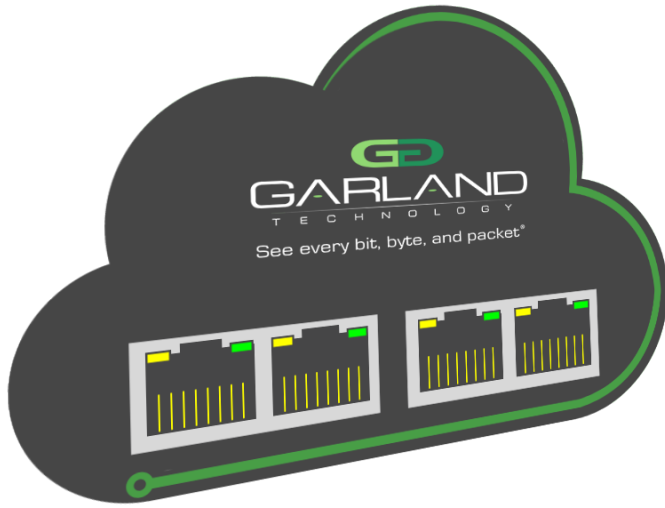


Garland vTAP

10G | Virtual | Supports OpenStack and VMware



With organizations becoming increasingly dependent on virtual computing, IT professionals need a solution to eliminate the blind spots inherent to virtual environments. Garland's vTAP is a software solution to address these challenges, by providing complete visibility for east-west and inter-VM traffic. When used alongside Garland's physical TAPs IT teams will have full confidence they are seeing every bit, byte, and packet flowing across their network.

Key Features








- Enables 100% visibility of VM traffic
- Compliments physical TAPs
- Blind spot removal with complete visibility to east-west, inter-VM, and blade server mid-plane traffic
- Supports VM traffic up to 10Gbps
- Supports tenant based tunnels (VLAN, VXLAN, and GRE) for isolation, privacy and compliance
- Supports traffic filtering and packet slicing
- Supports KVM, VMware ESXi, Microsoft Hyper-V*, and NSX*
- Supports VMware vSS, vVDS, and OVS
- Centralized management with a dashboard for orchestration and monitoring
- One touch installation

APPLICATIONS:

- Capture full duplex traffic in virtual environments
- Capture east-west, inter-VM Traffic

SOLUTIONS:

Garland vTAPs are ideal for:

-  Wireshark
-  Analyzers
-  Intrusion Detection System
-  Application Performance Monitoring
-  Lawful Intercept
-  Packet Capture
-  Data Forensics

Competitive Edge

- Replicates all VM traffic without impacting the VM
- Minimal processing overhead to hypervisor
- Can coexist in hybrid environments



Have Questions?

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Garland vTAPs

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Model #	License	Description
LA05VTAPA-VM	5 vTAP License Pack - Annual	License Activation Pack for 5 vTAP VMs - use in VMware Environments
LA25VTAPA-VM	25 vTAP License Pack - Annual	License Activation Pack for 25 vTAP VMs - use in VMware Environments
LA50VTAPA-VM	50 vTAP License Pack - Annual	License Activation Pack for 50 vTAP VMs - use in VMware Environments
LA100VTAPA-VM	100 vTAP License Pack - Annual	License Activation Pack for 100 vTAP VMs - use in VMware Environments
LA05VTAPA-OS	5 vTAP License Pack - Annual	License Activation Pack for 5 vTAP VMs - use in OpenStack Environments
LA25VTAPA-OS	25 vTAP License Pack - Annual	License Activation Pack for 25 vTAP VMs - use in OpenStack Environments
LA50VTAPA-OS	50 vTAP License Pack - Annual	License Activation Pack for 50 vTAP VMs - use in OpenStack Environments
LA100VTAPA-OS	100 vTAP License Pack - Annual	License Activation Pack for 100 vTAP VMs - use in OpenStack Environments

Additional Specifications

Hypervisor :

VMware sSphere 5.5, 6.0, and 6.5 (ESXi and vDS)
KVM with Openstack (Ocata, Newton, and Kilo)

Controller VM:

Two vCPUs
2 GB RAM
8GB virtual disk storage

TAP VM:

