

70-413: Upgrading and Migrating a Server Infrastructure

Modality: On Demand

Duration: 2 Hours

This course prepares you for the 70-413 Exam leading to 70-413 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the **Official Exam Voucher** separately.

About this course:

In this intermediate level course students would get skills and knowledge planning, designing and deploying a physical and logical Windows Server 2012 R2 enterprise infrastructure. The course focuses on designing and implementing a Windows Server 2012 R2 infrastructure in an enterprise environment. Passing Microsoft's range of exams for IT professionals is undeniable proof that you know your stuff. So passing a Microsoft exam is a big deal after all. The actual purpose for this course is to prepare our students for the [Microsoft 70-413: Designing and Implementing a Server Infrastructure certification exam](#).

The average salary for a Windows Server Administrator is **\$80,174** per year.

Course Objective:

After completing this course, students will be able to:

- Plan server upgrade and migration.
- Plan and implement a server deployment strategy.
- Plan and deploy servers by using System Center 2012 R2 Virtual Machine Manager (VMM).
- Design and maintain an IP configuration and address management solution.
- Design and implement name resolution.
- Design and implement an AD DS forest and domain infrastructure.
- Design and implement an AD DS organizational unit (OU) infrastructure.
- Design and implement a Group Policy Object (GPO) strategy.
- Design and implement an AD DS physical topology.
- Plan and implement storage and file services.
- Design and implement network protection.
- Design and implement remote access services.

Audience:

This course is intended for:

- IT professionals who are responsible for planning, designing, and deploying a physical and a logical Windows Server 2012 enterprise Active Directory® Domain Services (AD DS) infrastructure including the network services necessary.

Prerequisites:

- Basic skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment.

Suggested prerequisites courses:

- [Administering Windows Server 2012 - MOC On Demand \(MS-20411\)](#)
- [Configuring Advanced Windows Server 2012 Services - MOC On Demand \(MS-20412\)](#)

Course Outline:

- **Topic A: Server Infrastructure - Upgrade and Migration**
- **Topic B: Windows Assessment and Deployment Kit (ADK)**
- **Topic C: Hyper-V Virtual Licensing**
- **Topic D: Imaging Strategies**
- **Topic E: Choosing a Deployment Method**
- **Topic F: New Features in Windows DS**