

Windows Server 2012 R2: *Remote Desktop Services*



Workshop

The Windows Server 2012 R2 RDS workshop provides attendees with an in-depth look at the new features in 2012 R2, teaching you to how to deploy, configure, secure and optimize a full Remote Desktop Services environment

Target Audience :

To allow a knowledge transfer of high quality expertise during these 3 days of training, the workshop is limited to a maximum of 16 persons who meet the following criteria:

- Experience in Terminal Services or Remote Desktop Services
- Experience in Windows Server 2012 R2

Overview

The Windows Server 2012 R2 Remote Desktop Services (RDS) workshop is a 3 day training course that teaches students about the new features in Remote Desktop Services (formerly Terminal Services), including role duties and deployment strategies on Windows Server 2012 R2. The knowledge acquired by the end of this workshop will enable presentation virtualization system administrators and IT professionals to understand, deploy, configure and optimize new features in RDS for Windows Server 2012 R2.

This workshop does not include the Remote Desktop Services VDI (Virtual Desktop Infrastructure) but just an Overview

Key Features and Benefits

During this training participants will learn:

- New features in RDS for Windows Server 2012 R2.
- How to deploy a full RDS infrastructure.
- Best practices for deployment and configuration of an RDS infrastructure
- How to effectively troubleshoot an RDS environment

Technical Highlights

The materials in this workshop include:

- A deep dive into the new features of Remote Desktop Services in Windows Server 2012 R2, covered by individual role.
- Interactive labs that enable attendees to familiarize themselves with the concepts taught in each module
- Dedicated modules that teach attendees how to deploy, secure and optimize a Remote Desktop Services infrastructure
- A look at the different tools and methods used to effectively troubleshoot an RDS environment.

Syllabus

Hardware Requirements:

- *Windows Server 2012 R2*
- *Dual or Quad core AMD/Intel processor with virtualization extensions and 1.8 GHz or higher 16GB RAM or higher.*

Module 1: Introduction to Remote Desktop Services

This module provides students with an overview of the new features of Windows Server 2012R2 Remote Desktop Services.

Module 2: Remote Desktop Connection Broker

In this module students learn the Connection Broker's central role, installation prerequisites and deployment best practices.

Module 3: Remote Desktop Session Host Servers

In this module we cover all requirements for the implementation of the Remote Desktop Session Host server, covering installation and configuration best practices.

Module 4: Remote Desktop Web Access

A detailed insight into the benefits of implementing Web Access, also covering installation and configuration best practices.

Module 5: RemoteApp

This module provides students with an intricate look at RemoteApp, including deployment, accessibility options and common application issues

Module 6: Remote Desktop Licensing

In addition to the prerequisites for RD License Server installation, this module also covers best practices for the implementation of RDS CALs.

Module 7: Remote Desktop Gateway

In this module we discuss installation prerequisites for RD Gateway, together with the role of connection authorization policies (CAPs) and resource authorization policies (RAPs), including new features and their implementation.

Module 8: Securing Remote Desktop Services

This module guides students through the various methods to effectively secure an RDS environment

Module 9: Remote Desktop Services Infrastructure

A detailed look at the components comprising an RDS infrastructure and how best to implement high availability solutions using built-in Windows functionality

Module 10: Troubleshooting RDS: tips and tools

In this module we dive into some of the common tools used to monitor and troubleshoot the health of a RDS infrastructure.

Module 11: User Experience

In this module we walk students through the process of optimizing profile management and customizing RDP to provide a seamless remote desktop experience for end users.

Module 12: RDS and Azure

In our final module we present new possibilities offered by Azure with Hybrid Infrastructure, full cloud infrastructure but also RemoteApp in Azure

This workshop includes labs that allow participants to practice the skills acquired in each different module. These labs will create a complete RDS infrastructure that follows Microsoft best practices.