\\virtana
Networking Solution Brief

Extend Unified IT Monitoring for Networking Infrastructures

Business Challenge

Today's network infrastructure needs to be robust and reliable to meet the heavy application loads put on it by business users and customers. Monitoring all of your network devices— switches, routers, load balancers, firewalls and more — is critical since every network device can potentially disrupt service delivery. Assimilating monitoring of current and future networking technologies into standard IT processes is essential to efficiently deliver end-to-end service reliability.

What is an Integration?

Integrations are customizable and extensible plug-ins used to extend the Virtana Platform. They use standard APIs and protocols, including SNMP, WMI, SSH and many more, to collect real-time health and performance data from any type of system or application. The flexible, highly extensible integration model allows the Virtana Platform to extend discovery, performance and availability monitoring capabilities to new technologies quickly. Virtana currently boasts a catalog of more than 400 integrations covering physical systems, containers, cloud deployments and applications.

Integration for Networking Resources

Virtana offers integrations for many common networking devices so that organizations can quickly and effectively monitor these resources. Because Virtana Service

Observability was built from the ground up to support dynamic infrastructures, monitoring virtual resources like virtual firewalls or virtual load balancers alongside traditional devices is easily accomplished.

Virtana provides various integrations for Cisco, Juniper, Brocade, CheckPoint, Citrix NetScaler and Nortel networking equipment as well as a Layer 2 networking Integration. Any networking device that supports industry-standard SNMP MIBs can be also be monitored. Each device Integration is uniquely tuned to the features of that platform, with the available APIs determining its capabilities. While specific capabilities will differ, every Integration in this category will:

- Discover chassis, processors, fabric cards, ports, power supplies, fans, and other key components
- Monitor performance and availability metrics like inbound/ outbound traffic speeds and operational status
- Collect events and forward them to the Virtana console
- Report on networking activity via the Virtana console
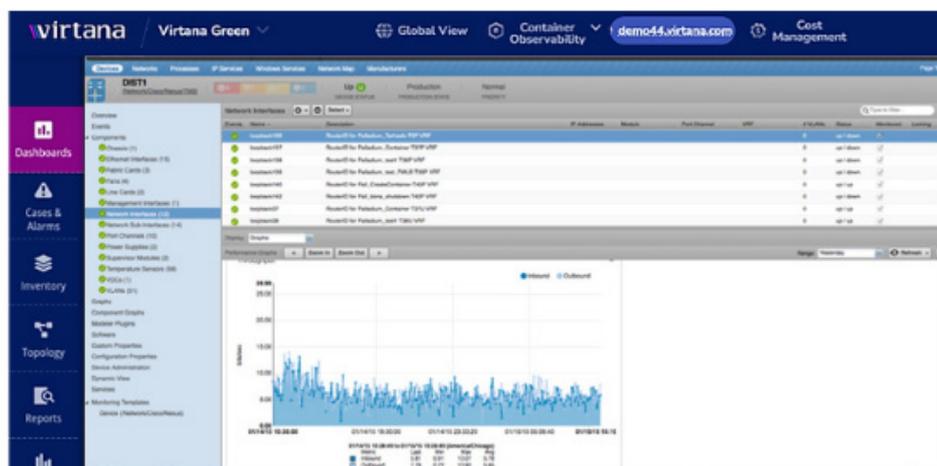
Integration Functionality

Integrations give customers the ability to further unify the monitoring of their networking infrastructures. The Integrations offered directly through Virtana are developed to help IT operations organizations make their monitoring operations more efficient and effective and are updated regularly by the Virtana engineering team to support the latest releases from each networking equipment provider.

Virtana Networking Integrations

- Arista Integration Service
- Aruba Integration Service
- Brocade SAN Switches
- Cato Networks Integration ZenPack
- Cloudgenix Integration ZenPack
- Cumulus Integration Service
- Check Point Security Appliance
- Cisco APIC
- CiscoMonitor
- Cisco Unified Communications Manager
- Citrix NetScaler (Commercial)
- F5 BIG-IP (Commercial)
- Fortinet Fortigate Integration Service
- Infoblox Integration Service
- Juniper Devices
- Juniper Devices (Professional Services)
- Juniper NetScreen
- Meraki Integration ZenPack
- Palo Alto Networks Integration Service
- VeloCloud Integration Service
- Versa SD-WAN Integration Service
- Viptela SD-WAN Integration Service