

IT LEARNING SOLUTIONS

20412: Configuring Advanced Windows Server® 2012 Services

Prepares you for exam 70-412 | Instructor-led classroom training or on-demand training

AUDIENCE(S): IT Professional
TECHNOLOGY: Windows Server
LEVEL: 200
LANGUAGE(S): English

Compare Learning Environments	On-demand Training	Classroom Training
Anytime access	✓	
Anywhere access to recorded instructor	✓	
Microsoft Official Content	✓	✓
In-Depth Training	✓	✓
Hands-on Labs	✓	✓
SATV Redemption	✓	✓
Ask Instructor questions in person		✓
Attend live class in person		✓
Time commitment	Self-paced (3 Month Access)	5 Days

About This Course:

Get hands-on instruction and practice configuring advanced Windows Server 2012, including Windows Server 2012 R2, services in this five-day Microsoft Official Course. This course is part three in a series of three courses that provides the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment.

The three courses collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. Although there is some cross-over of skills and tasks across these courses, this course focuses on advanced configuration of services necessary to deploy, manage and maintain a Windows Server 2012 infrastructure, such as advanced networking services, Active Directory Domain Services (AD DS), Active Directory Rights Management Services (AD RMS), Active Directory Federation Services (AD FS), Network Load Balancing, Failover Clustering, business continuity and disaster recovery services as well as access and information provisioning and protection technologies such as Dynamic Access Control (DAC), and Web Application Proxy integration with AD FS and Workplace Join.

This course maps directly to and is the preferred choice for hands-on preparation for Microsoft Certified Solutions Associate (MCSA): Exam 412: Configuring Advanced Windows Server 2012 Services, which is the third of three exams required for MCSA: Windows Server 2012 credential.

Note: Labs in this course are based on Windows Server 2012 R2 and Windows 8.1.

At Course Completion:

- Configure advanced features for Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and configure IP Address Management (IPAM) with Windows Server 2012.
- Configure and manage iSCSI, BranchCache and FSRM.
- Configure DAC to manage and audit access to shared files.
- Plan and implement an AD DS deployment that includes multiple domains and forests.
- Plan and implement an AD DS deployment that includes locations.
- Implement and configure an Active Directory Certificate Services (AD CS) deployment.
- Implement an AD RMS deployment.
- Implement an AD FS deployment.
- Provide high availability and load balancing for web-based applications by implementing Network Load Balancing (NLB).
- Implement and validate high availability and load balancing for web-based applications by implementing NLB.

- Provide high availability for network services and applications by implementing failover clustering.
- Implement a failover cluster, and configure and validate a highly available network service.
- Deploy and manage Hyper-V virtual machines in a failover cluster.
- Implement a backup and disaster recovery solution based on business and technical requirements.

Prerequisites:

Before attending this course, students must have:

- Experience working with Windows Server 2008 or Windows Server 2012 servers day to day in an Enterprise environment.

The course pre-requisites can be met by having knowledge equivalent to, or by attendance at, courses 20410: Installing and Configuring Windows Server 2012 and 20411: Administering Windows Server 2012 as this course will build upon the knowledge and skills covered in those courses.

The Content of this document as well as the programme subject matter is subject to change without notice.

I
 (student / legal guardian), acknowledge that I understand the information stated in this document.

Date:

Signature:

This information sheet forms part of your enrolment contract

The content of this information sheet is subject to change without notice due to legislation, market requirements or any other reason. ELMI reserves the right to change the programme subject matter without notice.

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