



**Course 10984B: Deploying
and Managing Office 365
Hybrid Deployments**

This is a 3-day ILT course that targets the needs of IT professionals who take part in administering, configuring, and operating Office 365 services in hybrid environments, where part of the infrastructure is hosted on-premises. This course also includes management of identities, authentication, and supporting technologies for Office 365. This course focuses on the skills required to administer and troubleshoot an Office 365 tenant, and key services of Office 365 such as Exchange Online, SharePoint Online, and Skype for Business, as well as services such as Azure Multi-Factor Authentication (MFA), Azure Active Directory Identity Protection, and Azure Active Directory Privileged Identity Management. All these services are covered from the hybrid aspect. This course provides knowledge on how to use Office 365 services for both cloud and on-premises resources.

Audience profile

The audience for this course includes IT professionals and system administrators who want to learn how to implement and maintain Office 365 in hybrid scenarios, where one part of collaboration infrastructure is located on-premises and integrated with Office 365 services. These professionals should have at least 3 years of experience working in their respective fields—specifically, previous knowledge about Exchange Server, SharePoint Server, and Skype for Business Server (for example, Lync server) is expected. Students who attend this course are also expected to have a fairly broad understanding of Office 365 services administration in general, as well as several on-premises technologies such as DNS and AD DS.

At course completion

After completing this course, you will be able to:

- Describe Office 365 administration tools and licensssing options.
- Deploy and configure directory synchronization in an Office 365 deployment.
- Plan hybrid configuration with Exchange Server and Exchange Online.
- Perform an Exchange Server hybrid configuration deployment.
- Describe and deploy Skype for Business and Teams in a hybrid deployment.
- Deploy SharePoint and OneDrive for Business in a hybrid environment.
- Describe and deploy various authentication methods in a hybrid Office 365 deployment.

Module 1: Introduction to Office 365 administration and licensing

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

Module 2: Deploying and configuring directory synchronization

- Directory synchronization and authentication overview
- Azure AD Connect deployment and configuration
- Manage user and group objects in an Office 365 hybrid environment

Module 3: Exchange Server hybrid deployment planning

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

Module 4: Exchange Server hybrid deployment

- 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

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

- 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

Module 6: SharePoint and OneDrive for Business hybrid deployment

- Overview of 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

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

Module 8: Authentication options in hybrid deployments

- 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



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