



Veryx vTAP

VIRTUAL NETWORK VISIBILITY

Enables 100% visibility of virtual network traffic for superior monitoring capabilities in Data Centers and Cloud

OVERVIEW

With increasing transition to data center and cloud based environments, IT teams find it challenging to use traditional monitoring tools for traffic visibility. Physical taps are unsuitable for virtual environments since they cannot monitor east-west and inter-VM traffic. Moreover, they cannot track VMs when moved across hypervisors. **Veryx vTAP** is a software solution that addresses these challenges, providing complete visibility of VM traffic in virtual computing environments.

KEY BENEFITS

- Enables Visibility-as-a-Service (VaaS)
- Tenant based tunnels, facilitating isolation, privacy and compliance
- Blind spot removal with total visibility of east-west, inter-VM and blade server mid-plane traffic
- Reduced network bandwidth with multi-layer filtering
- Centralised control with dashboard for orchestration and monitoring
- Enabling SLA compliance and trouble-shooting
- One touch installation enabling bulk deployments
- Complements existing physical taps

KEY FEATURES

- Enables 100% visibility of VMs traffic
- Supports VM traffic up to 10Gbps
- Supports VLAN, VXLAN and GRE tunnelling.
- Advanced traffic filtering support
- Supports KVM, VMware ESXi, NSX* and Microsoft Hyper-V*
- Supports VMware vSS, vVDS and OpenvSwitch (OVS)
- Packet slicing
- Central management



* In roadmap

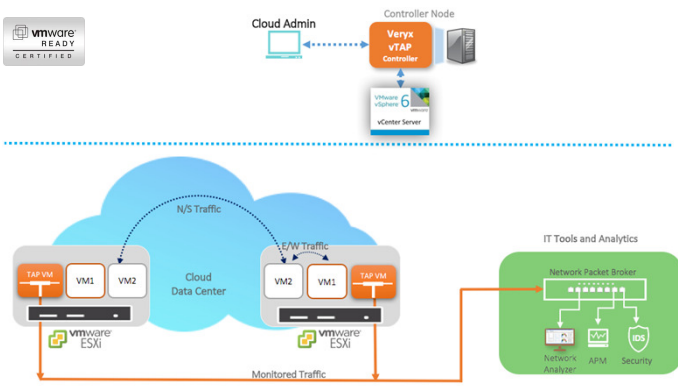


Figure 1: Veryx vTAP VMware deployment scenario

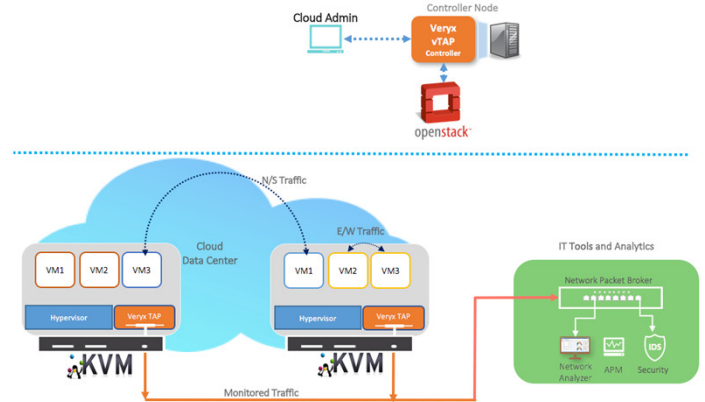


Figure 2: Veryx vTAP Openstack KVM deployment scenario

Veryx vTAP can replicate all VM traffic without interrupting the regular VM traffic streams with very minimal processing overheads to hypervisor. The tapped traffic is sent to any monitoring tools of choice. Veryx vTAP can work in conjunction with existing physical network tap solutions, thus supports existing hybrid networking environments where both physical and virtual components co-exist.

SPECIFICATIONS	
Hypervisor	<ul style="list-style-type: none"> VMware vSphere 5.5, 6.0 and 6.5 (ESXi vSS and vDS) KVM with Openstack (Ocata, Newton, Kilo releases)
Controller VM	<ul style="list-style-type: none"> Two vCPU 2GB RAM, 8GB virtual disk storage
Tap VM	<ul style="list-style-type: none"> One vCPU 512MB to 2GB RAM, 1GB virtual disk storage Maximum: 10 Network Adapters (Management port, Tunneling port, 8 monitoring ports)
ORDERING INFORMATION	
VTAP-10-A-B	<ul style="list-style-type: none"> Veryx vTAP Agent 10 pack bundle license
VTAP-50-A-B	<ul style="list-style-type: none"> Veryx vTAP Agent 50 pack bundle license
VTAP-100-A-B	<ul style="list-style-type: none"> Veryx vTAP Agent 100 pack bundle license
VTAP-250-A-B	<ul style="list-style-type: none"> Veryx vTAP Agent 250 pack bundle license
VTAP-1000-A-B	<ul style="list-style-type: none"> Veryx vTAP Agent 1000 pack bundle license
VTAP-CTRL-B	<ul style="list-style-type: none"> Veryx vTAP Controller SW license

About Veryx Technologies

Veryx Technologies is a provider of innovative testing, automation and monitoring solutions for network service providers, cloud service providers, data centers, Enterprise IT and network equipment vendors. Veryx offers solutions for network testing, performance monitoring and equipment testing applications for technologies such as Carrier Ethernet, IP, Cloud, SDN, NFV and Smart Networks.

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