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

Announcements and Deprecation Notices

- Support for Entrust/nCipher HSM:** Support for Entrust/nCipher HSM is going under a redesign and as a result being temporarily removed from GigaVUE-OS and GigaVUE-FM. This change affects Gen2 DSSL HSMs (nCipher v1.0) and Gen3 HSMs using nCipher 12.6 (nshield_12_60) support. Thales Luna HSM support on Gen3 devices remains unaffected by this change.

NOTE: Upgrades from versions 6.13.00 or lower to 6.13.01, and from versions 6.12.01 or lower to 6.12.02, will be blocked if any Entrust/nCipher HSM configuration is present. Refer to [GigaVUE-FM Upgrade](#).

- GigaVUE-HC3GigaSMART Gen2 Card last supported Software version is 6.12.x. Removed the support for the Gen2 card (SMT-HC3-C05 and SMT-HC3-C05-HW) from release 6.13.

Release Notes 6.12.02 GigaVUE Cloud Suite

GigaVUE 6.12.02 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

Release Notes 6.12.02 GigaVUE-FM

GigaVUE 6.12.02 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.02

Product Area	Feature Summary
GigaVUE-FM	Configurable SSH and TLS Ciphers User-selectable SSH and TLS security controls have been added for GigaVUE-FM. Administrators can now configure supported TLS protocol versions and cipher suites, enabling alignment with strict enterprise and financial-institution security policies. Refer to : Enable Cipher .

Release Notes 6.12.01 GigaVUE Cloud Suite

GigaVUE 6.12.01 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.1.2.01

Product Area	Feature Summary
Cloud Suite	Azure support for IL6 GigaVUE-FM now supports integration with Azure Secret and Top Secret regions, allowing you to configure custom environments and regions. This update enables you to set up custom Azure service endpoints, add new regions, and import custom CA certificates for secure connectivity to classified regions. These enhancements provide greater flexibility, compliance, and secure access for high-security Azure environments. Refer to the Configure Custom Settings for Azure Secret and Top Secret Regions.

Release Notes 6.12.01 GigaVUE-FM and GigaVUE Cloud Suite

GigaVUE 6.12.01 Software offers resolved and known issues. Refer to [View Known and Resolved Issues in the Community Portal](#).

New Features in 6.12.01

Product Area	Feature Summary
Cloud Suite	Azure support for IL6 GigaVUE-FM now supports integration with Azure Secret and Top Secret regions, allowing you to configure custom environments and regions. This update enables you to set up custom Azure service endpoints, add new regions, and import custom CA certificates for secure connectivity to classified regions. These enhancements provide greater flexibility, compliance, and secure access for high-security Azure environments. Refer to the Configure Custom Settings for Azure Secret and Top Secret Regions.

Release 6.12.00 GigaVUE-OS, GigaVUE-FM and GigaVUE-Cloud-Suite

GigaVUE 6.12.00 Software offers usability improvements, resolved issues, and the new capabilities described below.

Online Documentation

- For the complete online documentation for this release, visit the [GigaVUE 6.12.03 Online Documentation](#). No login required.
- View [What's New](#) in the online documentation to access quick links to topics for each of the new features.
- The [API Reference Guide](#) is now available online including APIs and sample output and examples for GigaVUE-FM APIs as well as Ansible examples provided using the same accessible reference style.