One vCPU
512MB to 2GB RAM
1GB virtual disk storage



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Garland vTAPs

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Use Case

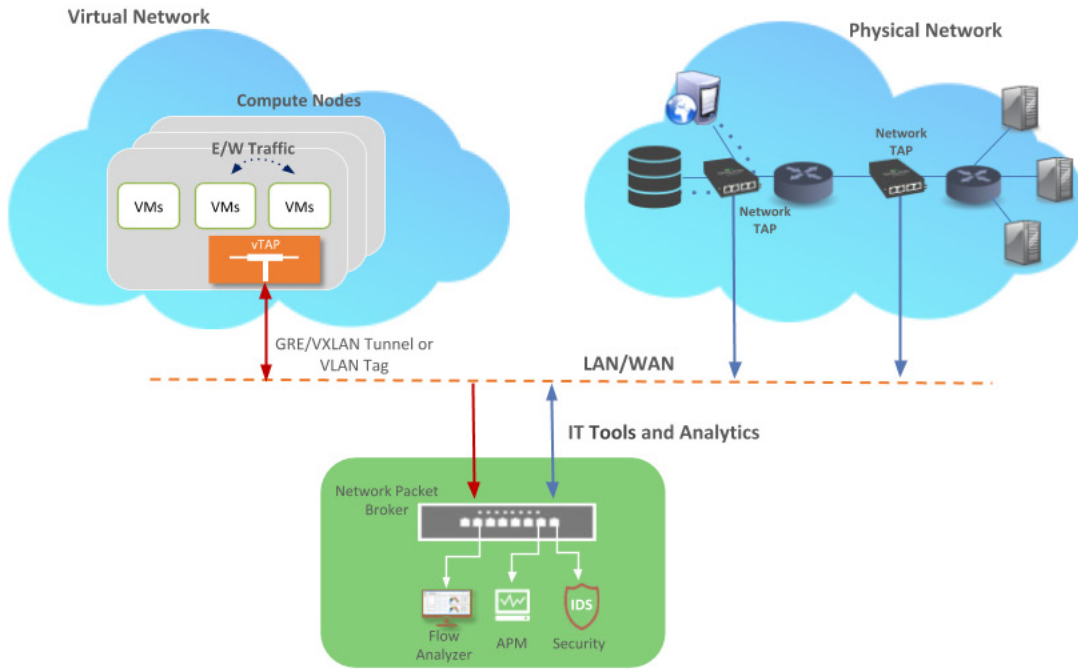


Figure 1. Hybrid Deployment

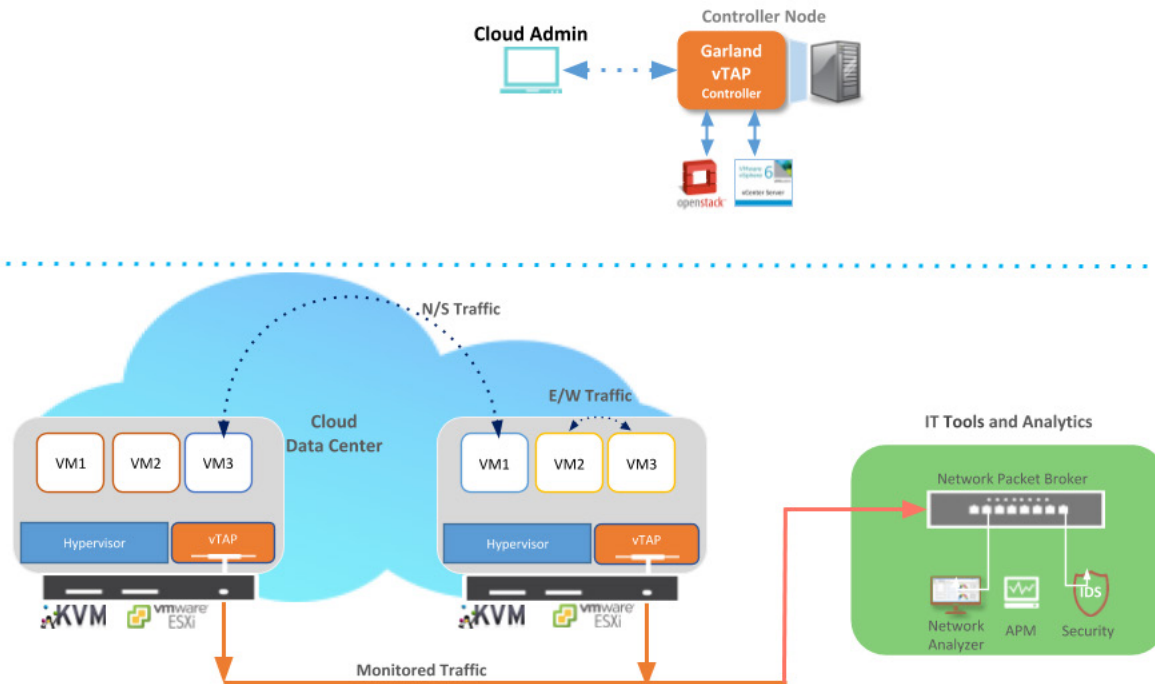


Figure 2. VMware/OpenStack Deployment