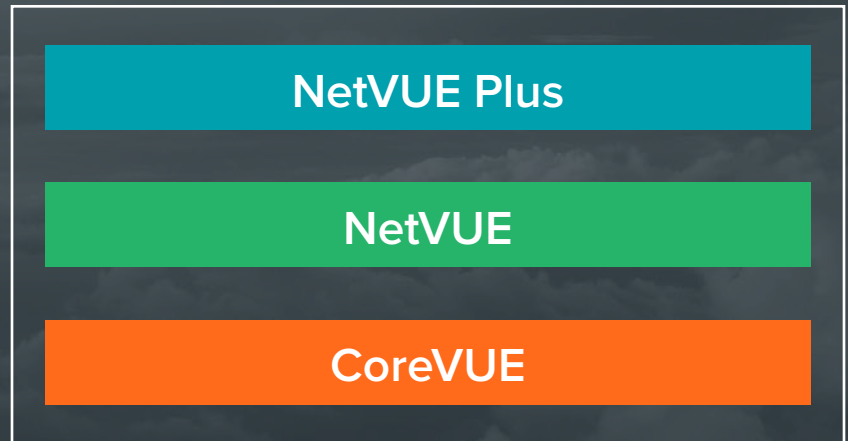


Gigamon NetVUE for Network Operations

Tiered Bundles of GigaSMART Applications that Addresses the Growing Visibility Needs of Your Network Operations Teams

To be effective, your network operations (NetOps) teams need pervasive network and application visibility across physical, virtual and cloud infrastructures.

Fortunately, that's now possible with Gigamon NetVUE for NetOps. These tiered bundles of GigaSMART® applications provide complete network and application visibility to increase the efficiency of network and application performance tools and help you in your digital transformation journey.



See Figure 1



KEY FEATURES

- Tiered bundles of network-traffic and application-intelligence capabilities, offered as cost-effective subscription licenses
- Functionality ranges from packet slicing, tunneling, de-duplication and NetFlow generation, to advanced capabilities like Adaptive Packet Filtering and Application Intelligence
- Option to upgrade to other bundles

KEY BENEFITS

- Meet your organization's NetOps and budget needs.
- Ability to upgrade as your operations needs grow and change.
- Maintain regulatory compliance by obfuscating or removing sensitive data, distribute traffic between various network tools.
- Increase tool capacity and accuracy by offloading de-duplication



Figure 1: NetVUE for NetOps: GigaSMART Subscription Bundles

NetOps Challenges

Today's rapid digital transformation and network upgrades from 10G and 40G to 100G are disrupting organizations and forcing your NetOps team to be agile and evolve to adapt or become obsolete. Pervasive visibility into data in transit and applications across your infrastructure is required to aggregate, filter, apply advanced traffic intelligence and distribute the right traffic to the appropriate tools.

Duplication of packets is a common occurrence when TAPs collect data from various segments of your network. Packet duplication results in rapid tool capacity overload and inaccurate results. De-duplication can be performed at the individual tool, but it is expensive, inefficient and impacts the tool's core function.

NetFlow is an efficient method for delivering basic Layer 2–4 network traffic data to network analysis tools. The downside is that extracting NetFlow using routers and switches can cause severe strain on the equipment, leading to dropped packets. Other problems include reduced tool accuracy by relying on sampling, and restricted interoperability due to limited format options.

Applications are the lifeblood of any organization but obtaining visibility into Layer 7 is difficult as digital applications are often complex, multi-tiered and custom developed. In addition to application visibility, you need the ability to visualize and filter applications to forward to the right tools for inspection.

THE SOLUTION

Gigamon offers three bundles of GigaSMART applications as subscription services (minimum one year) that provide pervasive network and application visibility for your NetOps teams. The three tiers of bundles for network operations to be implemented with the Gigamon Deep Observability Pipeline are:

CoreVUE

Includes basic traffic intelligence for NetOps teams (see Figure 1).

Key benefits:

- Maintain regulatory compliance by obfuscating or removing sensitive data
- Enable monitoring of virtualized traffic by multiple physical tools
- Identify the packet's source for traffic brokering flexibility

NetVUE

Includes CoreVUE and advanced traffic intelligence features, such as De-duplication and NetFlow for NetOps.

Key benefits:

- Increase network tool capacity and accuracy by offloading de-duplication of network packets
- Avoid routers and switches capacity overload and dropped packets by offloading NetFlow generation
- Supports NetFlow (v5, v9), IPFIX (NetFlow v10) and CEF formats for ingestion by analytic tools

NetVUE Plus (GigaVUE HC Series only)

Includes NetVUE and traffic and application intelligence, such as Adaptive Packet Filtering, Advanced Flow Slicing and Application Filtering.

Key benefits:

- Improved tools efficiency by inspecting first set of flows, then slicing the rest of the flow
- Identify, visualize, filter and classify more than 3,200 applications, as well as custom applications in your organization
- Forward traffic for only critical applications (for example, SAP) to monitoring tools and filter those that are not of interest (social media, for example)

Get the Visibility You Need for Success

Rapid digital transformation and network upgrades are disrupting organizations and forcing your NetOps teams to be agile and rapidly evolve to adapt or become obsolete. Gigamon NetVUE for Network Operations bundles provide your NetOps teams with the pervasive visibility into data in transit and applications across your infrastructure to optimize the content and delivery for distributing the right traffic to the appropriate tools. By offering flexible tiered NetVUE subscription bundles to meet your growing visibility needs, Gigamon enables your NetOps teams to run fast and make better decisions during your digital transformation journey.

**For more information on GigaSMART applications please read the data sheet.
Learn more at gigamon.com/solutions/network-operations.html.**