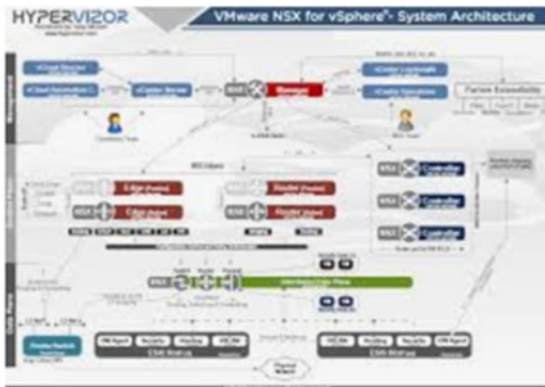


Why You Need a vSphere Upgrade



The VMware vSphere Upgrade, delivered by a Seamless Advanced Solutions, examines the VMware infrastructure that supports an organization's global production environment. Professional Services experts validate technical consistency, examine the use of good practices, and identify areas where potential system degradation and bottlenecks can impact system health.

The VMware vSphere Upgrade identifies gaps in current practices and areas of concern and also

provides remediation recommendations. These topics are discussed during follow-up workshops, and formalized recommendations are documented and presented at the conclusion of the engagement.

Throughout the engagement, your IT Support Team will benefit from the knowledge transfer and whiteboard discussions with the Seamless Professional Services Team. Your IT Support Team will learn VMware best practices, implementation insights, and the impact of the environment design on performance and manageability. At the conclusion of the engagement, you will have an actionable, prioritized roadmap of recommended changes.

VMware vSphere Upgrade will:

- Deliver a best practice assessment of the existing VMware vSphere Deployment.
- Provide insights into VMware vSphere environment.
- Apply VMware best practices.
- Optimize the vSphere environment for performance, scaling, and manageability.

VMware vSphere Upgrade is ideal for organization that wants to:

- Optimize the vSphere environment.
- Maximize resources through more efficient use and creating a roadmap for future improvements.
- Help mitigate risk by leveraging proven good practices.
- Validate environment in preparation for an audit or review.
- Complete a pre-production design review.
- Perform a proactive, diagnostic Health Check to maintain a highly optimized environment.
- Identify configuration changes to improve performance or address operational challenges.

About Seamless Advanced Solutions

The Seamless Professional Services Team consists of Engineers and Project Managers that hold all of the requisite VMware certifications together with Consultants and Architects that develop VMware design options with VMware best practices and methodologies to ensure consistency and the highest level of infrastructure performance.

Contact Seamless Advanced Solutions:

Seamless Advanced Solutions
7786 Blankenship Dr.
Houston TX 77055

E: contactus@sas-us.com
Web: www.sas-us.com



vSphere Upgrade	SAS	Client
Customer Requirements Gathering Phase		
Hold conference call meeting with Client to collect and document business requirements, technical requirements, business constraints and technical constraints of the assessment	✓	
Gather and review current documentation of the data center equipment	✓	
Gather and review current documentation of the physical environment	✓	
Gather and review current logical configuration standards	✓	
Gather and review current physical installation and operational standards	✓	
Virtual Infrastructure Health Check Upgrade		
Install, configure discovery tools and Perform discovery of all Virtual environment equipment (server, storage, network etc.)	✓	
Compile configuration information for virtual infrastructure equipment	✓	
Determine associated infrastructure resources for particular applications/services	✓	
Examines the server specifications, maintenance, and setup procedures. Review virtual infrastructure utilization.	✓	
Engineer meets with key stakeholders to gather fears, needs, concerns based on discovery tool output to gather additional requirements and identify pit falls	✓	
Analyze all information to determine any major misconfigurations	✓	
Decipher and recommend changes based on collected data	✓	
Determine workload distribution recommendations based on collected data	✓	
Determine feasibility of migrating workloads to the cloud	✓	
Create or modify virtual infrastructure diagram based on collected data	✓	
Create documentation detailing the results from discovery exercise	✓	
Additional Tasks		
Configure role based access for defined security groups	✓	
Configure auditing rules based on define security groups and required triggers	✓	
Develop security recommendations around the integration of the DMZ with existing clusters	✓	
Documentation		
Provide Client with the documentation detailing the result of the data center discovery exercise. This may include, but is not limited to, diagrams, inventory lists, configuration information, application infrastructure mapping etc.	✓	

Assumptions			SAS	Client
Virtual Infrastructure Health Check Upgrade				
Client to provide remote access to Client's engineering team to conduct assessment				✓
Client to provide access to the Client's engineering team to collect information on current configuration, and define any business requirements that will impact the project				✓
Client to provide copy of all documentation (physical, standards, configuration etc.) relating to data center infrastructure				✓
Client to provide the engineering staff necessary access to any administration/management tools				✓
Client to provide access to the Clients engineering team to answer questions on application topologies				✓
SAS Engineering staff may run discovery tools on Client's environment	✓			✓
Client to provide access to the client engineering to collect any current logical and physical configurations				✓
Client to provide an IP address for tools laptop, seed router IP address, SNMP community string, validation of change control documentation, validation of notification of network security department, and any scheduling information defined by Client				✓
Discovery agent and necessary supporting infrastructure to be allowed to run for minimum of two weeks up to two months on Client's infrastructure				✓
Client to provide site specific information such as Equipment floor plans (data center, server farms, wiring closets), Building wiring diagram and Site cable plan				✓
Documentation				
Client to provide remote engineering resource to provide the required information				✓
PST will work with in conjunction with Client's engineering resources to gather the required information	✓			✓