Product Description

The GigaVUE® Traffic Visibility Fabric™ establishes pervasive visibility across enterprise, data center and service provider environments to enable security, analytics and infrastructure management. However without end-to-end management of the GigaVUE® nodes, operators would find it very difficult to configure and monitor them.

GigaVUE-FM enables a holistic perspective of all the visibility nodes across the distributed fabric. A single pane of glass offers a combination of high-level views with drill-downs into detailed port-level statistics. This framework uses a consolidated configuration platform for operational control providing a systematic approach to change management.

A single GigaVUE-FM can manage hundreds of visibility nodes, containing more than a quarter of a million physical ports in addition to managing VMware virtual infrastructures.

With a single user interface there is no longer a need to access each node individually, reducing OPEX.

Table 1: Features & Benefits

Feature	Benefits
Centralized Management and Control	Enables monitoring and configurations of both physical and virtual Visibility Fabric assets across geographies—all from a single location.
Scheduling Capabilities	Initiates version updates to one or many fabric nodes to streamline software rollouts in an automated fashion.
Enhanced Usability	Provides a unified experience across GigaVUE H Series devices as well as GigaVUE-VM nodes monitoring virtual traffic offering a solution for centralized operations looking to configure, direct, and control traffic from a distributed network.
Single Pane of Glass	Converges high-level views with granular details all within a single set of screens for seamless and effective change control management.
Backup and Restore Capabilities	Supports configuration backup and restore across multiple visibility nodes to quickly back-out changes if required due to errors or change control requirements.
Visual Alerts	Enables ability to quickly see anomalous behavior such as drop counts or utilization peaks within the H Series visibility nodes.
Improved Operational Efficiencies	Minimizes resources required to configure, manage and monitor multiple visibility nodes. • Create/Update/Delete Port properties including port-type, admin state • Create/Update/Delete Map and GigaSMART® configuration

The following describes the minimum requirements for the hardware on which VMware ESXi runs GigaVUE-FM fabric nodes.

Table 2: Hardware Requirements:

Requirement	Description
ESXi Hypervisor	• VMware vSphere 5.0
CPU	• One or more 64-bit x86 CPUs with virtualization assist (Intel-VT or AMD-V) enabled Note: To run GigaVUE-VM, hardware support for virtualization must be enabled on the VMware ESXi host and the BIOS option for virtualization support is not disabled.
RAM	• At least 8GB
Disk Space	• Locally attached storage (PATA, SATA, SCSI) with minimum 100GB of disk space available

The GigaVUE-FM Visibility Fabric Architecture

The following table lists the virtual computing resources that the VMware ESXi server must provide for each GigaVUE-FM fabric node instance.

Table 3: Computing Requirements

Requirement	Description
Memory	• Minimum 2GB memory
Virtual CPU (VCPU)	• One (1)
Virtual Storage for OS	• 8GB using Virtual IDE

Table 4: Ordering Information

Part Number	Description
GFM-FM000	GigaVUE-FM
SVC-000	12 Months Standard Support and Software Maintenance
SVC-001	1st Year Premium 24x7 Upgrade
SVC-002	12 Months Premium 24x7 Support and Software Maintenance

For More Information

For more information about the Gigamon Visibility Fabric architecture or to contact your local representative, please visit:
www.gigamon.com