New Features in 6.12.00

Product Area	Feature Summary
Cloud Suite	GEM for Cloud Workloads (Kubernetes Containers) This feature introduces support for Azure Kubernetes Containers. The Application Metadata Exporter (AMX) now enriches metadata with details from managed Kubernetes services, including Service Name, Pod Name, Namespace, Container Name, Tags, and more. This enhancement gives CloudOps, DevOps, and SecOps teams deeper situational awareness for monitoring performance, security, and compliance. Refer to Application Metadata Exporter.
	Support for Traffic Acquisition using Inline V Series Introducing support for a new inline tapping method, enabling GigaVUE V Series Nodes to operate in inline mode, launched and scaled by the platform using Third Party Orchestration. You can deploy the GigaVUE V Series Nodes in single or two-tier setups, with first-tier nodes tapping and load-balancing traffic to second-tier nodes for processing, filtering, and forwarding to tools. Additionally, you can group multiple GigaVUE V Series Nodes into "Node Groups" and configure multiple Monitoring Sessions within a single UI canvas, enhancing efficiency, reliability, and ease of traffic monitoring. Supported Platforms: AWS, Azure. Refer to: • Inline V Series (AWS) • Inline V Series (Azure)
	UCT-C Istio Envoy support Istio Envoy service mesh now supports Kubernetes and OpenShift environments. Clients can send unencrypted mirrored traffic to tools by tapping into mTLS-enabled connections between pods. The Sidecar Envoy methodology using either the LO interface or eBPF precryption facilitates this process. Mirrored traffic reaches the V Series securely through an encrypted tunnel, with GigaVUE-FM automating the flow, like other UCT-C mirrored traffic setups. Refer to: • Configure UCT-C Solution using GigaVUE-FM • Analytics Dashboard for UCT-C
	GigaVUE-FM High Availability Support in Cloud Platforms This feature provides high availability support for GigaVUE-FM in cloud environments. It allows GigaVUE-FM nodes to form a cluster, ensuring continuous availability and reliability. The feature supports both public and private cloud platforms, including AWS, Azure, GCP, VMware ESXi, NSX-T, OpenStack, and Nutanix. It requires network connectivity with less than 200ms latency, the same software version across nodes, and an GigaVUE-FM Prime license. The feature also

Product Area	Feature Summary
	supports external communication using private or public IP addresses, with the ability to update external IP configurations. Refer to High Availability for Cloud Infrastructure.
	Exclude Tool Instances from Identified List of Targets in AWS VPC Mirroring Tapping This feature addresses the issue of traffic loops caused by tool instances being mistakenly identified as monitoring targets. This feature allows users to exclude tool instances from Automatic Target Selection (ATS) using a tag-based method or an exclusion map, ensuring that only relevant traffic is monitored. This prevents unnecessary resource consumption and enhances monitoring accuracy. Currently, the feature is supported on AWS. Refer to: • Configure Monitoring Session Options (AWS) - Tool Exclusion • Deploy Monitoring Session (AWS) - Tool Exclusion
	GCB now supports up to 128 policy rules (each with two filters), doubling the previous limit. This enhancement increases capacity to address large scale deployment challenges. The user interface remains unchanged, but both GigaVUE-FM and API interfaces now support 128 rules, each with two filters. Refer to Configuration of GCB Diameter Traffic Processing
	Traffic Mirroring Support for Nutanix with V Series 2 GigaVUE-FM now supports traffic mirroring in Nutanix environments using network function chaining with V Series 2. A V Series node is deployed on each Nutanix host with monitored VMs. This feature operates on the underlay network only and is not supported within Nutanix VPCs. Refer to Upgrade GigaVUE V Series Node in GigaVUE-FM for Nutanix
	5G Cloud: Nokia HEP3 Support for Non-SBI Traffic The 5G Cloud application now supports Nokia's HEP3 format, enabling non-SBI traffic processing over mTLS from IMS core functions. Two VMs manage orchestration and handle HEP3 over TCP, ensuring compatibility with VMware ESXi and OpenStack. Refer to 5G Cloud Nokia HEP3 Support (Non-SBI)
GigaVUE-FM Core	Restricted Access to CLI for GigaVUE-FM Access to the Linux shell prompt is now restricted and will be removed in a future release. When you log into the GigaVUE-FM CLI, you can view the fmctl command prompt instead of a bash shell. To access the bash shell, use the shell command. In the future, access to bash through the shell command needs Gigamon support. Refer to Logging in to GigaVUE-FM Command Line Interface.
	GigaVUE-FM Session Security Enhancements with Cookie Validation

