

Zenoss ZenPacks

Databases and Applications

Extend Unified IT Monitoring of Application Infrastructures

Business Challenge

Delivering business services—whether within the enterprise or directly to end users—requires ensuring that application and database servers can meet demand. If these resources aren't available or not performing at acceptable levels, productivity and revenue are directly impacted. In any unified monitoring effort, incorporating these critical components into standard IT monitoring processes so that they can efficiently deliver end-to-end service reliability is essential.

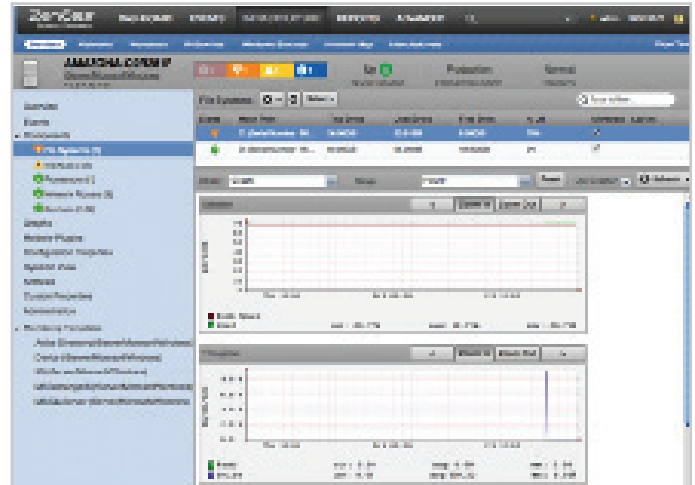
What Is a ZenPack?

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

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 Databases and Applications

Zenoss offers ZenPacks for many common application server and database 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, so these ZenPacks can monitor your application and database resources whether they are deployed in physical, virtual, or cloud infrastructures.

Databases

Zenoss offers ZenPacks for Apache HBase, IBM DB/2, Microsoft SQL Server*, My SQL, Oracle Database, and PostgreSQL. Each ZenPack is uniquely tuned to the features of each platform, with the available APIs determining what exactly can be monitored. While this will result in differences in specific ZenPack capabilities, every ZenPack in this category will:

- Discover chassis, physical disks, processors, virtual disks, application instances, power supplies, fans, and other key components
- Monitor performance metrics for database instances, tables, and disk space
- Collect events and forward them to the Zenoss console
- Map service impact relationships between components
- Report on database activity via the Zenoss Console

*Note: Microsoft SQL Server monitoring is included as part of the Windows Server ZenPack.

Application Servers

For monitoring application servers, ZenPacks for Apache HTTP Server, Apache Tomcat, Apache ZooKeeper, IBM WebSphere, JBoss Application Server, and Oracle WebLogic Server are available. These ZenPacks provide performance monitoring of metrics like requests per second, throughput, CPU utilization, and cache hits. Organizations can also extend monitoring to Microsoft Active Directory, Internet Information Server, and Exchange Server. This functionality is included as part of the Windows ZenPack, and provides discovery, event management, and service impact features in addition to performance monitoring.

Unified Communications

For monitoring unified communications applications, ZenPacks for Cisco Unified Communications Manager and Microsoft Lync are available. The Cisco Unified Communications Manager ZenPack monitors calls attempted, calls active, calls in progress, calls completed, and more. The Microsoft Lync ZenPack provides performance and availability monitoring support for Microsoft Lync deployments. It monitors not only the Lync service itself, but also all of the underlying infrastructure that supports the service.

ZenPack Functionality

ZenPacks give customers the ability to further unify the monitoring of their application 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 vendor.

Learn More

[ZenPack Catalog](#): Download currently available ZenPacks from Zenoss and the Zenoss Community

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.

ZENOSS DATABASE AND APPLICATION SERVER ZENPACKS

	ZenPack Type		Features			
	Open Source	Commercial	Discovery	Performance Monitoring	Event Management	Service Impact/Root Cause Analysis
DATABASES						
Apache HBase	✓		✓	✓	✓	✓
IBM DB/2		✓	✓	✓	✓	✓
Microsoft SQL Server **	✓		✓	✓	✓	✓
MySQL	✓		✓	✓	✓	✓
Oracle Database		✓	✓	✓	✓	✓
PostgreSQL	✓		✓	✓		
APPLICATIONS						
Apache HTTP Server	✓			✓		
Apache Tomcat		✓		✓		
Apache ZooKeeper	✓		✓	✓	✓	✓
IBM WebSphere		✓		✓		
JBoss Application Server		✓		✓		
Microsoft Server Applications**		✓	✓	✓	✓	✓
Oracle WebLogic Server		✓		✓		
UNIFIED COMMUNICATIONS						
Cisco Unified Communications Manager		✓	✓	✓	✓	
Microsoft Lync		✓	✓	✓	✓	✓

* Requires Zenoss Service Dynamics Service Impact
 **Included as part of the ZenPack for Windows