

## Zenoss ZenPacks Networking

### Extend Unified IT Monitoring of 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.

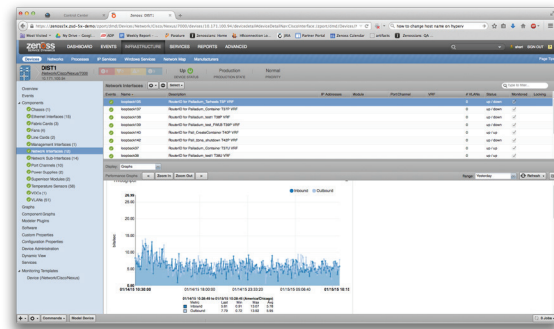
#### What Is a Zenpack?

A ZenPack is a software module that easily extends the monitoring reach of Zenoss Service Dynamics to all corners of your service delivery infrastructure. It collects performance data and monitors events originating from specific managed resources. ZenPacks plug into Zenoss Service Dynamics or Zenoss Core, displaying relevant performance and availability data from any resource in the Zenoss unified console as part of your standard resource management, service impact, or analytics views.

Zenoss has created more than 100 ZenPacks to help customers monitor common enterprise resources. IT organizations can also create their own custom ZenPacks or leverage the 250+ ZenPacks created by the global Zenoss community.

#### ZENPACK CLASSIFICATION

<b>Commercial</b>	Zenoss produced and supported. Available only to Zenoss Service Dynamics customers.
<b>Open Source</b>	Zenoss produced and available as free downloads. Zenoss supported for Zenoss Service Dynamics customers; community supported for non-commercial customers.
<b>Community</b>	Zenoss Community produced and supported.
<b>Custom</b>	Zenoss users can write their own ZenPacks or leverage Zenoss Professional Services for ZenPack development.



#### 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 of 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	✓		✓	✓	✓	✓	✓
Citrix NetScaler		✓	✓	✓	✓		
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

## Learn More

**ZenPack Catalog:** Download currently available ZenPacks from Zenoss and the Zenoss Community

**ZenPack Generator:** Learn how to quickly and easily create your own ZenPacks

## About Zenoss

Zenoss is a leading provider of unified IT monitoring and management software for physical, virtual, and cloud-based IT infrastructures. More than 35,000 organizations worldwide have deployed Zenoss to manage their networks, servers, virtual devices, storage, and cloud infrastructure, gaining complete visibility into their IT operations.