Product Area	Feature Summary
	This release introduces session management improvements to strengthen GigaVUE-FM security: • Session Cookie Validation: GigaVUE-FM now validates session cookies against the database to ensure they are active and legitimate. • Idle Timeout Enforcement: Sessions are automatically invalidated after inactivity, reducing the risk of unauthorized access from unattended sessions. • Session TTL (Time-To-Live): Sessions are also terminated once their maximum lifespan is reached, regardless of activity, ensuring tighter control over session duration. • Maximum Sessions: You can open 1 to 10 sessions concurrently in GigaVUE-FM. If you exceed this limit, GigaVUE-FM displays a screen with a message stating that you have reached the maximum number of sessions. These enhancements help to prevent stale sessions from persisting, aligning with best practices for secure session handling. Refer to Preferences Updates Rate Limiting on API Endpoints in GigaVUE-FM • API Request Limit (Number of Request: Setting the API Request Limit above 5000 and a minimum value of 200 negatively affects GigaVUE-FM performance. It is recommended to enter a value more than 201 and less than 5000. • API Limit Period: Set the API limit duration from 30 to 60 Seconds. Refer to Preferences Updates Disabling Basic authentication in GigaVUE-FM When you first install GigaVUE-FM, the Basic Authentication option is disabled by default to enhance security. You can enable it manually if required. However, when you upgrade GigaVUE-FM, Basic Authentication is automatically enabled during an upgrade, only if it was enabled in the previous GigaVUE-FM version. Refer to Authentication Type FIPS 140-3 Compliance in GigaVUE-FM GigaVUE-FM now supports FIPS 140-3, the latest and most rigorous cryptographic standard validated by the National Institute of Standards and Technology (NIST). This update replaces the earlier FIPS 140-2 certification and ensures continued adherence to United States (U.S.) government security requirements for cryptographic modules. Refer to FIPS Compliance in GigaVUE-FM
GigaSMART	Artificial Intelligence (AI) Traffic Intelligence Application Intelligence includes support for 14 new AI apps. Overall, it allows monitoring usage of 30+ widely used AI apps for Governance, Risk and Compliance (GRC). You can access the Application Protobook from the GigaVUE-FM in the following ways:

Product Area	Feature Summary
	- On the left navigation pane, click Settings > Support > App Protobook. OR - Go to admin > App Protobook.
	GigaSMART Rotational Sampling for Fixed Wireless Access subscribers. GigaSMART Rotational Sampling now offers enhanced network visibility by enabling Dynamic Session Sampling of sessions specifically for Fixed Wireless Access subscribers. A new flag in the map rule allows sampling to be restricted to IMSIs within the current sampling window. This guarantees that only active subscribers during the specified period are included, resulting in more accurate and adaptive sampling of Fixed Wireless Access traffic. This feature is supported in GigaVUE-HC3 Gen 3 and GigaVUE-HC1-Plus Front & Rear in Non-CUPS LTE (Non-CUPS GTP application). It is not supported by Control Plane Nodes. Refer to GigaSMART Rotational Sampling
	FIPS 140-3 Certification Support in GigaVUE-H Series Secure Tunnel The FIPS 140-3 H-Series Secure Tunnel feature enables secure tunnel applications on the Gen3 platform to use FIPS-validated SafeLogic cryptographic modules with OpenSSL 3.5, ensuring compliance with government security standards and supporting only the TLS 1.3 protocol with the TLS_AES_128_GCM_SHA256 cipher. Refer to FIPS Compliance in GigaVUE-OS.
	Enhanced TCP Insights in Application Metadata Intelligence. Application Metadata Intelligence provides enriched TCP insights for monitoring and troubleshooting bandwidth usage, buffer utilization and connection liveness. The enriched insights include support for Maximum Segment Size (MSS), Window Size, Zero Window and Zero Window Probe and Acknowledgment. The above attributes can be exported in IPFIX and CEF formats.. This feature is supported on Gen3 GigaSMART and GigaVUE V Series. Refer to: Create NetFlow Session for Physical Environment Attributes for GigaVUE Enriched Metadata for Mobile Networks
	Post-Quantum Cryptography (PQC) and Quantum-Resilient Cryptography (QRC) Support for Inline TLS/SSL Decryption This release adds support for NIST-approved Post-Quantum Cryptography (PQC) algorithms—ML-KEM, ML-DSA to Inline TLS/SSL Decryption solution. The feature enables quantum-safe key exchange and digital signatures, ensuring secure, encrypted traffic inspection against future quantum threats. Refer to: Supportability and Compatibility for Inline TLS/SSL Decryption apps keystore

