zenoss

Zenoss ZenPacks: **Virtualization**

Business Challenge

A key element in successfully monitoring today's dynamic, complex environments is extensibility — the ability to rapidly extend monitoring to new technology resources. IT operations teams need a way to assimilate virtual technologies into standard IT monitoring processes without incurring unnecessary costs or delays in service delivery schedules.

What's a ZenPack? The Zenoss Difference.

If you can't see it, you can't assess it. ZenPacks are plug-ins that make it easy for you to collect **real-time health and performance metrics** from every system in your environment.

There are four categories of ZenPacks — **Commercial, Open Source, Subscription and Community** — which are aligned by two key attributes: who has access to the ZenPack and how it is supported. Many ZenPacks are created by Zenoss and are released freely, while others are only available via a paid subscription or service agreement. Community ZenPacks are created and supported by our Community members.

There are **more than 500 ZenPacks** available — but if we don't have a ZenPack you need, you can engage our Professional Services team or easily build your own to monitor your custom systems and applications through our ZenPack SDK.

ZenPacks for Virtual Resources

ZenPacks give customers the ability to further unify the monitoring of their virtualized infrastructures. The ZenPacks offered directly through Zenoss are developed to help 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 independent software vendor.

Zenoss was built from the ground up to deal with the real-time changes in these dynamic technologies, so you don't need massive investments in professional services for implementation. You simply install the ZenPack you need and point it at the resources you need to monitor.

Monitor All Virtualized Environments

Zenoss provides ZenPacks for **VMware vSphere, VMware NSX, Citrix XenServer, Citrix NetScaler, Microsoft Hyper-V, Cisco NFVI, Nutanix AHV, Kubernetes, Docker** and many more virtualization platforms.

Each ZenPack is uniquely tuned to the features of each solution, with the available APIs determining what can be monitored. While specific functionality will differ, every ZenPack in this category will:

- Discover hosts, virtual machines, clusters and other key components
- Collect detailed configuration data, including routing protocols, load balancer configs and firewall configs
- Monitor resource performance and availability, including applications, databases, middleware and web servers, regardless of their physical or virtual locations
- Collect events and forward them to the Zenoss console
- Map service impact relationships between components

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 uniquely collects all types of machine data to build real-time IT service models that train machine learning algorithms to deliver robust AIOps analytics capabilities for all data types, including metrics, dependency data, events and streaming data. This enables IT Ops teams to predict and eliminate outages in hybrid IT environments, dramatically reducing downtime and IT spend. For more information about Zenoss, please visit https://www.zenoss.com.

To learn more and to see a full list of available ZenPacks, **visit https://www.zenoss.com/product/zenpacks.**