



# CORSO MOC WS-011

WINDOWS SERVER 2019 ADMINISTRATION  
DURATA 5GG

## PROGRAMMA

### MODULO I: WINDOWS SERVER ADMINISTRATION OVERVIEW

- Introducing Windows Server 2019
- Windows Server Core Overview
- Windows Server administration principles and tools overview

### MODULO II: IDENTITY SERVICES IN WINDOWS SERVER

- AD DS Overview
- Deploying Windows Server domain controllers
- Azure AD overview
- Implementing Group Policy
- Active Directory Certificate Services overview

### MODULO III: NETWORK INFRASTRUCTURE SERVICES IN WINDOWS SERVER

- Deploying and managing DHCP
- Deploying and managing DNS service
- Deploying and managing IPAM
- Remote Access Services in Windows Server

### MODULO IV: FILE SERVERS AND STORAGE MANAGEMENT IN WINDOWS SERVER

- Volumes and File Systems in Windows Server
- Implementing sharing in Windows Server
- Implementing Storage Spaces in Windows Server
- Implementing Data Deduplication
- Implementing iSCSI
- Deploying Distributed File System

### MODULO V: HYPER-V VIRTUALIZATION AND CONTAINERS IN WINDOWS SERVER

- Hyper-V in Windows Server
- Configuring VMs
- Securing virtualization in Windows Server
- Containers in Windows Server
- Overview of Kubernetes

## CONTACT

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## MODULO VI: HIGH AVAILABILITY IN WINDOWS SERVER

- Planning for failover clustering implementation
- Creating and configuring failover cluster
- Overview of stretch clusters
- High availability and disaster recovery solutions with Hyper-V VMs

## MODULO VII: DISASTER RECOVERY IN WINDOWS SERVER

- Hyper-V Replica
- Backup and restore infrastructure in Windows Server

## MODULO VIII: WINDOWS SERVER SECURITY

- Credentials and privileged access protection
- Hardening Windows Server
- JEA in Windows Server
- Securing and analyzing SMB traffic
- Windows Server update management

## MODULO IX: RDS IN WINDOWS SERVER

- Overview of RDS
- Configuring a session-based desktop deployment
- Overview of personal and pooled virtual desktops

## MODULO X: REMOTE ACCESS AND WEB SERVICES IN WINDOWS SERVER

- Implementing VPNs
- Implementing Always On VPN
- Implementing NPS
- Implementing Web Server in Windows Server

## MODULO XI: SERVER AND PERFORMANCE MONITORING IN WINDOWS SERVER

- Overview of Windows Server monitoring tools
- Using Performance Monitor
- Monitoring event logs for troubleshooting

## MODULO XII: UPGRADE AND MIGRATION IN WINDOWS SERVER

- AD DS migration
- Storage Migration Service
- Windows Server migration tools