VMware vCloud™ Director Jumpstart

Overview

The **VMware vCloud Director Jumpstart** provides customers with accelerated knowledge transfer and an opportunity to understand how vCloud Director fits in the customer's environment, guided by a VMware expert. By exploring the technology in a non-production environment, the customer can gain the confidence and understanding needed to consider the requirements for designing and deploying a production VMware vCloud Director environment.

Target Customers

- Enterprise customers, Hosting and Service Providers who have adopted VMware vSphere™ as their virtualization platform and have virtualized a significant share of their server environment, including key business applications.

- Enterprise customers who face the following challenges to optimizing and expanding their virtualization environment:

  - VM sprawl

  - Reduced efficiency of deployed vSphere hosts (e.g. due to "islands" or "silos")

  - Desire to pool disparate resources for greater efficiency and business agility

  - Increasing end-user demands for faster provisioning and ability to self provision

  - Increased use of external service providers for IT capacity and associated data security concerns

  - Multi-tenancy needs

  - IT Cost Management and SLA mandates

Benefits

- Gain confidence with vCloud Director

- Understand the architecture and logical constructs of the vCloud Director solution and its components

- Identify deployment requirements and considerations for vCloud Director

- Be better prepared to implement VMware vCloud Director

Deliverables

- Detailed knowledge transfer workshop including group discussion and white-boarding sessions on key topics related to VMware vCloud Director

- On-site installation of a limited capacity, isolated, non-production of a VMware vCloud Director and compatible VMware security and networking technologies for vCloud Director

Knowledge Workshop: Topics Covered

- Features and functions of VMware vCloud Director components and conceptual and logical architecture, and integration of these components

- Provisioning, consumption, resource pooling, networking, security, and chargeback options and benefits compared to traditional methods

- Discussion of using service catalogs to provision vApps within a cloud environment

KEY ACTIVITIES
Pre-engagement call
Engagement Kickoff
Product Overview
Knowledge Transfer Workshop
Installation and configuration
vCloud Director setup and administration
Cloud consumption model discussion
Engagement wrap-up

Roles and Responsibilities

- VMware Consultant: Conduct workshop, setup and configure vCloud Director components and technologies, provide knowledge transfer of a demonstration vCloud solution in an isolated, non-production environment

- Customer Project Manager: Planning and coordinating IT functions and engagement logistics

- Customer vSphere, Storage, Database and Network Administration personnel: Provide and maintain an operational non-production environment for the demonstration vCloud installation. Meet Customer Prerequisites and Requirements as described below.

- Customer Enterprise and/or Cloud Architects, vSphere, Storage, Database and Network Administration personnel and Project Manager: Attend workshops, collaboration sessions and demonstrations.

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Scope and Pricing

- Up to five (5) days onsite
- Maximum of five (5) customer participants
- SKU: CON-VCLOUD-JS

Contact your local VMware representative for pricing.

Customer Prerequisites and Requirements

- vSphere operational and administrative experience and ability to stand up vSphere installations

- Minimum of two (2) 64-bit x86, two socket, quad-core (or equivalent) dedicated ESX/ESXi version 5/4.1 hosts with a minimum of 32GB RAM and two (2) physical network interface cards (more preferred)

- vSphere, Enterprise or Enterprise Plus installed and configured (Enterprise Plus required for advanced networking features)

- Virtual machines:
  - vCenter Server VM
  - Compatible RHEL VMs (clean installation with current VMware Tools installed), and compatible Oracle database with DBA access
  - An active RHEL subscription or an alternative set of packages pre-installed (list to be provided)
  - Windows Server 2008 64-bit or other supported VMs (patched and with current VMware Tools installed)

- Access to DNS, AD, and NTP services

- Network
  - IP addressing topology for internal private networks and external public internet networks (as needed)
  - Three (3) VLANs for use by vCD configured on physical switches (four (4) VLANs preferred)

- Storage
  - Minimum of two (2) 500GB datastores
  - (Optional) NFS shared storage availability

- Customer must have at least two (2) virtualized application base image templates to load into a vCloud Director service catalog, each with the following attributes:
  - Up to three interdependent VMs with no external dependencies
  - Preferably, a multi-tiered business application such as a Web front-end in conjunction with a back-end database

- All hardware components provided by Customer must be supported as per the VMware Hardware Compatibility List

For More Information

For more information about VMware products and services go to www.vmware.com or contact your local VMware representative.

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