Deploying and Managing Office 365 Hybrid Deployments (MS-10984)

Modality: Virtual Classroom

Duration: 3 Days

SATV Value: 3

About this course:

This course is a 3-day ILT that aims the requirements of IT experts who participate in configuring, administering, and operating Office 365 services in hybrid conditions, where some portion of the infrastructure is facilitated on-premises. Also, this course includes the management of authentication, identities, and supporting technologies for Office 365. This course aims around the abilities required to administer and investigate an Office 365 tenant, and key services of Office 365, for example, SharePoint Online, Exchange Online, and Skype for Business, also services, for example, Azure Active Directory Identity Protection, Azure Multi-Factor Authentication (MFA), and Azure Active Directory Privileged Identity Management.

The normal MS Office 365 Administrator compensation in the USA is $62,500 for a lesser level proficient, while mid and senior-level Administrators gain $82,500 and $95,100 respectively.

Course Objective:

- Explain Office 365 licensing and administration.
- Design an Exchange Server hybrid deployment.
- Deploy and organize directory synchronization.
- Manage an Exchange Server hybrid deployment.
- Deploy OneDrive and SharePoint for Business in a hybrid condition.
- Deploy extra Office 365 services in a hybrid deployment.
- Deploy different confirmation strategies in a hybrid Office 365 deployment.

Audience:

This course audience includes IT experts and system administrators who need to figure out how to execute and maintain Office 365 in hybrid situations, where one piece of collaboration infrastructure is situated on-premises and integrated with Office 365 services.

Prerequisite:

Notwithstanding their expert experience, understudies who go to this training should have the following specialized information:

- At least two years of experience administering the Windows Server operating framework, including Windows Server 2012 or later
- Experience working with credentials, including the certificates of public key infrastructure (PKI).

- At least one year of experience working with Active Directory Domain Services
- Experience working with the key services of Office 365, for example, Skype for Business, Exchange Online, and SharePoint Online.
- Experience working with Windows PowerShell. Experience working with Lync 2013 Server or Skype for Business Server2015, Exchange Server 2013 or later, and SharePoint Server 2013 or later.
- An understanding of the following ideas as identified with Office 365: MS cloud services, a platform of Office 365.

Course Outline:

Module 1: Introduction to Office 365 administration and licensing

This module describes Office 365, its administration tools, and licensing options.

Lessons

- Overview of Office 365
- Office 365 administration and role delegation
- Office 365 tenant configuration
- Hybrid deployment general overview

Lab : Provisioning and configuring an Office 365 tenant

- Configuring an Office 365 trial tenant
- Configuring a Custom Domain
- Exploring Office 365 admin interfaces

After completing this module, you will be able to:

- Describe the features of Office 365.
- Administer and delegate roles in Office 365.
- Configure Office 365 tenants.
- Describe the concept of a hybrid deployment.

Module 2: Deploying and configuring directory synchronization

This module explains how to describe and configure directory synchronization in an Office 365 deployment.

Lessons

- Directory synchronization and authentication overview
- Azure AD Connect deployment and configuration

- Managing user and group objects in an Office 365 hybrid environment

Lab : Administering directory synchronization, users, and groups in an Office 365 hybrid environment

- Preparing the directory and configuring Azure AD Connect
- Managing Office 365 users and groups with GUI and Windows PowerShell
- Managing Office 365 password policies

After completing this module, you will be able to:

- Describe directory synchronization and authentication.
- Deploy and configure Azure AD Connect.
- Manage user and group objects in an Office 365 hybrid environment.

Module 3: Exchange Server hybrid deployment planning

This module explains how to plan hybrid configuration with Exchange Server and Exchange Online.

Lessons

- Exchange Online overview
- Exchange Server hybrid configuration options and deployment features
- Exchange Server services in the hybrid deployment

Lab : Planning and designing the integration between Exchange Online and Exchange Server 2016

- Designing an Exchange hybrid deployment
- Discussing a solution and reviewing the Exchange Online setup

After completing this module, you will be able to:

- Describe Exchange Online.
- Describe the Exchange Server hybrid configuration options and deployment features.
- Describe the Exchange Server services in a hybrid deployment.

