

VMware View: Design Best Practices

Delivery Methods

- Instructor-led training
- Live-online
- Onsite training

Course Duration

- Three days of instructor-led training
- 50% lecture, 50% case-study activities

Target Audience

- Consulting professionals
- Solution architects
- System architects
- System administrators
- IT managers

Course Suitability

- | | |
|---|--|
| <input type="checkbox"/> Administrator | <input type="checkbox"/> Expert |
| <input type="checkbox"/> Engineer | <input checked="" type="checkbox"/> Advanced |
| <input checked="" type="checkbox"/> Architect | <input type="checkbox"/> Professional |
| | <input type="checkbox"/> Fundamentals |

Prerequisites

- Completion of VMware View: Install, Configure, Manage or equivalent experience with View
- Completion of VMware vSphere: Install, Configure, Manage or equivalent experience with vSphere

Pricing

Contact your VMware representative or a VMware Authorized Training Center for pricing information.

More Information

Courses are conveniently scheduled around the world. Go to <http://www.vmware.com/education> to find the class that is right for you.

Onsite training is available for customers who prefer to bring a VMware Certified Instructor to their own facilities. For more information about onsite classes, including facility requirements, go to <http://www.vmware.com/education>.

Course Overview

This course presents a methodology for designing a VMware® View™ solution for the VMware vSphere® infrastructure. The design methodology includes recommendations for the type of information and data that must be gathered and analyzed to make sound design decisions for client systems, desktop options, the vSphere infrastructure, and View components.

The VMware recommended best practices are presented during each phase of the design process. You will work with other participants to design a View solution for a real-world project.

Course Objectives

By the end of the course, you should understand the principles involved in designing a View solution and be able to do the following:

- Identify design goals, requirements, and constraints
- Identify information that is required for design decisions
- Recognize situations that benefit from best-practice recommendations
- Use the recommended design process
- Analyze design choices in the following areas:
 - VMware® View Manager™ infrastructure
 - View desktop options
 - vSphere infrastructure
 - Network infrastructure
 - Storage options
 - Client-access devices
 - End-user management
- Construct a comprehensive View solution

Course Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	6 View Pod and Block Design <ul style="list-style-type: none"> • Designing the View infrastructure • Choosing an authentication solution • Designing a load-balancer solution
2 Design Methodology <ul style="list-style-type: none"> • General design process • Elements of a successful View solution • A design process for View solutions 	7 VMware Infrastructure Design <ul style="list-style-type: none"> • Mapping View infrastructure requirements to vSphere 5 • Sizing VMware ESXi™ hosts for CPU and memory • Sizing VMware® vCenter Server™ systems • Sizing network capacity for PCoIP and RDP
3 Use-Case Definition <ul style="list-style-type: none"> • Identifying use cases and their characteristics • Options for collecting performance data 	8 Storage Design <ul style="list-style-type: none"> • Designing the storage solution • Sizing datastores based on capacity and performance metrics • Deploying tiered storage for VMware® View Composer™ linked clones
4 Pool and Desktop Design <ul style="list-style-type: none"> • Mapping use cases to View pools • Design decisions for pool configurations • Configuring and optimizing virtual desktops 	9 End-User Session and Client-Device Design <ul style="list-style-type: none"> • Managing end-user personas and sessions • Best practices for using Active Directory in a View environment • Designing a View Persona Management solution • Selecting client devices
5 Remote Display Protocols <ul style="list-style-type: none"> • Designing the access infrastructure • Comparing PCoIP and Remote Desktop Protocol (RDP) design considerations • Determining when to use PCoIP optimization controls • Configuring PCoIP tuning parameters for a use case 	



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com
 © 2012 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.