

VMware View: Desktop Fast Track

Delivery Methods

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

Course Duration

- Five extended-days of instructor-led training
- 60% lecture, 40% hands-on lab / case study

Target Audience

- Solution architects
- System architects
- System administrators
- Application administrators
- IT managers

Prerequisite

- 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. Please visit www.vmware.com/education to find the class that is right for you.

Onsite training is also available for customers who prefer to bring a VMware Certified Instructor to their own facilities. For additional information about onsite classes, including facility requirements, contact www.vmware.com/education

Course Overview

This fast-paced, extended-hour training course includes the content of the following courses:

- VMware View: Install, Configure, Manage
- Application Virtualization with VMware ThinApp
- VMware View: Design Best Practices

This hands-on training course builds your skills in the VMware View™ suite of products: VMware View Manager, VMware View Composer, and VMware® ThinApp™. It will provide applications-oriented administrators with the knowledge and skills to virtualize Windows applications with ThinApp and to choose the best deployment and updating processes for their environment. The course will also present a methodology for analyzing and designing a View solution for the VMware vSphere™ infrastructure.

The course is based on View 4.5 and ThinApp 4.5 and 4.6. It includes a prepaid voucher for the VMware Certified Associate 4 – Desktop examination.

Course Objectives

At the end of the course, you should understand the features and operation of View, View design principles, and ThinApp operation. You should be able to do the following:

- Install and configure View components
- Create and manage dedicated and floating desktop pools
- Deploy and manage linked-clone virtual desktops
- Configure and manage desktops that run in local mode
- Configure secure access to desktops through a public network
- Use ThinApp to package applications

- Describe the major components of the ThinApp architecture
- Modify `Package.ini` parameters to increase the variety and complexity of applications that can be virtualized
- Use Application Link to dynamically link application components like Microsoft .NET to multiple applications
- Use Application Sync to update applications deployed from servers
- Troubleshoot problems with ThinApp packages
- 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:
 - View Manager infrastructure
 - View desktop options
 - vSphere infrastructure
 - Network infrastructure
 - Client access devices
 - End-user management
- Construct a comprehensive View solution



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View: Install, Configure, Manage Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	7 Configuring and Managing Linked Clones <ul style="list-style-type: none"> • View Composer • Deploying and provisioning linked-clone desktops • Managing linked-clone desktops • Managing persistent disks
2 Introduction to VMware View <ul style="list-style-type: none"> • View features and components 	8 Local-Mode Desktops <ul style="list-style-type: none"> • Local-mode desktops • View Transfer Server and Transfer Server repository • Local-mode operations
3 View Connection Server <ul style="list-style-type: none"> • Installation and configuration 	9 Command-Line Tools and Backup Options <ul style="list-style-type: none"> • vdmadmin utility • Clients in kiosk mode • Backing up the View databases • Restoring the View databases
4 View Desktops <ul style="list-style-type: none"> • View Agent • PCoIP and other remote display protocols • USB redirection and multimedia redirection 	10 Managing VMware View Security <ul style="list-style-type: none"> • View security server • Network configuration and authentication options
5 View Client Options <ul style="list-style-type: none"> • View Client • View Client with Local Mode • Thin clients • Virtual Printing 	11 View Manager Performance and Scalability <ul style="list-style-type: none"> • Replica connection servers • Performance considerations and load balancing
6 View Administrator <ul style="list-style-type: none"> • Configuring automated pools of dedicated and floating desktops • Role-based delegated administration • Managing ThinApp applications with View Manager • Monitoring the View deployment 	12 VMware ThinApp <ul style="list-style-type: none"> • Using ThinApp to capture applications • Deploying and updating ThinApp packages • Virtualizing Internet Explorer 6 for use on a Windows 7 system



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Application Virtualization with VMware ThinApp Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	5 Building Applications with Application Link <ul style="list-style-type: none"> • Application Link features • Application Link parameters in the <code>Package.ini</code> file
2 VMware ThinApp Architecture <ul style="list-style-type: none"> • Architecture that supports a virtualized application • Relationships between the ThinApp runtime, the virtual file system, and the virtual registry 	6 Deploying and Updating Applications <ul style="list-style-type: none"> • EXE files versus MSI files for local application deployment • Streaming applications from servers • Using the versioning model to update applications • Using Application Sync to update applications
3 Packaging Applications <ul style="list-style-type: none"> • Capturing and virtualizing an application 	7 Performance and Troubleshooting <ul style="list-style-type: none"> • Performance considerations • Troubleshooting ThinApp packages
4 Modifying Package.ini Parameters <ul style="list-style-type: none"> • Entry points, access control, and isolation parameters • The sandbox folder and the <code>sbmerge.exe</code> utility 	

View: Design Best Practices Modules

1 Course Introduction <ul style="list-style-type: none"> • Introductions and course logistics • Course objectives 	5 VMware View Pod and Block Design <ul style="list-style-type: none"> • Designing the access infrastructure • Design decisions for remote display protocols • Designing a load-balancer solution • Designing the View infrastructure
2 Design Methodology <ul style="list-style-type: none"> • General design process • Elements of a successful View solution • A design process for View solutions 	6 VMware Infrastructure Design <ul style="list-style-type: none"> • Mapping View infrastructure requirements to vSphere • Sizing VMware ESX™/ESXi hosts for CPU and memory • Sizing configuring 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 	7 Storage Design <ul style="list-style-type: none"> • Designing the storage solution • Sizing datastores based on capacity and performance metrics • Deploying tiered storage for 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 	8 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 • Managing user profiles in a View environment • Selecting client devices



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