



WhatsUpGold Network Performance Monitoring

TECHNICAL SPECIFICATION & SUBSCRIPTION PACKAGES

Valid from January 5, 2026

WhatsUp Gold Network Performance Monitoring

WhatsUp Gold Network Performance Monitoring (NPM) is a comprehensive subscription solution that provides complete network visibility through flow-based traffic analysis. Each NPM package is a turnkey bundle including all required virtual appliances for flow data collection, long-term storage, analysis, and distributed network traffic monitoring.

Package Architecture

Each subscription includes a Collector and one or more Sensors as virtual appliances:

- **Collector (Virtual Appliance)** – Flow data collection, long-term storage and analysis (NetFlow, IPFIX, sFlow). Includes WhatsUp Gold Monitoring Center for dashboards, graphs, Top N statistics, and automatic reporting.
- **Sensor(s) (Virtual Appliance)** – High-performance network traffic monitoring and IP flow statistics generation. Supports IPFIX Extensions for NPM metrics (RTT, Server Response Time, jitter) and application protocol analysis (HTTP, DNS, DHCP, SMB, VoIP SIP, SSL/TLS, etc.).

Subscription Tiers

- **Business** — 1× Collector + 1× Sensor (up to 1,000 devices)
- **Enterprise** — 1× Collector + 2× Sensors (up to 5,000 devices)
- **Enterprise Plus** — 1× Collector + 4× Sensors (up to 5,000 devices)

Supported Protocols & Deployment

- **Flow:** NetFlow v5/v9, IPFIX, sFlow
- **L2/Tunneling:** VLAN, QinQ, MPLS, GRE, ESP, TRILL, VxLAN
- **Platforms:** VMware ESXi 5.5+, Microsoft Hyper-V 2012 R2+, KVM 3.10.0+, AWS, Azure, Google Cloud

SKU Index

Click any SKU to navigate to its technical specification.

SKU	Tier	Devices	Collector	Sensors
WUG-NPM-300-Bus-SUB	Business	300	1x	1x
WUG-NPM-500-Bus-SUB	Business	500	1x	1x
WUG-NPM-1000-Bus-SUB	Business	1,000	1x	1x
WUG-NPM-300-EN-SUB	Enterprise	300	1x	2x
WUG-NPM-500-EN-SUB	Enterprise	500	1x	2x
WUG-NPM-1000-EN-SUB	Enterprise	1,000	1x	2x
WUG-NPM-2000-EN-SUB	Enterprise	2,000	1x	2x
WUG-NPM-3000-EN-SUB	Enterprise	3,000	1x	2x
WUG-NPM-4000-EN-SUB	Enterprise	4,000	1x	2x
WUG-NPM-5000-EN-SUB	Enterprise	5,000	1x	2x
WUG-NPM-300-ENP-SUB	Enterprise Plus	300	1x	4x
WUG-NPM-500-ENP-SUB	Enterprise Plus	500	1x	4x
WUG-NPM-1000-ENP-SUB	Enterprise Plus	1,000	1x	4x
WUG-NPM-2000-ENP-SUB	Enterprise Plus	2,000	1x	4x
WUG-NPM-3000-ENP-SUB	Enterprise Plus	3,000	1x	4x
WUG-NPM-4000-ENP-SUB	Enterprise Plus	4,000	1x	4x
WUG-NPM-5000-ENP-SUB	Enterprise Plus	5,000	1x	4x

Business Tier

WUG-NPM-300-Bus-SUB

WhatsUp Gold NPM Subscription Business – Up to 300 Devices

	Collector (1x)	Sensor (1x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
Storage / Monitoring	0.5 TB	1 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-500-Bus-SUB

WhatsUp Gold NPM Subscription Business – Up to 500 Devices

	Collector (1x)	Sensor (1x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
Storage / Monitoring	1 TB	1 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-1000-Bus-SUB

WhatsUp Gold NPM Subscription Business – Up to 1,000 Devices

	Collector (1x)	Sensor (1x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.6 Mpps / appliance
Storage / Monitoring	1 TB	2 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

Enterprise Tier

WUG-NPM-300-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 300 Devices

	Collector (1×)	Sensor (2×)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
Storage / Monitoring	0.5 TB	1 × 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-500-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 500 Devices

	Collector (1×)	Sensor (2×)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
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Enterprise Tier (continued)

WUG-NPM-2000-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 2,000 Devices

	Collector (1x)	Sensor (2x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.6 Mpps / appliance
Storage / Monitoring	2 TB	2 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-3000-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 3,000 Devices

	Collector (1x)	Sensor (2x)
Performance	Up to 150,000 fps	Up to 0.3 Mpps / port, Up to 1.2 Mpps / appliance
Storage / Monitoring	3 TB	4 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	32 CPU cores, 64 GB RAM, 1,000 IOPS	8 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 16 GB RAM, 1,000 IOPS	6 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-4000-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 4,000 Devices

