



Rock Solid Technical

VMware View 5 Accelerated 4 Day Class



Become a VMware Virtualization Master.

This Rock Solid VMware View 5 Class includes the Virtualization Council's View Administrator Professional (VC-VAP) certification; the leading certification in the industry for Virtual Enterprise Architects. This certification validates your skills on designing and optimizing VMware® environments coupled with intensive training on a wealth of third-party applications that are invaluable when designing and building a VMware enterprise.



WinSCP



vizioncore

vmware



Virtualization Council
Vendor Neutral Certification

VEEAM



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Welcome to Rock Solid Technical Services

Today more than ever business organizations are turning to virtualization deployments in order to help them overcome their operational and capital expenditure challenges. Rock Solid Technical Services delivers powerful VMware training, VMware certification and VMware consulting that help improve our customers IT infrastructure and provide key virtualization knowledge-sets to their personnel. Individuals will find our VMware virtualization training and certification invaluable to compete in today's tough job marketplace.

Since 1993, Rock Solid Technical Services has been providing leading edge technology training and consulting to thousands of IT professionals, who need to obtain skills on the most current vendor offerings. We currently specialize in Virtualization Solutions including VMware vSphere ESXi 4/5, vCenter 4/5 and the Infrastructure 3 suite of datacenter virtualization products. Find out why our VMware virtualization offerings will make your organization's virtualization of systems and people Rock Solid!

- Sherwood Cornforth, President, Rock Solid Technical Services

Why Choose a Rock Solid class for your VMware Training?

We at Rock Solid Technical Services know that you have a choice when choosing a VMware Training Provider, so we thought we would help you differentiate our training from the rest! Our maximum strength View 5 class blows away all other vendor training. Here are just a few of the potent features included in this class:

- ✓ **Lowest Class Sizes in the Industry** – All Rock Solid VMware View 5 classes are limited in class size to effectively give you more hands-on and the ultimate in exposure to expert instructors.
- ✓ **You Will Build Your Own Server:** In a VMware authorized class, multiple students may share one ESX/ESXi server that is located off-site. In our VMware View 5 class, each student installs, configures, and supports his or her own server throughout the class, from start to finish. This gives you, the student, the best learning environment available, allowing for a true hands on experience, rather than simply observing the technology.
- ✓ **Your Certification Included:** Rock Solid Technical Services offers independent certifications for virtualization professionals. A passing score will earn you the official certification as a VAP – View Administrator Professional! These certifications will validate your knowledge and set you apart from your peers.
- ✓ **You'll Work with More Third Party Tools Than Any Other Trainer Provider:** Our VMware View 5 class not only shows you what is supported by VMware, but we also show you what actual administrators in the field are using for solutions. There are many great third party products designed to support VMware products and we train you on them, including:
- ✓ **Extremely Lab Intensive:** Our VMware View 5 class is extremely lab intensive and is never the same twice. We cater to the students in the class to deliver a very enriched, targeted course, to suit the student's needs. In addition, we offer Live Labs where when you break it, you fix it! This is true knowledge transfer at its best. We provide you direct experience from the ground up on real hardware that is all on the VMware Hardware Compatibility list. This is proven to increase your learning experience, reduce problems in class and give you concrete skills for returning to the workplace.

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Why Choose a Rock Solid class for your VMware Training? - cont.

