

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.

ZenPack Classification

ZENOSS COMMERCIAL	Our commercial ZenPacks are designed for customers who want to get the most out of their IT monitoring platforms. These ZenPacks provide in-depth integrations with the most modern, cutting-edge technologies and are included for customers with Zenoss Service Dynamics (ZSD) or ZaaS (Zenoss as a Service) subscriptions.
ZENOSS OPEN SOURCE	Open-source ZenPacks are also created by Zenoss and cover a broad range of traditional IT technologies – like server, storage and network monitoring devices – from many of the largest and most trusted data center brands. Open-source ZenPacks are freely available to everyone.
COMMUNITY	Community ZenPacks are often focused on specific technologies or functionality extensions. They are created by our customers and partners and are supported by the same community of developers that creates them. Community ZenPacks are freely available to everyone.
SUBSCRIPTION	Our Professional Services integration packages are offered as subscriptions and include ongoing compatibility and maintenance. Each package is a customized integration, and all standard packages are renewable every 12 months from the date of purchase.
CUSTOM	Zenoss users can create their own ZenPacks through use of the ZenPack Software Development Kit or by leveraging the Zenoss Professional Services team for custom ZenPack development.

What is a ZenPack?

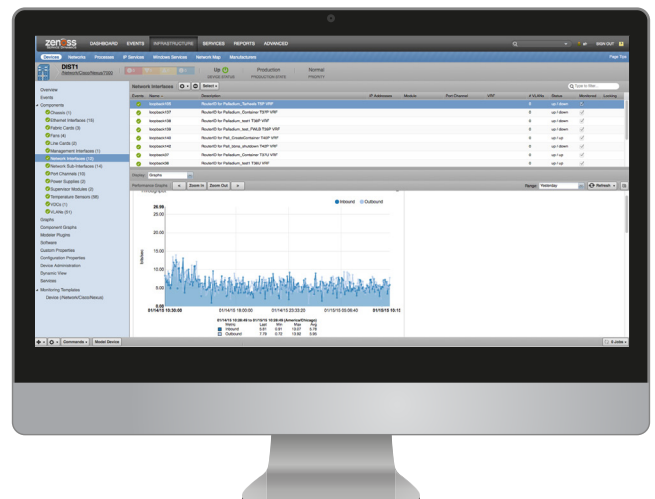
ZenPacks are customizable and extensible plug-ins used to extend the Zenoss platform. They use standard APIs and protocols, including SNMP, WMI, SSH and many more, to collect real-time health and performance data from any type of system or application. The flexible, highly extensible ZenPack model allows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

ZenPacks for Networking Resources

Zenoss offers ZenPacks for many common networking devices so that organizations can quickly and effectively monitor these resources. Because Zenoss Service Dynamics 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.

Zenoss provides various ZenPacks for Cisco, Juniper, Brocade, CheckPoint, Citrix NetScaler and Nortel networking equipment as well as a Layer 2 networking ZenPack. Any networking device that supports industry-standard SNMP MIBs can be also be monitored. Each device ZenPack is uniquely tuned to the features of that platform, with the available APIs determining its capabilities. While specific capabilities will differ, every ZenPack 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 Zenoss console
- Report on networking activity via the Zenoss console



ZenPack Functionality

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

ZENOSS NETWORKING ZENPACKS

DEVICE	ZenPack Type		Features				
	Open Source	Commercial	Discovery	Performance Monitoring	Event Management	Service Impact/Root-Cause Analysis*	Operational Reports**
Brocade SAN Switches		✓	✓	✓	✓		
CheckPoint Security Appliance		✓	✓	✓	✓		
Cisco Devices	✓		✓	✓	✓	✓	✓
Foundry Networks Devices (now Brocade IP Switches)		✓	✓	✓	✓		
Juniper Devices		✓	✓	✓	✓		
Juniper ERX Devices		✓	✓	✓	✓		
Juniper NetScreen		✓	✓	✓	✓		
Layer 2	✓		✓		✓	✓	
Nortel Password Switches		✓	✓	✓	✓		

* Requires Zenoss Service Dynamics Service Impact | ** In addition to the standard reports provided in the Zenoss console

ABOUT ZENOSS:

Zenoss works with the world's largest organizations to ensure their IT services and applications are always on. As the leader in Software-Defined IT Operations™, Zenoss develops software that builds comprehensive real-time models of hybrid IT environments, providing unparalleled holistic health and performance insights. This uniquely enables Zenoss customers to predict and eliminate outages, dramatically reducing downtime and IT spend.



www.zenoss.com



1-512-687-6854 (direct)
1-888-936-6770 (toll free)



twitter.com/zenoss



[www.linkedin.com/
company/zenoss-inc-](https://www.linkedin.com/company/zenoss-inc-)