



Master Cloud Microsoft

OBJETIVOS

El Master Cloud Microsoft de Gadesoft unifica los cursos más demandados de Office 365 y Azure, proporcionando a los asistentes la obtención de una doble titulación (MCSA Productivity y MCSA Cloud Platform)

El objetivo del master es formar a los asistentes en las tecnologías más punteras del momento y proporcionarles unos conocimientos teóricos y prácticos sobre Office 365 y Azure con los siguientes cursos:

- MOC 20347 – Enabling and Managing Office 365
- MOC 20533 – Implementing Microsoft Azure Infrastructure Solutions
- MOC 20535 – Architecting Microsoft Azure Solutions

DATOS DEL CURSO

Duración

75 horas lectivas + 1 jornada preparación a exámenes

Plazas MUY limitadas

Documentación oficial y Labs incluidos.

Exámenes de certificación incluidos para doble titulación:

MCSA Productivity (exámenes 70-346 y 70-347)

MCSA Cloud Platform (exámenes 70-533 y 70-535)

Precio:

2.900€/asistente

Posibilidad de canjear Training Vouchers: 10/asistente

Fechas y horarios:

De lunes a jueves, de 18:00 a 21:00

Del 9 de abril al 31 de mayo

No lectivos del 30 de abril al 3 de mayo; ni 14 y 15 de mayo.

Más información e inscripciones:

Para más información, póngase en contacto con nosotros.

[Regístrate](#)



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TEMARIO

Module 1: Planning and provisioning Office 365

- Overview of Office 365
- Provisioning an Office 365 tenant & planning pilot deployment

Lab : Provisioning Office 365

Module 2: Managing Office 365 users and groups

- Managing user accounts, licenses, passwords & authentication
- Managing security groups in Office 365
- Managing Office 365 users & groups with Windows PowerShell
- Configuring administrative access

Lab : Managing Office 365 users and passwords

Lab : Managing Office 365 groups and administration

Module 3: Configuring client connectivity to Microsoft Office 365

- Planning for Office 365 clients
- Planning connectivity for Office 365 clients
- Configuring connectivity for Office 365 clients

Lab : Configuring client connectivity to Office 365

Module 4: Planning and configuring directory synchronization

- Planning and preparing for directory synchronization
- Implementing directory synchronization by using Azure AD
- Managing Office 365 identities with directory synchronization

Lab : Configuring directory synchronization

Module 5: Planning and deploying Office 365 ProPlus

- Overview of Office 365 ProPlus
- Managing user-driven Office 365 ProPlus deployments
- Planning & managing centralized deployments of Office 365 ProPlus
- Office telemetry and reporting

Lab : Managing Office 365 ProPlus installations

Module 6: Planning and managing Exchange Online recipients and permissions

- Overview of Exchange Online
- Managing Exchange Online recipients
- Planning and configuring Exchange Online permissions

Lab : Managing Exchange Online recipients and permissions

Module 7: Planning and configuring Exchange Online services

- Planning and configuring email flow in Office 365
- Planning and configuring email protection in Office 365
- Planning and configuring client access policies
- Migrating to Exchange Online

Lab : Configuring message transport in Exchange Online

Lab : Configuring email protection and client policies



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Module 8: Planning and deploying Skype for Business Online

- Planning and configuring Skype for Business Online service settings
- Configuring Skype for Business Online users and client connectivity
- Planning voice integration with Skype for Business Online

Lab : Configuring Skype for Business Online

Module 9: Planning and configuring SharePoint Online

- Configuring SharePoint Online services
- Planning and configuring SharePoint site collections
- Planning and configuring external user sharing

Lab : Configuring SharePoint Online

Module 10: Planning and configuring a Office 365 collaboration solution

- Planning and managing Yammer Enterprise
- Planning and configuring OneDrive for Business
- Configuring Office 365 groups and Microsoft Teams

Lab : Planning and configuring an Office 365 collaboration solution

Module 11: Planning and configuring rights management and compliance

- Overview of the compliance features in Office 365
- Planning and configuring Azure Rights Mmanagement in Office 365
- Managing the compliance features in Office 365

Lab : Configuring Rights Mmanagement and compliance

Module 12: Monitoring and troubleshooting Microsoft Office 365

- Troubleshooting Office 365
- Monitoring Office 365 service health

Lab : Monitoring and troubleshooting Office 365

Module 13: Planning and configuring identity federation

- Understanding identity federation
- Planning an AD FS deployment
- Deploy AD FS for identity federation with Office 365
- Planning and implementing hybrid solutions (Optional)

Lab : Planning and configuring identity federation



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Module 1: Introduction to Azure

- Cloud technology overview
- Overview of Azure
- Managing Azure with the Azure portal
- Managing Azure with Windows PowerShell
- Overview of Azure Resource Manager
- Azure management services

Lab : Managing Microsoft Azure

Module 2: Implementing and managing Azure networking

- Overview of Azure networking
- Implementing and managing Azure virtual networks
- Configuring Azure virtual networks
- Configuring Azure virtual network connectivity
- Overview of Azure classic networking