Product Area	Feature Summary
	Auto-discover AMI/NetFlow exporter using SNMP The AMI exporter configuration on Gen3 GigaSMARTmodule supports SNMP (Simple Network Management Protocol) on its IP interface, enabling NPM/APM tools to automatically discover and manage it as a data source. It is compatible with SNMP v1, v2c, and v3 on Gen3 platforms. By default, SNMP processing is disabled and must be enabled through the GigaVUE-FM. The feature is not available on GigaVUE V Series platforms. Refer to: • Create Application Metadata Intelligence for Physical Environment • apps metadata exporter
GigaVUE-OS	Configure Password Complexity Settings Secure Passwords mode can now be enabled from the Settings > Global Settings > Security, enforcing strong password requirements for all users. Passwords must contain at least 8 and up to a maximum of 64 characters long and include uppercase, lowercase, numeric, and special characters. Additionally, when resetting a password, the new password must differ from the previous one by at least eight characters. Refer to Configure Secure Password and System (Security Passwords)
	Enhanced Fabric Map Scalability To enhance Fabric Map scalability, the maximum number of supported 3999 circuit IDs is based on the available internal VLAN resources in GigaVUE-OS 6.12 and above. This upgrade enables larger and more complex fabric map deployments. It supports advanced topologies without requiring changes to Fabric Manager. You can create up to 1024 fabric maps between two clusters or standalone nodes. Refer to Circuit-ID Tunnels—Rules and Notes
	Improved System Health Monitoring with Disk Activity Insights You can now view disk activity, which provides visibility into read/write operations and disk utilization patterns. It helps you identify abnormal disk activity early, such as excessive logging or unplanned read/write spikes, allowing you to take preventive actions and maintain overall system stability. Refer to system-health
	Inline Bypass Support for GigaVUE-HC1-Plus Introducing inline bypass support for the GigaVUE-HC1-Plus platform, enabling customers to deploy traditional inline network and security architectures seamlessly on GigaVUE-HC1-Plus. Refer to Inline Bypass Solutions Enhanced Visibility into VLAN Resource Utilization Gain deeper insights into how VLAN resources are consumed across

Product Area	Feature Summary
	different features. You can now view the overall VLAN resource usage and feature-wise allocation through the GigaVUE-OS CLI and GigaVUE-FM. With visibility into VLAN usage, you can proactively optimize feature enablement and solution deployments based on available VLAN capacity, ensuring better resource utilization and system performance. Refer to: • show • VLAN Resources
Hardware	DC Cable Specification for Australia/New Zealand Compliance The DC power cable, PCD-00051, complies with the AS/NZS 5000 and AS/NZS 3015 standards applicable in Australia and New Zealand region. This specification supports the following platforms: GigaVUE-TA25, GigaVUE-TA200, GigaVUE-HC1, and GigaVUE-HC1-Plus(with D-SUB power connector type). Refer to Regional Compliance (Australia and New Zealand Standards)
	Support for New Bidi Optics We have introduced new 40Gb BiDi optics modules, QSB-504 (full duplex), 40/100Gb BiDi optics modules, QSB-523 (Rx), and 40/100Gb BiDi optics modules, QSB-524 (Rx/Tx - full duplex) to expand our high-speed optical connectivity options, supporting 40G BiDi fabric interconnect use case. • For details about the QSB-504, QSB-523, QSB-524 optics, refer to Transceivers. • For the supported platforms and GigaVUE-OS versions, refer to Compatibility and Interoperability Matrix.

View Known and Resolved Issues in the Community Portal

Use the Known and Resolved Issues page in the Gigamon Community Portal to review the health of a release before you upgrade. This page lists:

- Open issues (known issues)
- Fixed issues
- Security fixes

The data is sourced directly from Gigamon's issue-tracking system and is always up to date. You must sign in to the Community Portal to view this information.

Before you begin

- Make sure you have a valid Community Portal account.
- Access is limited to signed-in customers and partners.

Access the Known and Resolved Issues page

1. Open a web browser and sign in to the Gigamon Community Portal.
2. From the top menu, select: **More > Software & Release Notes > Known & Resolved Issues**

The page displays the full list of issues.

Filter the list

Use the filters at the top of the page to narrow results by Status, Bug ID, Component, and Releases.

Common filter scenarios

- View known issues for a release
 - Set Status to Open
 - Select the required version in Releases
- View fixed issues for a release
 - Select the required values in Status and Releases
- View security fixes
 - Set Component to infosec
 - Select the required version in Releases

Interpret the results

Each row represents one issue.

- If Fixed Version shows a version, the issue is fixed in that release.
- If Fixed Version is blank, the issue is still open.

Notes

- Use this page during upgrade planning to assess risk.
- Check both open and fixed issues to understand release stability.