- ✓ **Accelerated Learning Delivery – You Save Time And Money**
 - **Time Savings:** We have taken out all of the overlap and marketing to condense our VMware View class down into a 4 day end to end solution.
 - **Cost Savings:** Our accelerated format pulls content from multiple courses, saving you well over \$10,000 in multiple course fees.
- ✓ **Certified Expert “Real World” Instructors:** Our instructors are Certified Virtual Infrastructure Professional and Master Infrastructure Architect Trainers and work hands on with the product on a daily basis, giving them an advantage in the classroom. Rock Solid does consulting as well as training, which sets our trainers apart from others. Our instructors are prepared to answer questions that might not be addressed in a scripted, off the shelf class.
- ✓ **GB’s of Student Downloads:** We provide students with content that is available for download after class.
- ✓ **Access to VMware Student Forum:** We provide our students with post class support via a web forum where students can post questions to our instructor team after class.
- ✓ **Experts in Virtualization:** All we do is virtualization. As the "new technology experts," our entire staff is dedicated to helping your company or organization with its' virtualization needs. Rock Solid Technical specializes in VMware vSphere, Citrix XenServer and XenDesktop, Microsoft Virtual Server or Hyper-V, and Virtual Iron.
- ✓ **All VMware View 5 classes are available in 3 different delivery formats**
 - **Classroom Based** - Instructor Led Fast Track Classes at our Locations
 - **LiveOnLine** - We provide a “remote learning” VMware View 5 class each month to meet your needs on a convenient and timely basis.
 - **Custom Onsite** – Dedicated intensive VMware Training at your facility
- ✓ **100% Rock Solid GUARANTEE**

Course Objectives

Upon the completion of Rock Solid’s VMware View 5 class, students will master:

ESXi Server 5	Resource statistics
vCenter 5	Storage VMotion
VMware View 5	VM Hardware v8
Linked Clones	Fault tolerance – VM shadow cloning
Connection Server Deployment	VMware Tools
vSphere Command line interface	Automated Desktop Pools
VMware View Connection Server	VMware Paravirtualized SCSI
VMXNET – generation 3	VMware View Composer
vCenter install requirements	Virtual Networking
Typical VM Build	Custom VM Build
Distributed Virtual Switch	Hot add Hardware
Resource Views	PCoIP
View Client with Local Mode	Virtual Printing
floating desktops	Local-mode desktops
vdmadmin utility	Backing up Restoring the View databases
USB redirection and multimedia redirection	

This exciting, hands-on, lab intensive course covers new items added to VMware’s newest version of VMware View. Students will be covering the many features of VMware View. This course has students install, administer (looking closely at the new installs), build VM’s and new VM features, as well as learn more advanced features with cloning and command line options. Our “VMware View 5” course is intended for students with significant production experience in the Infrastructure 3/vSphere product suite. It is our intention to take your existing knowledge base and expand upon that.

VMware View 5 | Accelerated 4 Day Class

VMware View 5 Class - Benefits and Goals

Our four (4) day intense VMware View 5 class provides the most comprehensive approach to Virtualization training. This is an intense, accelerated immersion course, designed for computer professionals that require effective, real-world skill-building.

Only Rock Solid's VMware View 5 offers you the following benefits:

- Rock Solid 's definitive, TOTAL immersion training experience
- Specialized Certification
- Intense instruction with no outside distractions
- Four (4) full days of intense instruction, labs and review with an expert virtualization instructor
- The typical day includes:
 - **Expert Led Instruction**, bringing real world expertise into the classroom
 - **Hands-on Labs with in-class equipment**
 - **Group Reinforcement Activities** to help students retain the information for use in the field
- In class students:
 - will use either 2 PC's
 - 1st Workstation – each student uses his own server to manage his/her environment
 - 2nd ESXi – each student works hands-on with his/her own ESXi server throughout class
 - or use Dual Monitors using extended desktop
- Pod Access available 24/7 for the 4 days
- CD full of tools used in optimizing your Virtual Infrastructure
- Pre and post mentoring by top rated VMware instructors
- Opportunity to re-sit a classroom-based or distance learning course for up to one year
- Tangible evidence of career growth for potential salary increase and/or promotion
- Lower TCO for your Virtualization Environment

Prerequisites

This class is for IT professionals with 1 or more years of server and infrastructure experience including System Administrators with ESX/ESXi Server familiarity, VirtualCenter/vCenter usage and administration and experience on Microsoft Windows and Linux operating systems.

VMware vSphere VC-VAP Certification

The VMware View class is capped off with a challenging certification, the VC-VAP (Virtualization Council - View Administrator Professional). This certification requires passing a demanding exam that has been developed by Virtualization Professionals. So not only do you leave trained, you leave TESTED by the top Virtualization Experts in the Industry!

