

AT A GLANCE

- Optimize and prepare your vSphere virtualization environment
- Identify design gaps that may impact future virtualization growth
- Capitalize on VMware best practices to help ensure your production environment is based on proven industry design standards

Confidence in your virtualization platform*Optimizing your vSphere virtualization architecture to meet the growing demands of your business*

You built your virtualization platform on VMware[®] vSphere[®], the industry-leading virtualization infrastructure provider. Now you want to be confident in enabling your users to run business-critical applications with confidence and respond to business needs faster. You may be considering upgrading to the latest vSphere release or expanding your environment to further enhance your IT infrastructure. Before you start, invest in a thorough review to ensure you have a solid foundation in place.

VMware vSphere Design Review Service

As an integral component of your overall IT strategy, it is important to know if your current virtualization implementation is meeting the needs of the business. As your IT environment grows and changes to meet the demands of the business, your virtualization strategy and design must adapt and change as well. If the virtualization design you have in place today is the same one you started with, it's probably time to examine that environment. The vSphere Design Review Service assesses your current vSphere environment's design and identifies design gaps compared to current best practices and standards. You will benefit from a detailed analysis of your current production vSphere infrastructure, enabling your team to prepare for product upgrades, virtualization expansion, new business demand or IT initiatives. This service provides a comprehensive solution to meet your increasing demands on your IT infrastructure.

Our Approach

Optimally designed virtualization architectures are the foundation of successful implementations. In order to provide a comprehensive review of your virtualization design, VMware consultants follow an established phased approach which includes:

- **Engagement Kickoff and Data Gathering:** VMware consultants will work with your team to capture the business and technical requirements, gather design documentation, prioritize requirements and map the requirements to the vSphere reference architecture
- **Technical Discovery:** Identifies documentation gaps in the planned design to the production system and technical requirements that may cause a deviation from the current vSphere reference architecture. VMware consultants will conduct a design session to illustrate the available architecture options relative to the technical requirements and evaluate the requirements against specific, measurable, accurate, realistic and testable criteria.
- **Architecture Design Review:** Based on the data gathered during the technical discovery phase, VMware consultants will evaluate your vSphere implementation against VMware reference architectures and identify any design gaps to determine adherence to VMware best practices.
- **Analysis Session:** VMware consultants will work with your IT operations virtualization teams to review findings and provide appropriate pre- and post-production technical and operational best practices to help improve the day-to-day management of your vSphere platform.

RELATED SERVICES

VMware Professional Services provides a range of consulting services to assess, design, and deploy a solid virtualization foundation and the right cloud solution for your business.

- **vSphere Upgrade**
Accelerate deployment of the latest vSphere release through an on-site upgrade. The Upgrade service combined with the ESX to ESXi Assessment and Migration service can help you fully transition to vSphere 5 and experience the full benefits of both ESXi and the latest release of vSphere.
- **ESX to ESXi Assessment and Migration Service**
Kick off your transition to ESXi. Our VMware experts will conduct a knowledge transfer workshop on the functionality and methodology to migrate to ESXi, analyzing the readiness of your environment and estimating the effort required to migrate from ESX to ESXi.
- **vSphere Plan and Design** Good planning leads to better outcomes. VMware consultants deliver a comprehensive logical architectural design for VMware vSphere that addresses your requirements, and leverages VMware best practices.

Project Deliverables

At the end of the engagement, VMware consultants will provide a comprehensive vSphere Design Review report and presentation that includes:

- VMware ESXi configuration: Memory, swap configuration, disk partitioning, storage, virtual networking and production versus test/development environmental considerations
- Virtual machine resource allocation
- Capacity Management: Best practices and industry standards, discussion of tools used for monitoring and reporting, resource allocation impacts, review of memory over allocation
- Availability Management: VMware vMotion, hardware monitoring, best practices and tools
- Continuity Management: Disaster Recovery considerations, VMware ESXi Recovery best practices
- Virtual Machine adoption criteria: Virtualization candidates and recommendations, server profiling requirements, staging environment requirements, application dependencies
- System Integrity and Security: VMware ESC access control audit and accountability, antivirus considerations, security patch management
- Provisioning: ESXi specific boot and provisioning, network install, standard ESXi class boot

Note: ESX and ESXi are interchangeable.

Scope and Pricing

This is a custom service; scope and pricing will vary depending your specific environment and individual requirements.

Get Started Today

For more information about VMware Professional Services, see www.vmware.com/services and from your locale VMware representative.