Installation and Upgrade

Complete installation and upgrade instructions can be found in the respective release specific product documentation here:

<https://docs.gigamon.com/pdfs/Content/Documentation-downloads.html>. This section provides additional advice that is important to know before installing or that is specific to this release.

Installation and Upgrade Documentation

Product	Reference	Includes
GigaVUE-OS	<i>GigaVUE-OS Upgrade Guide</i>	Instructions for installing the bootloader and upgrading all GigaVUE HC Series and GigaVUE TA Series visibility nodes and certified traffic aggregation commercial off-the-shelf (COTS) boxes, as standalone nodes or clusters.
GigaVUE-FM	<i>GigaVUE-FM Installation and Upgrade Guide</i>	Instructions to install GigaVUE-FM on VMware ESXi, MS Hyper-V, AWS, Azure, OpenStack, Kubernetes, Nutanix and KVM.
GigaVUE Fabric Components	GigaVUE-FM Installation and Upgrade Guide	Instructions to install and upgrade the GigaVUE fabric components.

GigaVUE-OS Upgrade

To upgrade GigaVUE-OS, the recommended procedure is to back-up your settings on each node and perform the pre-upgrade checks (default admin password, the maximum number of images, U-Boot version, and Coreboot version) before installing the image. The upgrade path from previous versions of the GigaVUE-OS varies depending on the current OS version and node type. It is recommended that you plan your upgrade before performing any upgrade steps.

Support for SHA1

SHA1 support has been removed from 5.13.xx to improve security.

Rules and Notes

The following rules and notes must be considered while upgrading:

- **6.2.00.04:** Software version 6.2.xx is replaced with 6.2.00.04.
- **6.1.01.04:** Software version 6.1.01 is replaced with 6.1.01.04.
- GigaVUE-HCT is supported from 6.5.00.
- Before you upgrade to version 6.11 on a FIPS-enabled device, complete the following steps to ensure a successful upgrade:
 - Delete all Inline SSL (iSSL) configurations and the keystore before the upgrade. After the upgrade, reconfigure the Gen 3 GigaSMART module.
 - Remove all HSM and HSM Groups, including nCipher and Luna, from the device.

- Delete all Inline SSL (iSSL) configurations for Gen 2 GigaSMART modules, since they do not support FIPS 140-3. If you require Inline SSL on GigaVUE-HC1 or GigaVUE-HC3 devices, add a Gen 3 GigaSMART card.
- Remove SNMPv3 configurations that use the MD5 authentication protocol because FIPS 140-3 does not support MD5 algorithms.
- If you don't complete all required steps before upgrading, the upgrade will fail. The system will automatically revert to the previous version.
- If you are installing the SMT-HC1-S module in a GigaVUE-HC1 Chassis, use the recommended upgrade path specific to this module. Refer to *SMT-HC1-S (Gen 3 GigaSMART Card)* in GigaVUE-HC1 Hardware Installation Guide, for details.
- **If upgrading from GigaVUE-OS versions lower than 6.0:** Refer to the "Supported Upgrade Path—Standalone Nodes" section in the GigaVUE-OS Upgrade Guide that is specific to the release.
- **If upgrading from GigaVUE-OS versions lower than 5.5.xx:** While upgrading from any GigaVUE-OS version lower than v5.5.xx, an association of more than one vport to the same GigaSMART group needs to be removed for any existing GTP GigaSMART operation.
- **If upgrading from GigaVUE-FM versions lower than 5.10.01:** The size of the GigaVUE-OS image for GigaVUE-HC1 increased in 5.10.01. Upgrading directly from a pre-5.9 release to 5.10.01 or above is not supported. The following upgrade path is recommended: 5.9.00.04 or 5.9.01 → 5.10.01.
- You cannot upgrade GigaVUE-HC2 nodes beyond v6.5.xx.

