Zenoss Service Dynamics:
Monitoring VCE Vblock Systems

Unified Service Insight for VCE Vblock Systems
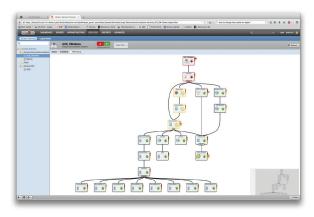
Business Challenge

Much of today's business success is driven by how efficiently organizations can deliver new services to market. One of the technologies most relied upon to provide this capability is converged infrastructure systems. VCE Vblock Systems integrate industry-leading network, compute, and storage technologies from Cisco, EMC, and VMware to simplify and streamline service delivery.

When it comes to ensuring the reliability of the services supported by Vblock System infrastructures, traditional monitoring tools simply can't handle the dynamic nature of these technologies. Companies end up layering on multiple monitoring tools to address various subcomponents of the solution, which undermines the simplicity and efficiency converged infrastructure is meant to provide – and makes it more cumbersome for IT to recognize and respond to performance and availability issues when they arise.

Zenoss Service Dynamics

Zenoss Service Dynamics provides unified monitoring across the entire dynamic pool of resources in VCE Vblock Systems – including all Cisco UCS compute, Cisco networking, VMware virtualization, and EMC storage resources. Because Zenoss was built from the ground up to address real-time, dynamic technologies, you can easily monitor converged infrastructure alongside your existing physical, virtual, or cloud environments.

This unified monitoring of Vblock Systems is accomplished through ZenPacks – software plugins that easily extend the reach of Zenoss Service Dynamics to any and all components of your service delivery infrastructure. Using a combination of the Cisco UCS ZenPack, the VMware vSphere ZenPack, the Cisco Devices ZenPack, and the EMC ZenPack, you can monitor your complete Vblock System environment.

Key Features

- Unified user interface – Monitors Vblock System components alongside your physical, virtual, and cloud resources.
- Automated discovery – Automatically discovers, inventories, and categorizes Vblock System components on your network whenever they are added, moved, or removed.
- Performance monitoring – Tracks real-time usage, throughput, and performance metrics of Vblock System components.
- Event management – Integrates all events, faults, errors, and alerts from Vblock System components into a single screen. Correlates and de-duplicates events to prevent event storms.
- Dynamic service impact analysis – Tracks service dependencies among Vblock System components and the services they support using our patented Service Impact model.
- Root cause analysis – Uses a patent-pending confidence ranking engine to quickly and automatically identify likely root cause of Vblock System performance and availability service events.

zenoss

11305 Four Points Drive
Building 1, Suite 300
Austin, TX 78726, USA

Phone: +1-512-687-6854
Toll-free: +1-888-936-6770
www.zenoss.com

BENEFITS	DETAILS
Comprehensive, unified Vblock System monitoring	• Unify monitoring across blade, network, storage, and virtual machine resources. • Integrate Vblock System monitoring as part of overall end-to-end IT monitoring processes.
Real-time, accurate view of dynamic infrastructures	• From a single dashboard, get a real-time view of the state of your Vblock System-supported IT application services. • Automatically identify Vblock System components as they are added, moved, or removed.
Service-centric view of Vblock System environments	• Automatically identify, build, and dynamically maintain a model of relationships between Vblock System components and the services they support. • Visualize workload relationships across Cisco UCS compute, EMC storage arrays, VMware virtualization, and Cisco networking.
Faster incident resolution	• Use patent-pending confidence ranking engine technology to automate root cause analysis for Vblock System environments. View list of probable causes ranked by confidence level.
Enterprise scalability	• Unified, highly scalable platform designed from the ground up to meet monitoring requirements of any size enterprise. • Proven ability to deploy across some of the largest organizations in the world, monitoring tens of thousands of business-critical devices.

About Zenoss, Inc.

Zenoss is a leading provider of unified IT monitoring and management software for physical, virtual, and cloud-based IT infrastructures. Over 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.

zenōss

11305 Four Points Drive
Building 1, Suite 300
Austin, TX 78726, USA

Phone: +1-512-687-6854
Toll-free: +1-888-936-6770
www.zenoss.com