	Collector (1x)	Sensor (2x)
Performance	Up to 150,000 fps	Up to 0.3 Mpps / port, Up to 1.2 Mpps / appliance
Storage / Monitoring	6 TB	4 x 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	32 CPU cores, 64 GB RAM, 1,000 IOPS	8 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 16 GB RAM, 1,000 IOPS	6 CPU cores, 8 GB RAM, 25 GB HDD

Enterprise Tier (continued)

WUG-NPM-5000-EN-SUB

WhatsUp Gold NPM Subscription Enterprise – Up to 5,000 Devices

	Collector (1×)	Sensor (2×)
Performance	Up to 150,000 fps	Up to 0.7 Mpps / port, Up to 0.7 Mpps / appliance
Storage / Monitoring	6 TB	1 × 10 Gbps Ethernet per sensor
Flow Cache	—	4 M entries
Recommended Config	32 CPU cores, 64 GB RAM, 1,000 IOPS	6 CPU cores, 32 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 16 GB RAM, 1,000 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

Enterprise Tier Plus

WUG-NPM-300-ENP-SUB

WhatsUp Gold NPM Subscription Enterprise Plus — Up to 300 Devices

	Collector (1x)	Sensor (4x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
Storage / Monitoring	0.5 TB	1 × 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-500-ENP-SUB

WhatsUp Gold NPM Subscription Enterprise Plus — Up to 500 Devices

	Collector (1x)	Sensor (4x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.3 Mpps / appliance
Storage / Monitoring	1 TB	1 × 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

WUG-NPM-1000-ENP-SUB

WhatsUp Gold NPM Subscription Enterprise Plus — Up to 1,000 Devices

	Collector (1x)	Sensor (4x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.6 Mpps / appliance
Storage / Monitoring	1 TB	2 × 1 Gbps Ethernet per sensor
Flow Cache	—	0.5 M entries
Recommended Config	16 CPU cores, 32 GB RAM, 500 IOPS	6 CPU cores, 16 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 8 GB RAM, 500 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

Enterprise Tier Plus (continued)

WUG-NPM-2000-ENP-SUB

WhatsUp Gold NPM Subscription Enterprise Plus — Up to 2,000 Devices

	Collector (1x)	Sensor (4x)
Performance	Up to 75,000 fps	Up to 0.3 Mpps / port, Up to 0.6 Mpps / appliance
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Enterprise Tier Plus (continued)

WUG-NPM-5000-ENP-SUB

WhatsUp Gold NPM Subscription Enterprise Plus – Up to 5,000 Devices

	Collector (1x)	Sensor (4x)
Performance	Up to 150,000 fps	Up to 0.7 Mpps / port, Up to 0.7 Mpps / appliance
Storage / Monitoring	6 TB	1 x 10 Gbps Ethernet per sensor
Flow Cache	—	4 M entries
Recommended Config	32 CPU cores, 64 GB RAM, 1,000 IOPS	6 CPU cores, 32 GB RAM, 25 GB HDD
Minimum Config	4 CPU cores, 16 GB RAM, 1,000 IOPS	4 CPU cores, 8 GB RAM, 25 GB HDD

Deployment Requirements

Supported Virtualization Platforms

Platform	Version	Applies To
VMware ESXi	5.5 and later	Collector and Sensor
Microsoft Hyper-V	2012 R2 and higher	Collector and Sensor
KVM	3.10.0+ / QEMU 1.5.3+ / libvirt 4.5.0+	Collector and Sensor
AWS	—	Collector only
Azure	—	Collector only
Google Cloud	—	Collector only

General Technical Notes

- Collector performance (fps) measured using average customer data. Actual performance depends on allocated resources, system load, enabled extensions/modules, and concurrent queries.
- Sensor performance (Mpps) measured using 64-byte packets. In virtual environments, depends on allocated resources, system load, and deployment configuration.
- Flow cache = number of flow entries per monitoring port.
- Configuration requirements may be limited by the virtual environment. Consult vendor/distributor.
- All VMs require host CPU support for: MMX, SSE, SSE2, SSE3, SSSE3, CX16, SAHF, FXSR, AVX (Intel/AMD 2011+).
- All packages are 1-year subscriptions. Storage refers to Collector capacity; Sensor storage is for local flow cache only.

About Progress Software

Progress Software (Nasdaq: PRGS) empowers organizations to achieve transformational success in the face of disruptive change. Our software enables our customers to develop, deploy and manage responsible AI-powered applications and personalized digital experiences with agility and ease. Businesses of all sizes get a trusted provider in Progress, with the products, expertise and vision they need to turn AI disruption into a competitive advantage. Millions of developers and technologists at hundreds of thousands of organizations depend on Progress every day. Learn more at www.progress.com

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