

VMware vSphere Health Check

Overview

You've made significant investment to virtualize your computing environment – let an expert help you get the most from your investment. Virtualization touches many aspects of your data center such as servers, networks and storage, and the organization and processes that control them.

An E-Safe Certified Professional consultant will work with your team to understand your unique environment and provide guidance on the current best practices for configuring and managing VMware vSphere. Working together with your team, the consultant will review your VMware vSphere environment and provide concrete, actionable recommendations to optimize your virtual infrastructure.

Benefits

- Optimize VMware vSphere performance
- Maximize resources through efficiencies and roadmap for future improvements
- Mitigate risk by leveraging experienced consultants and proven best practices

Deliverables

- Collect data and conduct assessment of VMware vSphere
- Identify potential opportunities to optimize configuration and improve performance
- Hold an interactive workshop to facilitate knowledge transfer on VMware vSphere best practice

Target Audience

Architect and administrators are currently using VMware ESX and VMware vCenter who have three or more months of experience with VMware vSphere

Key Activities

Action	Responsibility
Kickoff call	All
Architect and operations review	All
Technical audit and analysis	Consultant
Operational analysis including consideration of business objectives	Consultant
On-site wrap up	All
Create Assessment Report	Consultant
Review Final assessment report	All

Scope and Pricing

Flexibility, based on your Environment

Requirements

- Existing VMware vSphere including VMware ESX
- Administrator (root) access to VMware installations
- Conference room with projector and networked desktops/laptops running MS Windows 2000 or higher

Have your environment checked by an E-Safe Professional today!



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E-Safe's Philosophy

E-Safe will provide a Virtual Infrastructure Health Check focusing on Storage, Network and the vSphere environment.

Evaluate the following vSphere Settings to ensure best practices are followed

- Availability/Manageability
 - Host
 - Hardware
 - Storage
 - Virtual Datacenter
 - Virtual Machines
- Performance
 - Host
 - Network
 - Storage
 - Virtual Datacenter
 - Virtual Machines
- Capacity Planning
 - Gather performance and utilization data in the following areas for ESX, Storage and Networking devices:
 - What is the current utilization?
 - How much additional capacity is remaining?
 - Processor/Memory utilization
 - Switch to SAN link utilization
 - Switch to VM link utilization
 - Disk IOPS
 - Link utilization
 - Fiber Switch utilization
 - Capacity utilization
 - Gather capacity and utilization information to project the existing workload capacity of the VMware environment
 - How many additional VM's can be added?
 - Which VM's are over allocated?
 - Which VM's are under allocated?
 - Organize data and present findings
 - Present existing server utilization
 - CPU
 - Memory
 - Disk I/O
 - Network I/O
 - Present existing storage utilization
 - Free
 - Used
 - Total

E-Safe Service Delivery Philosophy

Assess

Design

Prove

Train

Deploy

*Start with a Plan,
Finish with Success!*

For More Information

More information about VMware Software and services is available from www.e-safetech.com or call 1.877.ESAFE01 to speak with an E-Safe representative.

