



# VMware View Install, Configure, and Manage

# View

**Length**  
4 days

**Format**  
Lecture/lab

**Track**  
Support

**Version**  
4.5

## Course Description

This hands-on training course builds your skills in the VMware View suite of products: VMware View Manager, VMware View Composer, and VMware ThinApp™.

## Who Should Attend

Systems administrators and systems integrators experienced with VMware vSphere who are responsible for their organization's deployment of VMware technology for virtual desktop infrastructure.

## Required Prerequisites

- Experience in Microsoft Windows Active Directory (AD) administration
- Experience with VMware vSphere

## Recommended

- Completion of VMware vSphere: Install, Configure, Manage
- VMware vSphere: Install, Configure, Manage [V4]

## Learning Objectives

After you complete this course, you will be able to:

- Install and configure the VMware View components
- Create persistent and non-persistent desktop pools
- Configure virtual desktops for printing, USB redirection, and multimedia redirection
- Configure authentication using devices such as smart cards or cryptographic authentication fobs
- Use VMware View Composer to deploy and manage linked clone virtual desktops
- Package applications using VMware ThinApp for a VMware virtual desktop infrastructure



Learning  
Solutions



# VMware View

## Install, Configure, and Manage

### Course Outline

#### **Module 1: Introduction to VMware View**

- VMware View features and components

#### **Module 2: VMware View Connection Server**

- Installation and configuration
- View Administrator

#### **Module 3: VMware View Virtual Desktops**

- VMware View Agent
- PCoIP and other remote display protocols
- USB redirection and multimedia redirection

#### **Module 4: VMware View Client Options**

- VMware View Client
- VMware View Portal
- Thin clients and Offline Desktop

#### **Module 5: View Administrator**

- Configuring automated desktop pools
- Persistent and nonpersistent pools

#### **Module 6: Configuring and Managing Linked Clones**

- VMware View Composer configuration
- Deploying and modifying linked clone desktops

#### **Module 7: Unified Access**

- Accessing physical systems, blade PCs, Terminal Services

#### **Module 8: Virtual Printing**

- Seamless printing from desktop to client printers

#### **Module 9: Managing View Security**

- Network configuration and authentication options

#### **Module 10: View Manager Performance and Scalability**

- Performance enhancements and load balancing

#### **Module 11: VMware ThinApp**

- Deploying applications using VMware ThinApp



Learning Solutions

# VMware View

## Install, Configure, and Manage

### Lab 1: Installing and Configuring the View Connection Server

- Add an ESXi host to the vCenter Server inventory
- Confirm setup of the virtual machine to be used as the connection server
- Install View Connection Server software
- License View Manager
- Associate a vCenter Server system with the View Connection Server
- Configure an event database

### Lab 2: Installing the View Agent in Desktops

- Create a vCenter Server resource pool for View desktop pools
- Prepare the Windows XP desktop
- Install the View Agent
- Establish a Remote Desktop Connection to the virtual desktop

### Lab 3: Creating and Entitling a View Desktop

- Clone a Windows XP virtual machine to a template
- Modify the customization specification that will be used to clone Windows XP desktops
- Deploy a second Windows XP desktop virtual machine from the template
- Confirm correct deployment of the virtual machine
- Create two manual pools, each with one desktop virtual machine
- Entitle the manual pool

### Lab 4: Installing the View Client

- Install the View Client
- Connect to a virtual desktop
- Clone a second client virtual machine

### Lab 5: Configuring and Using Virtual Printing

- Install and use a virtual printer
- Configure a virtual printer instance on the virtual desktop

### Lab 6: Modifying Global View Settings

- Modify three global settings values
- Limit vCenter Server provisioning operations

### Lab 7: Managing Users and Sessions

- Use View Administrator to disconnect a logged-in user and reset a virtual desktop
- Retrieve information about specific users
- Examine recent connection server events

### Lab 8: Creating and Using Automated Pools

- Set up a vCenter Server folder for virtual desktops in a pool
- Create an automated pool with dedicated assignment desktops
- Verify the creation of the pool by connecting to a desktop
- Test a second concurrent connection to a desktop in the pool
- Delete the automated pool for dedicated desktops
- Create an automated pool with floating desktops
- Test the provisioning on the automated pool by connecting to a floating assignment desktop
- Test the destruction of the floating assignment desktop
- Delete the automated pool for floating desktops

### Lab 9: Role-Based Delegated Administration

- Create a View Folder
- Move a pool into a new folder
- Modify permissions on a folder
- Verify permissions on a folder
- Use a global permission to allow a user or user group limited access to the View environment
- Remove all administrator permissions

# VMware View

## Install, Configure, and Manage

### Lab 10: Accessing VMware ThinApp Applications with View Desktops

- Configure the ThinApp application repository
- Scan and install ThinApp MSI packages on selected desktops
- Confirm the installation of the virtualized Foxit Reader application
- Remove the virtualized Foxit Reader from a desktop

### Lab 11: Installing View Composer

- Prepare the vCenter Server system for View Composer
- Install View Composer on the vCenter Server system

### Lab 12: Deploying Linked-Clone Desktops

- Take a baseline snapshot from the parent virtual machine
- Enable View Composer and authorize the View administrator for use by QuickPrep
- Create an automated pool of linked-clone desktops
- Test an individual linked-clone desktop

### Lab 13: Modifying Linked-Clone Desktops

- Modify a single linked-clone desktop
- Make a global change for all linked-clone desktops

### Lab 14: Managing Linked-Clone Persistent Desktops

- Detach a View Composer persistent disk from a linked-clone desktop
- Attach the detached persistent disk to another linked-clone desktop as a secondary disk
- Verify that the secondary disk is the persistent disk from the first linked-clone desktop

### Lab 15: Configuring a View Security Server

- Install and configure a View security server
- Test the operation of the View security server
- Configure a View security server for client access over the Internet

### Lab 16: Configuring a View Replica Server

- Install and configure a View replica server
- Test the View replica server

### Lab 17: Installing VMware ThinApp

- Install ThinApp on a clean virtual machine

### Lab 18: Capturing Applications with VMware ThinApp

- Perform a pre-installation scan
- Install and configure the application
- Perform a post-installation scan
- Package the configuration
- Build the virtual application package

### Lab 19: Deploying an Application Captured with VMware ThinApp

- Deploy the Firefox package to a desktop
- Use the submerge.exe utility to update the Firefox package

### Lab 20: Packaging Internet Explorer 6 (IE6) with VMware ThinApp

- Package IE6 with ThinApp
- Install the VirtIE6 package on the Windows 7 parent virtual machine and confirm that it operates correctly
- Recompose the linked-clone pool and verify the operation of the IE6 package on a desktop