Module 4: Exchange Server hybrid deployment

This module explains how to perform Exchange server hybrid configuration deployment.

Lessons

- Using the Hybrid Configuration Wizard

https://www.quickstart.com/ Contact Us: (866) 991-3924

- Managing and configuring the Exchange hybrid deployment
- Implementing advanced functionality for hybrid deployments
- Configuring message compliance and hygiene in a hybrid environment

Lab : Implementing the Exchange Server hybrid deployment

- Using the Hybrid Configuration Wizard
- Moving mailboxes between Exchange on-premises and Exchange Online
- Configuring message compliance and security in the hybrid environment

After completing this module, you will be able to:

- Use the Hybrid Configuration Wizard.
- Manage and configure the Exchange hybrid deployment.
- Implement advanced functionality for hybrid deployments.
- Configure message compliance and hygiene in a hybrid environment.

Module 5: Skype for Business hybrid deployment

This module explains how to deploy Skype for Business in a hybrid deployment.

Lessons

- Overview of Skype for Business Online and Microsoft Teams
- Preparing for the hybrid Skype for Business deployment
- Configuring the Skype for Business hybrid environment
- Using the Skype for Business hybrid configuration with Phone System

Lab : Implementing the Skype for Business hybrid configuration

- Designing and implementing a Skype for Business hybrid configuration
- Moving users to Skype for Business Online
- Enabling Office 365 Phone system

After completing this module, you will be able to:

- Describe Skype for Business Online and Microsoft Teams.
- Prepare for the hybrid Skype for Business deployment.
- Configure the Skype for Business hybrid environment.
- Use the Skype for Business hybrid configuration with Phone System.

Module 6: SharePoint and OneDrive for Business hybrid deployment

This module explains how to deploy SharePoint and OneDrive for business in hybrid environment.

Lessons

- Overview of SharePoint Online
- Planning for a SharePoint hybrid deployment
- Deploying the SharePoint hybrid configuration
- Configuring SharePoint services in a hybrid configuration

Lab : Implementing SharePoint and OneDrive for Business in a hybrid configuration

- Designing and preparing SharePoint Server for a hybrid configuration
- Deploying SharePoint services in a hybrid configuration
- Validating the SharePoint services functionality in a hybrid configuration

After completing this module, you will be able to:

- Describe SharePoint Online.
- Plan for a SharePoint hybrid deployment.
- Deploy the SharePoint hybrid configuration.
- Configure SharePoint services in a hybrid configuration.

Module 7: Deploying additional Office 365 services in a hybrid deployment

This module explains how to deploy Azure MFA, Identity Protection and Azure Information Protection.

Lessons

- Implementing Multi-Factor Authentication in a hybrid scenario
- Implementing Azure Information Protection
- Implementing Identity Protection and Azure AD
- Privileged Identity Management

Lab : Configuring additional Office 365 services in hybrid deployments

- Implementing MFA
- Implementing Azure Information Protection
- Implementing Azure AD Privileged Identity Management

After completing this module, you will be able to:

- Implement Multi-Factor Authentication in a hybrid scenario.
- Implement Azure Information Protection.
- Implement Identity Protection and Azure AD Privilege Identity Management.

Module 8: Authentication options in hybrid deployments

This module explains how to deploy various authentication methods in a hybrid Office 365 deployment.

Lessons

- Planning authentication options in Office 365
- Deploying AD FS for SSO
- Deploying pass-through authentication for SSO

Lab : Implementing authentication solutions in hybrid deployments

- Deploying AD FS for SSO
- Deploying pass-through authentication for SSO

After completing this module, you will be able to:

- Plan authentication options in Office 365.
- Deploy AD FS for SSO.
- Deploy pass-through authentication for SSO.