

20694 Virtualizing Enterprise Desktops and Apps

Course Overview

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This is a 5-day class

This course builds your skills in Microsoft Application Virtualization (App-V) Service Pack 2 (SP2), Microsoft User Experience Virtualization (UE-V), and Virtual Desktop Infrastructure (VDI) as part of Windows Server 2012 R2.

Who Should Attend

This course is intended for the IT administrators, and implementers, of large and midsized organizations who want to understand and get hands on experience with the latest Microsoft desktop and application virtualization technologies and how to plan, implement, and manage virtual infrastructure solutions based on these technologies.

Course Outline

1 Overview of Desktop and Application Virtualization

Overview of Virtualization Technologies
Usage Scenarios for Virtualization
Considerations for Implementing Virtualization
Lab : Overview of Desktop and Application Virtualization

2 Planning and Implementing User State Virtualization

Understanding and Planning for User State Virtualization
Configuring Roaming User Profiles and Folder Redirection
Configuring UE-V
Lab : Planning and Implementing User State Virtualization

3 Planning and Implementing App-V

Overview of Application Virtualization
App-V Architecture
Planning App-V Infrastructure
Deploying App-V Infrastructure
Lab : App-V Introduction and Architecture
Lab : Planning and Implementing App-V

4 Managing and Administering Application Virtualization

Managing and Administering Application Virtualization
Modifying Published Application and Configuration Upgrades
App-V Reporting
Lab : Managing and Administering Application Virtualization

5 Planning and Deploying App-V Clients

Overview of App-V Client
Installing and Configuring the App-V Client
Managing App-V Client Properties
Lab : Planning and Deploying App-V Clients



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6 Application Sequencing

Overview of Application Sequencing
Planning for Application Sequencing
Sequencing an Application
Advanced Application Sequencing
Lab : Application Sequencing

7 Configuring Client Hyper-V

Overview of Client Hyper-V
Creating Virtual Machines
Managing Virtual Hard Disks
Managing Checkpoints
Lab : Configuring Client Hyper-V

8 Planning and Deploying Session-Based Desktops

Overview of Remote Desktop Services
Planning Infrastructure for Session-Based Desktops
Deploying Session-Based Desktops
RDS High Availability
Lab : Planning and Deploying Session-Based Desktops

9 Configuring and Managing RemoteApp Programs

Publishing and Configuring RemoteApp Programs
Working With RemoteApp Programs
Lab : Configuring and Managing RemoteApp Program

10 Planning Personal and Pooled Desktops

Overview of Personal and Pooled Desktops
Planning and Optimizing Desktop Templates
Lab : Planning Pooled and Personal Desktops

11 Planning and Implementing Infrastructure for Pooled and Personal Desktops

Planning Storage for Personal and Pooled Desktops
Capacity Planning for Pooled and Personal Desktops
Implementing Pooled and Personal Desktops
Implementing RemoteApp for Hyper-V
Lab : Planning and Implementing Infrastructure for Pooled and Personal

12 Implementing Remote Access for VDI

Extending VDI Outside the Organization
Controlling RD Gateway Access
Lab : Implementing Remote Access for VDI

13 Performance and Health Monitoring of VDI Infrastructure

Overview of Monitoring Desktop and Application Virtualization
Monitoring Desktop Virtualization Infrastructure
Lab : Performance and Health Monitoring of VDI Infrastructure



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