

MOC 40005 C First Look Clinic: Windows Server 2012 R2

Course Summary

Description

The purpose of this three-hour instructor-led course is to introduce the new functionality in Windows Server 2012 R2. No topic is covered in depth, but students should finish the course with an understanding of the benefits and capabilities of Server 2012 R2.

Objectives

At the end of this course, students will be able to:

- Describe the new management capabilities of Windows Server 2012.
- Describe the new storage and networking features and functionalities of Windows Server 2012.
- Describe the new features and functionality of Windows Server 2012 Hyper-V.

Topics

- Managing AD DS, Server, and Storage in Windows Server 2012 R2
- Networking in Windows Server 2012 R2
- Hyper-V in Windows Server 2012 R2

Audience

This course is intended for Microsoft partners whose business is managing and administering their customers' computers, and IT professionals who do the same for their organization.

Prerequisites

This course requires that students meet the following prerequisites:

- Working experience and background knowledge of Windows Server 2008 or Windows Server 2008 R2, Windows Server 2012, Windows 7, Windows 8 and Hyper-V Windows Server 2012
- Windows Server 2008 or Windows server 2008 R2
- Windows Vista or Windows 7
- Hyper-V
- Basic understanding of Active Directory Domain Services (AD DS), DNS, DHCP, and general networking and storage technologies.

Duration

One day

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Course Outline

I. Managing AD DS, Server, and Storage in Windows Server 2012 R2

This module describes the new features and enhancements in AD DS, high availability, server, and storage management in Windows Server 2012 R2.

- A. What Is New in AD DS of Windows Server 2012 R2?
- B. What Is New in the Server Management in Windows Server 2012 R2?
- C. What Is New in High Availability Management in Windows Server 2012 R2?
- D. What Is New in Storage in Windows Server 2012 R2?

II. Networking in Windows Server 2012 R2

This module describes the enhancements to key network services and IPAM in Windows Server 2012 R2.

- A. Network Services Enhancements in Windows Server 2012 R2
- B. IPAM Enhancements in Windows Server 2012 R2

III. Hyper-V in Windows Server 2012 R2

This module describes the new features and enhancements related to virtual machines, storage, Hyper-V networking, and Hyper-V availability in Windows Server 2012 R2.

- A. Virtual Machine Enhancements
- B. Storage Enhancements in Hyper-V
- C. Hyper-V Networking Improvements
- D. Hyper-V Availability Improvements