

Microsoft Certification Camps

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1-888-512-3450

MCSE Windows Server 2012 R2 – Private Cloud

Overview

This Windows Server 2012 R2 – Private Cloud boot camp will provide you with the knowledge and skills to design, deploy, and configure a Windows Server 2012 R2 environment. This course is designed to provide qualified Microsoft Professionals to earn the Microsoft Certified Solutions Expert (MCSE): Infrastructure certification. This program is designed to provide you with cutting edge skills development. We provide you with expert instruction and our hands-on labs that are accelerated and based on real-world scenarios.

We offer test preparation and our 100% test pass guarantee. The exam preparation covers 3 exams to help you achieve Windows Server 2012 R2 MCSE certification:

70-410	Installing and Configuring Windows Server 2012 R2
70-411	Administering Windows Server 2012 R2
70-412	Configuring Advanced Windows Server 2012 R2 Services
70-246	Monitoring and Operating a Private Cloud with System Center 2012 R2
70-247	Configuring and Deploying a Private Cloud with System Center 2012 R2

We have a 92% first time pass rate on the exams. During class each student will receive 3 exam vouchers. If a student needs another shot we will provide this at no additional cost.

Individuals will be flown into their chosen location, where they will be escorted to the training location selected. Students will have access to the amenities on location, pools, theatres, restaurants, etc.

Each day class will begin at 9AM and conclude at 6PM. On the last day of class, student will join the instructor and Idea Dudes staff to a gourmet meal and class well done celebration.

Locations available:

- Gatlinburg, TN
- Park City, UT
- Las Vegas, NV
- Mesa, AZ
- Myrtle Beach, SC
- Orlando, FL
- Branson, MO
- Williamsburg, VA
- Miami, FL
- Grand Cayman Islands
- Bakersfield, CA
- Colorado Springs, CO
- London, England
- Kingston, Ja
- Cabo San Lucas, MX
- Cancun, MX
- Cruise option
- More to come



It is about you and what we call the "Certification Experience". You are the student and most important. We want you to have the best experience possible. We take your success personally. We re-iterate, we will be happy to answer any questions and or provide help at any point during or after the course. We guarantee to provide the answer/solution to your question. The only bad question is a question not asked. So, let's learn what is in your "Certification Experience".

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MCSE Windows Server 2012 R2 – Private Cloud

Objectives

- Install and configure Windows Server 2012
- Describe Active Directory Domain Services
- Managing Active Directory objects
- Automate Active Directory administration
- Implement IPv4
- Implement Dynamic Host Configuration Protocol (DHCP)
- Implement Domain Name System (DNS)
- Implement IPv6
- Implement local storage
- Share Files and Printers
- Implement Group Policy
- Use Group Policy Objects (GPOs) to secure Windows Servers
- Implement server virtualization using Hyper-V
- Deploy and maintain server images
- Configure and Troubleshoot DNS
- Maintain User and Service Accounts
- Implement a Group Policy Infrastructure
- Manage User Desktops with Group Policy
- Configure and Troubleshoot Remote Access
- Install, Configure and Troubleshoot Network Policy Server (NPS) role
- Implement Network Access Protection (NAP)
- Optimize File Services
- Configure Encryption and Advanced Auditing
- Implement Update Management
- Monitor Windows Server 2012
- Implement advanced network services
- Implement advanced file services
- Implement Dynamic Access Control
- Implement distributed Active Directory Domain Services (AD DS) deployments
- Implement AD DS Sites and replication
- Implement Active Directory Certification Services (AD CS)
- Implement Active Directory Rights Management Services (AD RMS)
- Implement Active Directory Federation Services (AD FS)
- Implement network load balancing (NLB)
- Implement failover clustering
- Implement failover clustering in Hyper-V
- Implement network load balancing (NLB)
- Implement failover clustering
- Implement failover clustering in Hyper-V
- Implement Disaster recovery
- Describe the private cloud infrastructure
- Configure and optimize business unit clouds
- Deploy cloud services
- Monitor private cloud services
- Configure and extend service management in the private cloud
- Automate incident creation, remediation and change requests
- Implement problem management in the private cloud
- Automate Self-Servicing provisioning
- Protect the resources in the private cloud by using Data Protection Manager
- Configure compliance in the private cloud
- Configure SLAs, dashboards and widgets
- Produce a high-level design that accounts for requirements for the private cloud environment
- Configure a PXE server, an update server and a software update baseline
- Configure Microsoft Server Application Virtualization (App-V) so that it can be used to sequence and deploy an application virtually
- Build the core components necessary for delivering services on the fabric
- Allocate resources to the private cloud and grant access to the private cloud
- Understand how to monitor the private cloud using Operations Manager
- Understand the tools necessary to extend and customize Operations Manager for a private cloud environment
- Set up, configure and integrate the core components of Service Manager into the private cloud fabric
- Configure a service catalog and then publish it to the Self-Service Portal
- Gain the knowledge necessary to deploy and configure DPM in a private cloud
- Deploy and configure Microsoft System Center 2012 - Orchestrator in a private cloud, and then integrate it with the System Center 2012 components

