



Deploying and Migrating Windows Servers

Training Calendar

Date	Training Time	Location
24 June 2019	3 Days	Bilginç IT Academy
30 December 2019	3 Days	Bilginç IT Academy

Training Details

Training Time	:	3 Days
Capacity	:	12
Prerequisites	:	There are no prerequisites for this course.

About Training

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Get hands-on instruction and practice deploying and migrating roles and services with Windows Server 2012 and Windows Server 2012 R2 in this Microsoft Course. In this course, you will learn how to plan for and deploy your Windows Server infrastructure in physical, virtual, and cloud environments. You will learn about different deployment methodologies and techniques, as well as general imaging usage and configuration. You will also learn how to use Windows Deployment Services (WDS) and how to work with deployment tools such as the Windows Assessment and Deployment Toolkit (Windows ADK), the Microsoft Assessment and Planning Toolkit (MAP), and the Microsoft Deployment Toolkit (MDT). You will also learn how to plan for virtualizing server workloads and considerations around technologies available for networking and storage, as well as considerations for specific applications such as SQL, Exchange, and other application workloads.

This course also focuses on migrating essential components within your server infrastructure to Windows server 2012 and Windows Server 2012 R2. It covers the migration of core infrastructure

technologies such as migrating Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Active Directory Domain Services (AD DS). This course also describes in detail the migration of File and Web servers, Hyper-V, Windows Update services (WSUS), and Active Directory Certificate Services (AD CS). It also covers consideration options available for extending some of your workloads into Microsoft Azure to allow for on- and off-premise as well as hybrid deployment scenarios.

What You'll Learn

- After completing this course, students will be able to:
- Prepare to deploy Windows Server 2012.
- Describe the various methods of deploying Windows Server 2012.
- Deploy Windows Server 2012 by using Windows Deployment Services and MDT.
- Plan to virtualize workloads in a Windows Server 2012 environment.
- Upgrade and migrate core networking services to Windows Server 2012.
- Migrate file services and Web and application servers to Windows Server 2012.
- Upgrade and migrate AD DS to Windows Server 2012.
- Implement Microsoft Azure Active Directory (Microsoft Azure AD).

Who Should Attend

This course is intended for experienced IT Professionals who have the following experience and background:

- IT professionals with real-world experience working in an enterprise environment where they are involved in deploying servers and the migration of server roles and services.
- IT professionals who work Windows Server 2003 or Windows Server 2008 servers and who are preparing for a Windows Server 2012 deployment.
- IT professionals who work in small to medium-sized enterprises who manage and are responsible for server deployment and migration.
- IT professionals who have skills in other areas and are looking to develop knowledge and skills with Windows Server deployments.

Outline

- Module 1: Preparing to Deploy Windows Server 2012
- Module 2: Deploying Windows Server 2012
- Module 3: Implementing Lite-Touch Deployments
- Module 4: Planning to Virtualize Workloads
- Module 5: Upgrading and Migrating Networking Services
- Module 6: Upgrading and Migrating Server Roles
- Module 7: Upgrading and Migrating AD DS
- Module 8: Migrating to Microsoft Azure

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