Do You Know Where Your VMware Traffic Is?

Data center growth and capacity constraints have given rise to widespread use of virtualized servers for cost savings. The resulting amount of network traffic flowing between virtual machines (or East-West traffic) has grown exponentially. Organizations without the capability to monitor virtual network traffic leave themselves open to significant security vulnerabilities.

Get Magnified Visibility with IntellaTap-VM

IntellaTap-VM provides magnified visibility of VMware network traffic. The solution is integrated with VMware vCenter and allows you to quickly and easily identify areas within your VMware environment for 24x7 monitoring. IntellaTap-VM agents act like virtual network TAPs to mirror traffic flows and forward them to your existing security tools – meaning threats that were previously hidden in your VMware environment can now be found.
The Solution Includes:

Centralized Management
Titan provides administration for the IntellaTap-VM virtual network visibility solution. Titan communicates with VMware vCenter to identify and activate capture points within the virtual network. It sets traffic filters, alerts you of migration events and allows you to forward traffic through GRE tunnels.

Virtual Agent
IntellaTap-VM is a virtual monitoring solution that filters, encapsulates and forwards virtual traffic. It takes the optimized packets and delivers it to your security monitoring tools.

Optional Physical Network Integration
IntellaStore II+ Security Visibility Platform combines APCON's world-class packet aggregation and filtering technology with advanced features such as integrated traffic capture, storage, and onboard analysis tools. Network engineers can monitor networks in real time allowing for earlier security threat detection, investigation and response.

APCON's HyperEngine high-performance network visibility solution aggregates traffic sources to execute advanced processing including deduplication, NetFlow generation, protocol header stripping, deep packet inspection and tunnel termination for virtual network monitoring.

Benefits and Capabilities

» 100% visibility of VM traffic
» Automatic deployment of IntellaTAP-VM agents through vCenter
» Mirror traffic by port groups
» Apply traffic filtering and packet slicing policies
» Tunneling capabilities
» Optimize existing security tools
» Bandwidth reduction on production networks
» Little to no impact installations
» vMotion support, constant visibility of VM movements

VMware vCenter Integration
Titan receives VM and Port Group inventory from vCenter for easy point-and-click selection of TAP points.

Automated Deployment
vCenter automatically deploys the IntellaTap-VM agents to capture selected traffic flows.

Physical Data Center Integration
IntellaTap-VM delivers traffic to APCON’s industry-leading physical appliance systems for advanced features and on-board analysis.

Optimize Existing Security Tools
Traffic flows can easily be directed to existing security and performance tools, improving functionality, efficiency and preventing over subscription.

The APCON Solution
IntellaTap-VM is an advanced feature within APCON’s Titan software application that provides virtual network visibility and easy-to-use point-and-click filtering of East-West virtual machine traffic flows.
Centralized Management

Integrated physical and virtual network visibility requires centralized management that’s easy to use.

Filtering Traffic of Interest

IntellaTap-VM TAPs and filters user-selectable virtual machine traffic, and only sends traffic of interest across the physical network.

Use Existing Tools

Enterprises have significant investment in security and diagnostic tools that safeguard networks and keep them running well. APCON’s integrated virtual and physical network visibility solution can direct all traffic of interest to one or more tools giving security experts complete visibility across the entire network while at the same time increasing tool efficiency.

IntellaTap-VM allows you easily create mirrors within Titan and then send that traffic via tunneling capabilities to an endpoint.

View IntellaTap-VM virtual TAP status including virtual machine status, traffic filter, and bandwidth of monitored traffic.

Easily configure Filters so virtual taps only forward VM traffic of interest.
APCON Network Visibility Solutions

IntellaTap-VM virtual monitoring is part of APCON's market leading enterprise data monitoring solutions. APCON features easy-to-use graphical interfaces and common software across high available, scalable modular physical switches and centralized software with unified physical and virtual monitoring that scales to monitoring the world's largest datacenters.

IntellaTap-VM Ordering Information

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>9100</td>
<td>Titan Management Software License</td>
</tr>
<tr>
<td>9111</td>
<td>IntellaTap-VM 10 pack license bundle (1 license per agent)</td>
</tr>
<tr>
<td>3033-S14</td>
<td>IntellaStore® II+ Appliance (up to 10 Gbps GRE) (Optional)</td>
</tr>
<tr>
<td>3033-E02</td>
<td>HyperEngine Packet Processor (up to 200 Gbps GRE) (Optional)</td>
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IntellaTap-VM Agent Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Description</th>
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<tbody>
<tr>
<td>Hypervisor</td>
<td>VMware vSphere versions 5.5, 6.0, 6.5</td>
</tr>
<tr>
<td>vCPUs</td>
<td>1</td>
</tr>
<tr>
<td>RAM</td>
<td>512MB</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>512MB</td>
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<tr>
<td>Network</td>
<td>At least 1 Gbps NIC</td>
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TitanXR Requirements

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Xeon multi-core hyper-threading processor, 2.0GHz or greater</td>
</tr>
<tr>
<td>RAM</td>
<td>Minimum 8GB</td>
</tr>
<tr>
<td>Hard Disk Space</td>
<td>200GB</td>
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Also Available

- IntellaTap-VM-50 (50 pack license bundle)
- IntellaTap-VM-100 (100 pack license bundle)

Need Visibility for KVM or Hyper-V Environments?

APCON's IntellaTap-VM solution also provides intra-VM network traffic for KVM and Hyper-V environments.