VC-VAP (Virtualization Council - View Administrator Professional) Certification - Exam Details

Exam Quick facts:

- Exam Length: 60-minutes
- # of exam items: 100
- Benefits: Certification for wall mounting, proof of knowledge-level
- Multiple choice
- Multiple answer
- Cut Rate: 72%

VMware View 5 | Accelerated 4 Day Class

VMware View 5 | Accelerated 4 Day Class Schedule

In our 4 day class, Rock Solid's expert instructors will immerse you in unparalleled knowledge transfer. You will learn, participate in labs, test and certify. The typical daily schedule rolls out as follows:

Schedule	DAY 1 MON	DAY 2 TUES	DAY 3 WED	DAY 4 THURS
8:00am to 12:00pm	Install vCenter Server Configure Shared Storage Virtualization Basics	Configure vCenter VMware View Connection Server VMware View Security Server	Building a VM Automated Desktop Pools Individual Virtual Desktops	Backing up VMware View DMZ Security Server
12:00pm - 1:00pm	Lunch Break	Lunch Break	Lunch Break	Lunch Break
1:00pm - 5:00pm	What is VMware View Installing ESX Server Clones and Templates	VMware View Composer Virtual Machine Concepts Prepare VM for production	Virtual Networking VMware View Security Linked Clones	Thin Clients Essential 3 rd Party Tools for VMware View Administration
5:00pm - 10:00pm	Access to Lab Room and time for Practice	Access to Lab Room and time for Practice	Access to Lab Room and time for Practice	TAKE THE VC-VAP Exam

*The above schedule is an example.

VMware View 5 - Website Schedule

To view our current VMware View 5 course schedule and locations, visit Rock Solid online [here](#)

VMware View 5 - Follow-on Courses

Mastering VMware vSphere Offering: Rock Solid Technical has released an advanced course that is unparalleled in the industry. [Click Here](#) to Learn More

VMware View 5 | Accelerated 4 Day Class

VMware View 5 | Accelerated 4 Day Class - Course Breakdown

DAY ONE

Virtualization Basics

- History of virtualization
- What is virtualization?
- Why do we virtualize?
- VMware vSphere

Configure Shared Storage

- iSCSI, SAN and NAS storage
- Join ESXi Servers to a SAN
- Creating a shared VMFS Volume

Install vCenter Server

- vCenter Architecture
- Components of vCenter
- The vCenter Databases and support
- The vCenter install

What is VMware View

- VMware View Architecture
- ESXi Server
- vCenter Server
- VMware View Connection Server
- VMware View Security Server
- VMware View Composer
- VMware View terms and concepts
- Support /Requirements for VMware View
- View Client with Local Mode

Installing ESX Server

- Pre-installation tasks
- Installing the ESXi Server
- Post Installation tasks
- Configure and securing SSH
- The VMFS file system

Clones and Templates

- Deploy virtual machines efficiently
- Creating Templates
- Deploying from Templates

DAY TWO

Configure vCenter

- Adding the ESXi host
- Setup Customization Specification
- Roles, Privileges and Permissions
- Alarms, Events, and Tasks
- Task Automation
- Virtual Machine Resource Management
- Resource Pool Resource Management

- Testing resource management

VMware View Connection Server

- Connection Server Types:
 - Standard, Replica, Security
- Install Connection Server
- Configure Connection Server

VMware View Security Server

- Firewall considerations for Security Server
- DNS considerations for Security Server
- Installing Security Server

VMware View Composer

- View Composer Role
- The Composer Database
- Installing Composer
- Linking Composer to vCenter

Virtual Machine Concepts

- Virtual Machine Remote Console
- VM Encapsulation
- Working with the Remote Console
- Using remote devices CD & Floppy
- Using datastore ISO's

Prepare VM for production

- VMware Tools
- Graphics considerations
- Time Considerations
- Convert to template

DAY THREE

Building a VM

- Necessary drivers
- Install recommended Operating System
- Critical VM files
- The VM Folder Structure