Table 1: GigaVUE-OS Upgrade Summary table

To upgrade to 6.12.03 from...	Use the recommended upgrade path for the device...
	GigaVUE HC Series, GigaVUE TA Series, and G-TAP A Series 2
v6.11.xx	6.11.xx ► 6.12.02 ► 6.12.03
v6.10.xx	6.10.xx ► 6.12.03
v6.9.xx	6.9.xx ► 6.12.03
v6.8.xx	6.8.xx ► 6.9.xx ► 6.12.03
v6.7.xx	6.7.xx ► 6.9.xx ► 6.12.03
v6.6.xx	6.6.xx ► 6.9.xx ► 6.12.03
v6.5.xx	6.5.xx ► 6.9.xx ► 6.12.03
v6.4.xx	6.4.xx ► 6.5.xx ► 6.9.xx ► 6.12.03

To upgrade to 6.12.03 from...	Use the recommended upgrade path for the device...
	GigaVUE HC Series, GigaVUE TA Series, and G-TAP A Series 2
v6.3.xx	6.3.xx ► 6.5.xx ► 6.9.xx ► 6.12.03
v6.2.00.04	6.2.00.04 ► 6.5.xx ► 6.9.xx ► 6.12.03
v6.1.xx	6.1.xx ► 6.5.xx ► 6.9.xx ► 6.12.03

GigaVUE-FM Installation

For documentation:

- Refer to the GigaVUE-FM Installation and Upgrade Guide for the procedures or search for “GigaVUE-FM Installation and Upgrade” from the [Gigamon Community](#) or the [Online Documentation Library](#).
- If you are deploying a GigaVUE-FM Hardware Appliance 2.0, for the initial configuration of iDRAC9, refer to [Dell PowerEdge - How to configure the iDRAC9 and the LifeCycle Controller Network IP](#).

Credentials for Admin Account for New Deployments

During new installations of GigaVUE-FM, you will be forced to create a new password that meets the password criteria. The default password, ‘admin123A!!’, can no longer be used after the first login.

GigaVUE-FM Upgrade

To upgrade GigaVUE-FM, the recommended procedure is to back up your current configuration and perform the pre-upgrade checks (memory requirements, the maximum number of images) before installing the image. You can upgrade via the GigaVUE-FM UI or GigaVUE-OS CLI. It is recommended that you plan your upgrade before performing any upgrade steps.

Rules and Notes

- IMPORTANT:** Intent-Based Orchestration (IBO) Policies are removed when upgrading from any pre-5.11 version of GigaVUE-FM to version 5.11.00 or above. IBO Policies will need to be recreated after upgrading to 5.11.00 or above. (Ref: FM-33169)
- BEST PRACTICES:**
 - Before performing an upgrade, in addition to taking a backup of GigaVUE-FM, also take a Sysdump, which provides valuable configuration information that is not captured in the backup. You can use the Sysdump after the upgrade to troubleshoot any upgrade-related issues with your configurations.
 - Always upgrade your GigaVUE-FM instance before upgrading the GigaVUE-OS nodes. You can upgrade the attached nodes from the device or from GigaVUE-FM. The latter is recommended. Refer to “Upgrade Software on a GigaVUE Node or a Cluster from GigaVUE-FM” in the GigaVUE-FM User’s Guide.

- **If upgrading from GigaVUE-FM versions lower than 5.8.xx to 5.10.xx** : If you are upgrading from a version lower than 5.8.xx to 5.10.xx refer to the GigaVUE-FM Migration instructions in version 5.10 of the Online Documentation Library for details.
- **If upgrading from GigaVUE-FM versions lower than 5.5.00**: While upgrading from any version lower than 5.5.00, an association of more than one vport to the same GigaSMART group needs to be removed for any existing GTP GigaSMART operation.
- **If upgrading from GigaVUE-FM versions lower than 5.4.00**: Be aware of the minimum memory requirement changes between releases. Earlier releases specified 4GB of memory for the OVA template, whereas versions after 5.4.00 require 8GB and versions after 5.7.00 require 16GB. If the existing virtual or physical hardware running GigaVUE-FM is configured with less memory than required, then increase the amount of memory available to the GigaVUE-FM machine. Refer to GigaVUE-FM Memory and CPU Requirements in this document for details.
- For upgrades to versions 5.11.xx and 5.12.xx, a password change is mandated.
- For all other versions, the password change is mandated only if the current password is a default password.

