Zenoss ZenPacks
Converged Infrastructure

Extend Unified IT Monitoring to Converged Infrastructures

Business Challenge

Today's business agility depends on how quickly and reliably an organization can deliver new services to market. Converged infrastructures (CI)—preconfigured systems that include compute, network, and storage resources—present a faster way to get IT services up and running. However, monitoring the stack as an integrated part of your environment can be challenging. The Cisco UCS stack, for example, comes with its own robust set of management tools and APIs. Assimilating new CI technologies into standard IT monitoring 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 ZSD 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 Converged Infrastructure Resources

Zenoss offers the ZenPack for Cisco UCS so that organizations can quickly incorporate CI monitoring into their end-to-end view of the service infrastructure. Zenoss Service Dynamics was built from the ground up to unify the monitoring of dynamic infrastructures, making it possible to give IT a single console view into the availability and performance of CI's server virtualization, networking and storage components. Because of these capabilities, Zenoss is a leading monitoring choice of organizations adopting converged infrastructure.

The complete CI stack can be monitored using the combination of the ZenPack for Cisco UCS, the ZenPack for VMware vSphere, and an appropriate EMC or NetApp storage ZenPack. With these in place, IT can understand the relationships between operating system workload and virtual machine, virtualized host and service profile, datastore and LUN-based storage. They can also track dependencies among the multiple components that make up an IT application service. IT can now:
- Visualize workload relationships
- Track service dependencies between components and underlying dynamic infrastructure
- Identify root cause and service impact of incident

ZenPack Functionality

ZenPacks give customers the ability to unify the monitoring of their CI infrastructures alongside their traditional datacenter resources. Zenoss Commercial ZenPacks are developed to help IT organizations make their monitoring operations more efficient and effective, and are updated regularly by the Zenoss engineering team to support the latest releases from Cisco, VMware, EMC, and NetApp.

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ZENOSS CONVERGED INFRASTRUCTURE ZENPACKS

ZenPack Type		Features						
CI ZENPACKS	Open Source	Commercial	Discovery	Performance Monitoring	Event Management	Service Impact/RCA*	Ooperational Reports**	Health and Utilization Trends/Capacity Planning***
Cisco UCS		✓	✓	✓	✓	✓	✓	✓
VMware vSphere		✓	✓	✓	✓	✓	✓	✓
EMC Storage (for VCE Vblock)		✓	✓	✓	✓	✓		
NetApp Storage (for NetApp FlexPod)		✓	✓	✓	✓	✓		

* Requires Zenoss Service Dynamics Service Impact
**In addition to the standard reports provided in the Zenoss Console
***Requires Zenoss Service Dynamics Analytics

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.