

Zenoss ZenPacks Servers & Operating Systems

Extend Unified IT Monitoring Throughout Your Server Infrastructure

Business Challenge

Servers are a backbone of today's dynamic service delivery infrastructures, and therefore one of the most important components in any monitoring solution. Visualizing the performance and availability of hardware and operating system components, as well as the virtualization technologies that run on top of these platforms, is essential to delivering 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 and availability 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

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

ZenPacks for Servers and Operating Systems

Zenoss offers ZenPacks for some of the most common server hardware and operating system platforms so that organizations can quickly and effectively monitor these resources. Zenoss Service Dynamics was built from the ground up to deal with dynamic environments, providing native virtualization support coupled with extraordinarily broad operating system support. IT operations teams get clear visibility into the health, performance and utilization of critical system-level resources.

Servers

Zenoss provides ZenPacks for Dell PowerEdge, HP ProLiant, and IBM Power servers. The ZenPacks are uniquely tuned to the features of each server, with the available APIs determining what exactly can be monitored. While specific functionality for each server platform will differ, all of the ZenPacks in this category will:

- Discover system chassis, physical disks, temperature sensors, processors, virtual disks, memory cards, ports, fans and other key components
- Discover blade enclosures and their management consoles, as well as the enclosure components and mapping of slots to blade servers
- Monitor memory, throughout, disk utilization, power consumption, and processor speeds
- Collect events and forward them to the Zenoss console
- Map service impact relationships between components
- Provide reporting via the Zenoss Console

Server Operating Systems

For monitoring server operating systems, ZenPacks for Linux, Microsoft Windows, HP-UX, IBM AIX, and Oracle Solaris focus on monitoring file systems, network interfaces, CPU utilization, OS information, and installed software. The Windows ZenPack has added functionality, providing in-depth monitoring of Active Directory, Internet Information Server, Exchange Server, and SQL Server applications alongside the base operating system.

ZenPack Functionality

ZenPacks help customers unify the monitoring of their server infrastructures as part of an enterprise-level, cross-silo view. The ZenPacks offered directly through Zenoss are developed to help IT operations organizations make their monitoring operations more efficient and effective. They are supported by Zenoss customer service and updated regularly by the Zenoss engineering team to support the latest releases from each ISV or hardware vendor.

ZENOSS SERVER AND OPERATING SYSTEM ZENPACKS

PLATFORM	ZenPack Type		Coverage		Features				
	Open Source	Commercial	Server	Server Operating System	Discovery	Performance Monitoring	Event Management	Service Impact/rca*	Operational Reports**
Dell PowerEdge		✓	✓		✓	✓	✓	✓	
HP Proliant		✓	✓		✓	✓	✓	✓	
IBM Power		✓	✓		✓	✓	✓	✓	
Linux	✓			✓	✓	✓	✓	✓	✓
Windows (includes IIS, AD, MS Exchange, and SQL Server support)	✓			✓	✓	✓	✓	✓	✓
Solaris		✓		✓	✓	✓	✓	✓	✓
HP-UX		✓		✓	✓	✓	✓	✓	✓
AIX		✓		✓	✓	✓	✓	✓	✓

* 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.