Supported upgrade paths for GigaVUE-FM 6.1.xx and later:

You can upgrade your GigaVUE-FM instance only to the next two subsequent versions. To upgrade your GigaVUE-FM from 6.1.xx to later versions, the supported upgrade paths are:



IMPORTANT:

- When you are upgrading to 6.12.03, you must upgrade both UCT-V Controller and UCT-V's to 6.12.01 (Traffic Acquisition method is UCT-V) within **30** days of upgrading GigaVUE-FM to ensure version compatibility before the next UCT-V certificate renewal. Complete the following upgrades immediately after the GigaVUE-FM upgrade so that UCT-V certificates renew only after all components run compatible versions, reducing the risk of registration or communication failures:
 - UCT-V Controller
 - UCT-V's
 - GigaVUE V Series Node
 - GigaVUE V Series Proxy

To upgrade to 6.12.03 from...	Use the recommended upgrade path for GigaVUE-FM
v6.11.xx	6.11.xx ► 6.12.03
v6.10.xx	6.10.00 or 6.10.01 ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.9.xx	6.9.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.8.xx	6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03

To upgrade to 6.12.03 from...	Use the recommended upgrade path for GigaVUE-FM
v6.7.xx	6.7.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.6.xx	6.6.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.5.xx	6.5.xx ► 6.7.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.4.xx	6.4.xx ► 6.6.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.3.xx	6.3.xx ► 6.5.xx ► 6.7.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.2.xx	6.2.00 ► 6.4.xx ► 6.6.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
v6.1.xx	6.1.xx ► 6.3.xx ► 6.5.xx ► 6.7.xx ► 6.8.xx ► 6.10.02* ► 6.12.xx ► 6.12.03
	NOTE: *MongoDB changes were introduced in 6.10.02. You must upgrade to 6.10.02 before moving to 6.11.xx or later.

**IMPORTANT:**

- To prevent upgrades outside the supported paths, which may cause GigaVUE-FM to corrupt, a prevention mechanism has been introduced in GigaVUE-FM version 6.12. Starting from GigaVUE-FM version 6.12, any unsupported upgrade attempt is blocked and marked as failed. Review the **FMCTL log** (*/var/log.fm-ctl.log*) for details on the failure.
- For versions prior to 6.12, unsupported upgrade paths are not automatically blocked. You must follow the correct upgrade sequence mentioned above. If you fail to follow, it may cause GigaVUE-FM to corrupt or lockup.

Important Document References

This section lists all information sections that you may require to refer to while updating your device to the 6.9.00 software release.

System and Support Requirements	Refer To
System Requirements	
Firmware/BIOS information for the GigaVUE-FM Hardware Appliance	GigaVUE-FM Hardware Appliance System Requirements
VMware Requirements for GigaVUE-FM Installation	Before You Install
Minimum Virtual Computing Requirements for GigaVUE-FM Installation	Minimum Requirements
GigaVUE Cloud Suite System Requirements	
Nutanix Requirements	Minimum Requirements -Nutanix
OpenStack Requirements	Minimum Compute Requirements
OVS-Mirror Requirements	Prerequisites for OVS Mirroring
Supported Hypervisors for GigaVUE V Series Node	Supported Hypervisors for VMware
Supported Operating Systems for UCT-V	Supported Operating Systems for UCT-V
Kernel and CPU Requirements for UCT-C	Kernel and CPU Requirements for Universal Cloud Tap - Container
Supported Platforms for UCT-C	Supported Platforms for UCT-C
Support and Compatibility	
GigaVUE-FM and GigaVUE-OS Compatibility	Device and Configuration Management
Supported Browsers for GigaVUE-FM	Supported Browsers for GigaVUE-FM
Line Card or Module Removal Procedure (Hot Removal)	Module Removal and Replacement Procedure (Hot Removal)

Additional Information

Contacting Gigamon Support

Refer to <http://www.gigamon.com/support-and-services/contact-support> for Technical Support hours and contact information. You can also email Technical Support at support@gigamon.com. Refer also to the Gigamon Community at <https://gigamoncp.force.com/gigamoncp/>.

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The VUE Community

The **VUE Community** is a technical site where Gigamon users, partners, security and network professionals, and Gigamon employees come together to share knowledge and expertise, ask questions, build their network and learn about best practices for Gigamon products.

Visit the Gigamon Community site to:

- Find knowledge base articles and documentation
- Ask and answer questions and learn best practices from other members.
- Join special interest groups to have focused collaboration around a technology, use-case, vertical market, or beta release.
- Take online learning lessons and tutorials to broaden your knowledge of Gigamon products.
- Open support tickets (Customers only)
- Download the latest product updates and documentation (Customers only)

The VUE Community is a great way to get answers fast, learn from experts and collaborate directly with other members around your areas of interest.

Register today at community.gigamon.com

Questions? Contact our Community team at community@gigamon.com.