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10984-B: Deploying and Managing Office 365 Hybrid Deployments

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 overview

Lab : Provisioning and configuring an Office 365 tenant

- Configuring on-premises DNS
- Configuring an Office 365 trial tenant
- Exploring the Microsoft 365 admin interfaces

After completing this module, you will be able to:

- Describe the Microsoft Office 365 components and subscription/licensing options.
- Describe the Office 365 administrative portals, Windows PowerShell management, and admin roles.
- Provision and configure an Office 365 tenant, custom domains, and DNS records.
- Describe the options for hybrid Office 365 configuration.

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
- Manage 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 a GUI and Windows PowerShell
- Managing Office 365 password policies and self-service password reset

After completing this module, you will be able to:

- Describe directory synchronization and authentication.
- Deploy and configure Azure AD Connect.
- Manage user and group accounts in a Microsoft 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 2019

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

After completing this module, you will be able to:

- Describe Microsoft Exchange Online as a part of Microsoft Office 365.
- Describe Microsoft Exchange Server hybrid configuration options and deployment options.

- Describe Exchange Server roles in hybrid deployment.

Module 4: Exchange Server hybrid deployment

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

Lessons

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

Lab : Implement the Exchange Server hybrid deployment

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

After completing this module, you will be able to:

- Use the Hybrid Configuration Wizard to establish an Exchange hybrid environment.
- Configure an Exchange hybrid deployment.
- Implement advanced functionality hybrid deployment.
- Describe the compliance features for an Exchange hybrid deployment.

Module 5: Skype for Business and Teams in Office 365 hybrid deployment

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

Lessons

- Overview of Microsoft Teams
- Planning and preparing for the hybrid Skype for Business deployment
- Using the Skype for Business hybrid configuration with Phone system
- Configure the Skype for Business hybrid environment

Lab : Implement the Skype for Business hybrid configuration

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- Deploy Skype for Business with Enterprise Voice (pre-lab)
- Move users to Skype for Business Online
- Enable Office 365 Phone System and Audio Conferencing
- Design and implement a Skype for Business hybrid configuration

After completing this module, you will be able to:

- Describe Teams as a part of Office 365.
- Prepare the Skype for Business hybrid deployment.
- Configure the Skype for Business hybrid environment.
- Describe hybrid deployment options with Office 365 Phone System.

Module 6: SharePoint and OneDrive for Business hybrid deployment

This module explains how to deploy SharePoint and OneDrive for Business in hybrid environments.

Lessons

- Overview of SharePoint Online
- Plan for a SharePoint hybrid deployment
- Deploy the SharePoint hybrid configuration
- Configure SharePoint services in a hybrid configuration

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

- Design and prepare SharePoint Server for a hybrid configuration
- Deploy SharePoint services in a hybrid configuration
- Validate the SharePoint services functionality in a hybrid configuration

After completing this module, you will be able to:

- Describe SharePoint Online as a part of Office 365.
- Plan for a SharePoint hybrid deployment.
- Deploy SharePoint Server in a 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

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

Lab : Configure additional Office 365 services in hybrid deployments

- Implement Multi-Factor Authentication
- Implement Azure Information Protection
- Implement Azure AD Privileged Identity Management

After completing this module, you will be able to:

- Implement Multi-Factor Authentication.
- Implement Azure Information Protection.
- Implement Identity Protection and Azure AD Privileged 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

- Deploy AD FS for SSO in an Office 365 hybrid environment
- Deploy pass-through authentication for SSO in Office 365
- Plan authentication options in Office 365

Lab : Implement authentication solutions in hybrid deployments

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

After completing this module, you will be able to:

- Deploy AD FS for single sign-on (SSO) in an Office 365 hybrid environment.

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