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MCSE Windows Server 2012 R2 – Private Cloud

- MCSE Certification readiness 70-410/70-411/70-412/70-246/70-247

What Do Students Get?

- All Virtual machines for the class
- Breakfast
- Lunch
- Snacks
- Accommodations
- Transportation to venue
- Five Exam Vouchers
- Test Materials
- Books and Materials
- Event Ticket
- Graduation Dinner

Audience

IT professionals, IT generalists and help desk professionals who want to learn about Windows Server 2012 R2, PowerShell and Hyper-V are the audience for this course. These students should have at least 3 years of experience in the IT field or a hunger for technology. The areas should involve network administration, help desk, or system administration. No experience with Windows Server 2012 R2 is necessary. You will learn everything that you need to successfully administer and troubleshoot a Windows Server 2012 R2 environment.

Prerequisites

- Basic understanding of networking
- Intermediate understanding of network operating systems
- An understanding of and experience with configuring security and administration tasks in an enterprise environment
- An awareness of security best practices

- Good hands-on Windows client operating system experience with Windows Vista, Windows 7 or Windows 8
- An understanding of basic Active Directory Domain Services (AD DS) concepts, such as the purpose of user accounts and computer accounts
- Basic concepts of backup and recovery in a Windows environment

Course Content

Installing and Configuring Windows Server 2012 R2 (70-410)

Install and Configure Servers

- Installing servers
- Configure servers
- Configure local storage

Configure Server Roles and Features

- Configure file and share access
- Configure print and document services
- Configure servers for remote management

Configure Hyper-V

- Create and configure virtual machines
- Create and configure virtual machine storage
- Create and configure virtual networks

Deploy and configure core networks services

- Configure IPv4 and IPv6 addressing
- Deploy and configure DHCP
- Deploy and Configure DNS Service

Install and administer Active Directory

- Install domain controllers

MCSE Windows Server 2012 R2 – Private Cloud

- Create and manage Active Directory users and computers
- Create and manage Active Directory groups and organizational units

Create and Manage Group Policy

- Create and configure virtual machines
- Create and configure virtual machine storage
- Create and configure virtual networks

Administering Windows Server 2012 R2 (70-411)

Deploy, Manage and Maintain Servers

- Deploy and manage server images
- Implement patch management
- Monitor servers

Configure File and Print Servers

- Configure Distributed File System
- Configure File Server Resource Manager (FSRM)
- Configure file and disk encryption
- Configure advanced audit policies

Configure Network Services and Access

- Configure DNS Zones
- Configure DNS Records
- Configure VPN and Routing
- Configure DirectAccess

Configure a Network Policy Server Infrastructure

- Configure Network Policy Server (NPS)
- Configure NPS Policies
- Configure Network Access Protection

Configure and Manage Active Directory

- Configure service authentication
- Configure Domain Controllers
- Maintain Active Directory
- Configure account policies

Configure and Manage Group Policy

- Configure Group Policy processing
- Configure Group Policy settings
- Manage Group Policy (GPOs)
- Configure Group Policy Preferences

Configuring Advanced Windows Server 2012 R2 Services (70-412)

Configure and Manage High Availability

- Configure Network Load Balancing (NLB)
- Configure Failover Clustering
- Manage failover clustering roles
- Manage Virtual Machine (VM) movement

Configure Files and Storage Solutions

- Configure advanced file services
- Implement Dynamic Access Control (DAC)
- Configure and optimize storage

