



High precision real-time network performance monitoring with 100% visibility

Business performance in today's digital businesses are dependent on network and application performance utilizing data center, SaaS and IaaS cloud environments. Traditional network visibility approaches often have a fragmented, incomplete view of performance. As a result, IT ends up spending a lot of time analysing data but arrives at different and often conflicting conclusions on the cause of performance problems. IT operations teams need an end-to-end correlated view of end-user experience, application transactions, and network performance to be able to quickly diagnose root causes before the business is impacted.

With **Veryx Cloudmon NTM**, enterprise businesses get 100% network visibility and analytics of all traffic across their mission critical infrastructure – whether on-premises or cloud, enabling better control and realization of the power of digital innovation, at a fraction of the cost of competing solutions.

Veryx Cloudmon NTM helps meet availability and performance goals while keeping tool and network costs under control. It works as independently or as an add-on module to Cloudmon ITIM Infrastructure monitoring.

Using real-time packet acquisition and multi-stage analytic processing, Veryx probes deliver powerful capabilities, such as congestion detection, application performance metrics and end-user experience monitoring for web and non-web applications.

KEY BENEFITS

- Improve network performance Improve employee productivity
- Quickly and easily detect network performance problems - Reduce MTTR
- Minimize downtime for business-critical networks
- Perform pro-active capacity planning with network usage and performance trend reports
- Track historical trending of network congestion events and their correlation
- Low cost OPEX service or minimal CAPEX
- Simple commercial model

KEY FEATURES

Network performance monitoring (NPM)

- Realtime monitoring of active flows and host
- Bandwidth utilization
- Top users, application and domains
- WAN and LAN traffic analysis

Application performance monitoring (APM)

- Measure Application RTT, TCP health by application, host, location & website
- Application visibility for more than 200+ popular business and recreational applications

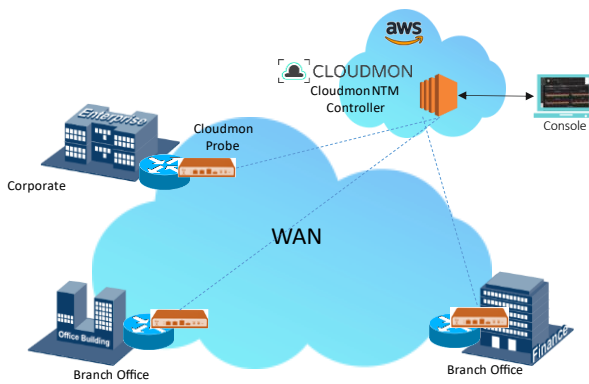
Cyber Security

- Detect DDoS attacks
- Detect cyber threats and vulnerabilities
- Offenders and victims
- TLS / SSL traffic analysis

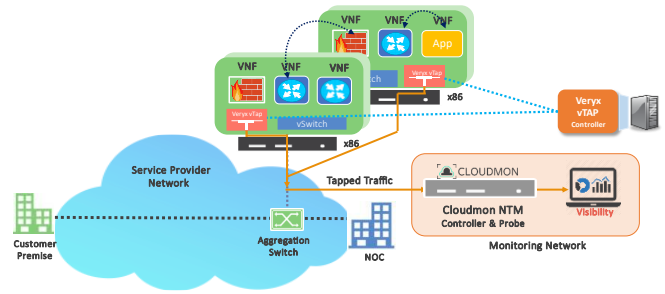
General

- Intelligent alerting - noise reduction
- Automation for Remediation
- Reports & Notifications - Email, Slack, Teams, Opsgenie, Zoho Desk
- Configurable data retention policies
- REST APIs for integration with third-party solutions
- Cloud agnostic - supports private & public cloud
- Asset & User Management





