

5 KEYS TO VIRTUALIZATION ZEN

Virtues for Making Your Virtual Environment Hum



1 PATIENCE IS A VIRTUE, AS LONG AS YOU SEE EVERYTHING IN REAL TIME.

To meet the basic requirement of knowing your environment, you must be able to capture and track changes as they occur. At a minimum you need to be able to monitor creation/deletion of virtual machines (VMs), pausing/stopping of VMs, and provisioning/de-provisioning of resources. You also need to track compute and storage assignments, monitoring VM and data store migrations from host to host in real time.

What you need: real-time configuration and relationship tracking.

2 THERE IS NO ROOT CAUSE TO HAPPINESS. HAPPINESS IS THE ROOT CAUSE.

In the end, what you need to know is how/whether application and service issues in your virtual environment are going to impact end users. Your virtualization monitoring solution should allow you to assess impact and expedite root-cause analysis before users are affected. This includes setting service host policies and having dashboards for real-time status of all storage and compute resources.

What you need: service impact and root-cause analysis.

3 HARMONY IS DWELLING IN THE ENTIRE STACK.

Virtualization management and monitoring tools may tell you what's going on with host operating systems and VMs, but that's a small part of the entire stack. For effortless deployment, automated root-cause analysis and end-to-end performance tuning, you need to see the entire physical and virtual picture.

What you need: a unified platform for broader environment monitoring.

4 THREE THINGS CANNOT BE LONG HIDDEN: THE SUN, THE MOON AND THE NEED FOR ZENPACKS.

Most of virtual environments are ephemeral. To manage them, you need a flexible platform that can be customized with standard APIs or through extensions (plug-ins) for the broadest coverage. Choose a solution that enables you to unify, enhance and extend your monitoring capabilities without the need to replace existing tools.

What you need: a platform that's architected to be extensible (we call these extensions ZenPacks).

5 YOU ARE SHAPED BY YOUR MULTI-HYPERVISOR SUPPORT.

In the hierarchy of needs, this is a simplistic yet critical requirement. Relying on single-hypervisor management solutions inherently means you're locked in. For mergers and acquisitions, full or partial cloud migration, new application support or simply infrastructure diversification, most organizations eventually need to support multiple hypervisors.

What you need: a hypervisor-agnostic platform.

Zenoss makes managing virtualized environments and virtualization monitoring easy and less expensive. The Zenoss hybrid IT monitoring platform allows you to comprehensively monitor resource performance and availability across the entire stack, including network, storage, applications and more, regardless of physical or virtual location.

Interested in learning more about what it takes to migrate to a hybrid IT monitoring platform? [Contact us today](#) to set up a time to see a demo.

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