Implement Business Continuity and Disaster Recover

- Configure and manage backups
- Recover servers
- Configure site-level tolerance

Configure Network Services

- Implement and advanced DHCP solution
- Implement an advanced DNS solution
- Deploy and manage IPAM

MCSE Windows Server 2012 R2 – Private Cloud

Configure the Active Directory Infrastructure

- Configure the Active Directory Infrastructure
- Configure trusts
- Configure sites
- Manage Active Directory and SYSVOL replication

Configure Identity and Access Solutions

- Implement Active Directory Federation Service 2.1 (AD FSv 2.1)
- Install and configure Active Directory Certificate Services (AD CS)
- Manage certificates
- Install and configure Active Directory Rights Management Services

Monitoring and Operating a Private Cloud with System Center 2012 R2 (70-246)

Configure Data Center Process Administration

- Implement workflows
- Implement service offerings

Deploy Resource Monitoring

- Deploy end-to-end monitoring
- Configure end-to-end monitoring
- Create monitoring reports and dashboards

Monitor Resources

- Monitor network devices
- Monitor servers
- Monitor the virtualization layer
- Monitor application health

Configure and Maintain Service Management

- Implement service level agreement
- Manage problems and incidents
- Manage cloud services

Manage Configuration and Protection

- Manage compliance and configuration
- Manage updates
- Implement backup and recovery

Configuring and Deploying a Private Cloud with System Center 2012 R2 (70-247)

Design and Deploy System Center

- Design a scalable System Center architecture
- Install the System Center Infrastructure
- Upgrading System Center components

Configure System Center

- Configure System Center components
- Configure portals and dashboards

Configure the Fabric

- Configure storage fabric
- Configure the network fabric
- Configure clouds and update servers
- Configure clouds and virtualization hosts

Configure System Center Integration

- Configure private cloud integration
- Configure integration of private and public clouds

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MCSE Windows Server 2012 R2 – Private Cloud

Configure and Deploy Virtual Machines and Services

- Configure profiles
- Create and Configure server App-V packages
- Configure and deploy a service
- Update a service

Why Choose the “Certification Experience”

1. You will be trained by experts. Each of our trainers has over ten years of experience in the field as well as, of course, holding the required certifications. We are consultants first and trainers second.
2. We GUARANTEE that each student who completes a certification course will pass the pertaining examinations. If a student does not pass, we shall pay for re-takes until they do pass. We will work with students to help them understand what they need to improve on to help them pass. We have a 92% pass ratio on students taking the exam the first time.
3. Most importantly, idea Dudes provides a lifelong commitment to our students. If any student has any questions whether the question pertains to the subject matter being taught, we will find an answer. You can contact us during or after the course. We believe that a student is always a student. That's right, six months after the course, one year after the course, ten years later... If you need assistance with something pertaining to the subject matter from your course, contact us and we guarantee that we do all that we can to help you come up with a solution. This free of charge. We take the success of our students personally and although this commitment is substantial, we are happy to offer it.
4. We can help you find money to take the course for FREE. You heard this right. Idea

Dudes is partnered with many different companies. One of our partners can show your company how to get the class for FREE. Just ask for details.

5. We bring the real world into the classroom. When you enter a Microsoft Certification Camps classroom, bring your troubles to us. We design our courses to answer your questions in your environment. We build the class as we go. Take Exchange Server boot camp. We will build the Exchange Server environment step by step. This is valuable because then you can take those skills and apply them to your environment. You don't learn to take an exam but how to work in a best practice environment. We are here to help you lower your Total Cost of Ownership.

Class Options:

16 Day Boot Camp at resort (MCSA/MCSE)	\$6995
16 Day Online (MCSA/MCSE)	\$5995
18 Week evening online(MCSA/MCSE)	\$6995
8 Day MCSA Option	\$4995
8 Day MCSE Option	\$4995

We have several different ways to help you achieve your goal. You are important to us. We are here to help you achieve your goals and do it in a way that is fun and rewarding. Don't forget about our follow-up guarantee. The way we feel is once, you are a student, you are always a student. Take your “Certification Experience Now” --- Arrange with your account representative. Call (888) 512-3450 or email sales@ideadudestraining.com.

Ask about our financing options and “NO COST OPTION”.