



# CORSO MOC WS-013

WINDOWS SERVER 2019 AZURE STACK HCI  
DURATA 3GG

## PROGRAMMA

### MODULO I: INTRODUCING AZURE STACK HCI

- Overview of Azure Stack HCI
- Overview of Azure Stack HCI technologies
- Overview of Azure Stack HCI management tools
- Overview of the Azure Stack HCI hybrid capabilities

### MODULO II: OPERATING AND MAINTAINING AZURE STACK HCI

- Implementing and managing workloads on Azure Stack HCI
- Maintaining Azure Stack HCI

#### Lab: Using Windows Admin Center in hybrid scenarios

- Integrating hyperconverged infrastructure with Azure services
- Reviewing Azure integration functionality
- Managing updates to hyperconverged infrastructure

### MODULO III: PLANNING FOR AND IMPLEMENTING AZURE STACK HCI STORAGE

- Overview of Azure Stack HCI Storage core technologies
- Planning for Storage Spaces Direct in Azure Stack HCI
- Implementing a Storage Spaces Direct-based hyper-converged infrastructure
- Managing Storage Spaces Direct in Azure Stack HCI
- Planning for and implementing Storage QoS
- Planning for and implementing Storage Replica

#### Lab: Implementing a Storage Spaces Direct cluster

- Implementing a Storage Spaces Direct cluster by using Windows Admin Center
- Implementing an Storage Spaced Direct cluster by using Windows PowerShell
- Managing of a Storage Spaces Direct cluster by using Windows Admin Center and Windows PowerShell
- Managing and monitoring resiliency of a Storage Spaces Direct cluster
- Managing Storage Spaces Direct cluster tiers
- Identifying and analyzing metadata of a Storage Spaces Direct cluster (optional)

## CONTACT

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## MODULO IV: PLANNING FOR AND IMPLEMENTING AZURE STACK HCI NETWORKING

- Overview of Azure Stack HCI core networking technologies
- Overview of network virtualization and Software-Defined Networking
- Planning for and implementing Switch Embedded Teaming
- Planning for and implementing Datacenter Firewall
- Planning for and implementing Software Load Balancing
- Planning for and implementing RAS Gateways

### Lab: Deploying Software-Defined Networking

- Deploying Software-Defined Networking by using PowerShell
- Managing virtual networks by using Windows Admin Center and PowerShell
- Implementing SDN Access Control List by using Windows Admin Center
- Implementing SDN Software Load Balancing by using Windows Admin Center and Windows PowerShell

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