Automated Desktop Pools

- Create a customization specification for Automated Desktop Pool
- Deploy a VM from template
- Prepare VM as Automated Desktop Pool Parent
- Configure Automated Desktop Pool
- Establish client connection to View Composer
- Automatically deploy new Virtual Desktop

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Individual Virtual Desktops

- Requirements and considerations
- Deploy VM's from a template
- Prepare VM's for the Virtual Desktop Environment
- Establish client connection to Individual desktop

Virtual Networking

- Virtual Networking concepts
- Virtual Switches and isolation
- Port Groups – 2 types
- VMnics - Physical NIC's
- VLAN's

VMware View Security

- SSH
- ESXi Firewall

Linked Clones

- Using templates for Deployment
- Using a Linked Clone Parent for VM's
- Configure Linked Clone Desktop Pools
- Configuring linked Clones to propagate
- Establish client connection to Linked Clones
- Desktop recomposition and refresh
- Reviewing Storage efficiency for Linked Clones

DAY FOUR

Backing up VMware View

- ESXi Server Backup
- Virtual Machine backup
- VMware Data Recovery
- Configure VCB with integration packages
- File-level restore w/o an agent
- Backing up the View databases
- Restoring the View databases

DMZ

- Port Group types
- Layer 7 firewalls
- Securing Layer 2
- Port Sniffers

Security Server

- Move Security Server into DMZ
- Configuring networking on Security Server
- Testing your configuration thru SSL to the Virtual Desktops

Thin Clients

- PCoIP
- RDP and Other protocols – RGS, TCX...etc
- Hardware thin clients
- Software thin clients

Essential 3rd Party Tools for VMware View

- File Transfer tools – Veeam FastSCP and WinSCP
- SSH tools
- Re SIDing tools

Administration

- vdmadmin utility
- Disk Tools
- Performance monitoring tools – vFoglight Pro
- ISO's, FLP's create and extract
- Using your smart phone or PDA for support

EXAM CRAM /REVIEW SESSION

TAKE VC-VAP EXAM

Go Home Certified!!

VMware View 5 | Accelerated 4 Day Class

You're protected with a "Rock Solid" Guarantee

Rock Solid is committed to you having the best possible training experience available. If during the first day of any classroom-based or distance learning course, the student is not fully satisfied and wishes to withdraw, the student will receive a 100% refund, less any applicable fees. We also offer students the opportunity to re-sit a classroom-based or distance learning course tuition-free for up to one year or until the student obtains certification, whichever comes first. Our *Human Capital Guarantee* ensures a successful return on investment for employers. If an employer has paid the cost of a class for an employee who leaves within three (3) months of obtaining certification, Rock Solid will train an additional employee of the company with no tuition cost to the employer (other costs will apply). The employee taking advantage of the *Human Capital Guarantee* must take training within 6 months of the original employee's class end date.*

Testimonials

"The VMware class was extremely value added and the remote learning was great; a very desirable way to take a course .The instructor, was absolutely one of the best instructors I have had."

- Elizabeth Anderson - Boeing

"Great class! I highly recommend the instructors."

- Peter Fountain, Orion Computer Services Inc.

I learned more in this one week of virtualization training than any course I have taken. I want all of my future training to come from Rock Solid!"

- Anthony Masters, FAA

Realize substantial savings with a Custom On-Site Delivery

Want to learn where you work? Rock Solid specializes in custom on-site solutions. Your company will realize substantial discounts and experience the greatest return on investment through our custom on-sites! We deliver training at your site, where we customize the content 100% to suit your needs. You and your team become the experts throughout the week, saving time and money on consultant fees later on. In fact, our instructors serve as an expert consultant during the engagement, allowing you collaboration on planning and implementation ideas with leading virtualization experts, while also being trained by them.

About Rock Solid Technical Services

Rock Solid is the recognized leader in VMware training, certification and consulting. Our expert instructors possess strong consulting, implementation and training expertise. Rock Solid's virtualization professionals come from diverse roles including positions in consulting, product development and project management. Our training team has supported public and private corporations, technology vendors, telecommunications companies, US Government and Military, and professional services organizations around the world.



*All terms & conditions located on www.rocksolidtechnical.com