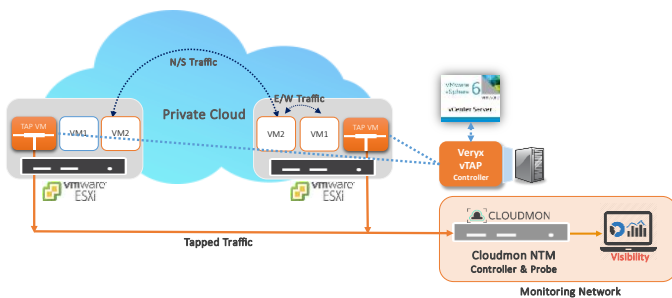
Scenario 1: Branch network visibility



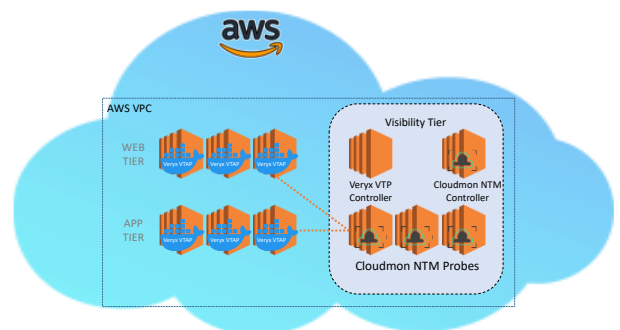
Scenario 2: Software Defined Network (SDN) visibility

Cloudmon NTM support standard north-bound API's to facilitate collaborative troubleshooting across network and application teams for faster problem diagnosis and resolution of complex performance issues.

With a holistic view of network, application performance plus the ability to contextually drill into domain-specific details, using Cloudmon NTM, enterprises can reduce the number of hand-offs between IT domain groups and improve resolution time for application and network outages.



Scenario 3: Private Cloud visibility



Scenario 4: Public Cloud visibility



Figure 1: Cloudmon NTM Screenshots

Cloudmon NTM uses **Cloudmon probes** (physical or virtual) that scan all the traffic and push the relevant meta-data to the **Cloudmon NTM controller**. Deployment in private/public cloud environments require support of Veryx vTAPs (available separately).

Cloudmon NTM controller is available public cloud such as AWS Marketplace or may be installed on-premise on customer-provided server.

Controller Hardware Requirements

Intel Xeon E5-2620 or equivalent:
 RAM: 16GB, recommended 32GB
 SSD: 2TB
 OS: CentOS 7.9

PROBE OPTIONS (PHYSICAL/VIRTUAL)


X86 - White box / UCPE
(1G / 10G)



VM Probe
(1 / 10G)

Physical Probe Hardware Requirements

Whitebox / UCPE: Lanner NCA-4210B or equivalent:
 CPU: Intel Core i7 or equivalent
 RAM: 8 GB, HDD: 500 GB
 OS: CentOS 7.6, 7.9
 1.73”H x 17.24”W x 12.64”D (44 mm x 438 mm x 321 mm), 9.68Lbs

Virtual Probe System Requirements

1G - 4 vCPUs, 4 GB RAM, 6 GB HDD, DPDK enabled NICs
 10G - 8 vCPUs, 8 GB RAM, 6 GB HDD, DPDK enabled NICs
 OS: CentOS 7.6, 7.9

Hypervisors:
 KVM (QEMU 2.0.0 or above, libvirt 1.2.2 or above)
 VMWare ESXi 6.0 or above

AWS EC2:
 1G or 10G – c4.xlarge

ORDERING INFORMATION

| PART NUMBER | STANDARD |
|--------------|---|
| NTM_STD_100 | Veryx Cloudmon NTM Standard Edition Monitoring up to 100 devices |
| NTM_STD_250 | Veryx Cloudmon NTM Standard Edition Monitoring up to 250 devices |
| ITIM_STD_500 | Veryx Cloudmon NTM Standard Edition Monitoring up to 500 devices |
| NTM_STD_1000 | Veryx Cloudmon NTM Standard Edition Monitoring up to 1000 devices |
| NTM_STD_2500 | Veryx Cloudmon NTM Standard Edition Monitoring up to 2500 devices |
| NTM_STD_5000 | Veryx Cloudmon NTM Standard Edition Monitoring up to 5000 devices |
| NTM_STD_XL | Veryx Cloudmon NTM Standard Edition Monitoring unlimited devices |

PARTNERSHIPS

FOR MORE INFORMATION, TO SCHEDULE A DEMO OR GET A FREE TRIAL CONTACT:

sales@veryxtech.com or any of our authorized resellers.

About Veryx Technologies

Veryx Technologies is a provider of innovative network visibility, monitoring and security solutions for enterprises, network service providers, cloud service providers, and network equipment vendors. Veryx offers solutions for network security, network visibility, network testing, and equipment testing applications for technologies such as Cloud, SD-WAN, SDN/NFV and IOT.

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