Lab : Using a deployment template to implement Azure virtual networks

Lab : Configuring connectivity between classic and Azure Resource Manager virtual networks

Module 3: Implementing virtual machines

- Overview of Azure Resource Manager virtual machines
- Planning for Azure virtual machines
- Deploying Azure Resource Manager virtual machines
- Authoring Azure Resource Manager templates
- Overview of classic virtual machines

Lab : Creating Azure Resource Manager virtual machines in Azure

Lab : Deploying Azure Resource Manager virtual machines by using Azure Resource Manager templates

Module 4: Managing virtual machines

- Configuring virtual machines & virtual machine disks
- Managing and monitoring Azure virtual machines
- Managing classic virtual machines

Lab : Managing Azure virtual machines

Module 5: Implementing Azure App services

- Planning app deployment in App Service
- Implementing and maintaining web apps
- Configuring web apps
- Monitoring web apps and WebJobs
- Implementing mobile apps
- Traffic Manager

Lab : Implementing websites



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Module 6: Planning and implementing storage, backup, and recovery services

- Planning storage
- Implementing and managing storage
- Implementing Azure Content Delivery Networks
- Implementing Azure Backup
- Planning for and implementing Azure Site Recovery

Lab : Planning and implementing Azure storage

Module 7: Planning and implementing Azure SQL Database

- Planning and deploying Azure SQL Database
- Implementing and managing Azure SQL Database
- Managing Azure SQL Database security
- Monitoring Azure SQL Database
- Managing Azure SQL Database business continuity

Lab : Planning and implementing Azure SQL Database

Module 8: Implementing PaaS cloud services

- Planning and deploying PaaS cloud services
- Managing and maintaining cloud services

Lab : Implementing PaaS cloud services

Module 9: Implementing Azure Active Directory

- Creating and managing Azure AD tenants
- Configuring application and resource access with Azure AD
- Overview of Azure AD Premium

Lab : Implementing Azure AD

Module 10: Managing Active Directory in a hybrid environment

- Extending an on-premises Active Directory domain to Azure IaaS
- Implementing directory synchronization by using Azure AD Connect
- Implementing federation

Lab : Implementing and managing Azure AD synchronization

Module 11: Implementing Azure-based management and automation

- Implementing Microsoft Operations Management Suite (OMS)
- Implementing Azure Automation
- Implementing Automation runbooks
- Managing Azure Automation

Lab : Implementing Automation



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Module 1: Application Architecture Patterns in Azure

- Pattern Resources
- Performance Patterns
- Resiliency Patterns
- Scalability Patterns
- Data Patterns

Module 2: Deploying Resources with Azure Resource Manager

- ARM Templates
- Role-Based Access Control (RBAC)
- Resource Policies
- Security
- Building Blocks

Lab : Getting Started with Azure Resource Manager

Module 3: Building Azure IaaS-Based Server Applications

- High Availability
- Templated Infrastructure
- Domain-Connected Machines

Lab : Deploying Infrastructure Workloads to Azure

Module 4: Creating Managed Server Applications in Azure

- Infrastructure-Backed Platform-as-a-Service (PaaS)
- High-Performance Compute (HPC)
- Migration

Lab : Deploying Managed Server Workloads to Azure

Module 5: Authoring Serverless Applications in Azure

- Azure Web App
- Azure Functions
- Integration
- High Performance

Lab : Deploying Serverless Workloads to Azure

Module 6: Backing Azure Solutions with Azure Storage

- Pricing
- Blob Storage
- Files
- StorSimple

Lab : Deploying Azure Storage to Support Other Workloads in Azure



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Module 7: Comparing Database Options in Azure

- Relational
- NoSQL Services
- Azure Cosmos DB
- Data Storage
- Data Analysis

Lab : Deploying Database Instances in Azure

Module 8: Networking Azure Application Components

- VNETS
- Load Balancing
- External Connectivity
- Hybrid Connectivity

Lab : Deploying Network Components for Use in Azure Solutions

Module 9: Managing Security and Identity for Azure Solutions

- Security Monitoring
- Data Security
- Application Security Azure Active Directory (Azure AD)
- Hybrid Identity
- Azure AD Application Integration

Lab : Deploying Services to Secure Secrets in Azure

Module 10: Integrating SaaS Services Available on the Azure Platform

- Cognitive Services
- Bot Services
- Machine Learning
- Media Services

Lab : Deploying Service Instances as Components of Overall Azure Solutions

Module 11: Integrating Azure Solution Components using Messaging

- Services & Event Messaging
- Integration
- IoT

Lab : Deploying Messaging Components to Facilitate Communication Between Azure Resources

Module 12: Monitoring and Automating Azure Solutions

- Application Monitoring, Platform Monitoring, Network Monitoring
- Alerting, Backup, Azure Automation
- Config Management
- Auto-Scale

Lab : Deploying Configuration Management Solutions to Azure



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