



## VMware View Manager 3

### INTRODUCTION

V1.0.0

The vSphere suite of products consisting of: ESX Server 4.0, VirtualCenter 4.0 and VMware Consolidated Backup, is both exceptionally powerful and comprehensive. Our VMware View Manager 3 course builds on this technology and is intended for students with production experience in the Infrastructure 3 product suite. It is our intention to take your existing knowledge base and expand upon that.

### CLASSROOM SETUP

Each student will have a Windows Server 2003 or XP workstation. Our classroom lab will share a cluster of ESX Servers, a variety of different Storage solutions (SAN, NAS, ISCSI, local, etc..) as needed, a vCenter Server, View Connection Server, View composer Server, software and hardware thin clients, access to many already pre-configured VM's (Microsoft, Novell, Red Hat, Ubuntu ...etc), and additional software as needed.

### PRE-REQUISITES

- ESX Server familiarity
- VirtualCenter or vSphere usage
- VirtualCenter or vSphere administration
- Excellent familiarity with Windows
- Some familiarity with Linux

### COURSE OUTLINE

#### Module 1 – Introduction to the Thin Client

- Benefits and Advantages of Thin Client
- Thin Client Computing
- RDP Protocol
- Software and Hardware thin clients
- View Client
- View Portal

#### Module 2 – VMware View – Install and Architecture

- VMware Architecture
- Overview of VMware I3/vSphere architecture
- Overview of view connection server
  - Standard Server Installation
  - Replica Server Installation
  - Security Server Installation
- Overview of view composer
- Hosted Virtual Desktops
- Database support
- SQL setup for Composer



## Module 3 – View Manager 3 Administrator

- Overview of View Administrator
- Configuration View
- Desktop and Pools View
- Events View

## Module 4 – Virtual Desktop Deployment

- Overview of Virtual Desktop deployment
- Preparation for the guest system
- Individual desktops and mapping
- Automated desktop pools
- Manual Desktop Pools
- Entitlements of Desktops and Pools

## Module 5 – Client Management

- View Client and View Portal comparison and setup
- Client connections over the internet
- Considerations for using existing SSL Certificates
- View Client command line options
- SSL Certificates and the view client
- Virtual Printing and Printing mappings

## Module 6 – View Composer

- Overview of View Composer
- vCenter requirements for view composer
- Setup manager and sysprep
- Customization Specification
- Parent VM setup and configuration
- Linked Clone Deployment within View Manager
- Linked Clone desktop Databases

## Module 7 – View Manager Offline Desktops

- Overview of Offline Desktops
- View Client with Offline Desktops use
- Offline Desktop and synchronization



## Module 8 – Unified Access in the enterprise

- Prepare Multiple Back-End Machines to Access Remote Desktops
- Entitlement with Users and Groups to a Desktop
- Installing the View Agent on Unmanaged desktops
- Add and Change Desktop Sources
- Enable and Disable a Desktop
- Deleting a desktop
- Unregister desktops

## Module 9 – AD Group Policies

- Group Policies
- Power Policy Configuration
- Client Policies
- Computer GPO Policies
- User GPO Policies

## Module 10 – Troubleshooting View Manager 3

- View Manager Diagnostic Information
- The ESX/vSphere infrastructure
- View Manager Logs
- Troubleshooting Information