

Windows Azure : Intégration d'une infrastructure de base locale

Référence : **MS10992**

Durée : **3 jours**

Certification : **Aucune**

CONNAISSANCES PREALABLES

- 1-understanding of on-premises virtualization technologies, including virtual machines, virtual networking, and virtual hard disks. • 2-understanding of network configuration, including TCP/IP, Domain Name System (DNS), VPNs, firewalls, and encryption technologies. • 3-understanding of web applications, including creating, configuring, monitoring, and deploying web applications on Internet Information Services (IIS). • 4-understanding of Active Directory concepts, including domains, forests, domain controllers, replication, the Kerberos protocol, and Lightweight Directory Access Protocol (LDAP). • 5-Knowledge of Windows Server 2012 and Windows Server 2016 fundamentals - Windows PowerShell command-line interface basics - cloud computing basics.

PROFIL DES STAGIAIRES

- IT professionals and development operations (DevOps) professionals who are well versed in on-premises technologies.

OBJECTIFS

- Cover a range of components, including Azure Compute, Azure Storage, and network services that customers can benefit from when deploying hybrid solutions. • This course offers an overview of these services, providing the knowledge necessary to design hybrid solutions properly.

CERTIFICATION PREPAREE

- Aucune

METHODES PEDAGOGIQUES

- Mise à disposition d'un poste de travail par stagiaire
- Remise d'une documentation pédagogique numérique pendant le stage
- La formation est constituée d'apports théoriques, d'exercices pratiques, de réflexions et de retours d'expérience
- Le suivi de cette formation donne lieu à la signature d'une feuille d'émargement

FORMATEUR

Consultant-Formateur expert Azure

METHODE D'EVALUATION DES ACQUIS

- Auto-évaluation des acquis par le stagiaire via un questionnaire
- Attestation des compétences acquises envoyée au stagiaire
- Attestation de fin de stage adressée avec la facture

CONTENU DU COURS

Introduction to Microsoft Azure

- Overview of cloud computing and Azure
- Overview of the Azure deployment models

Integrating with Azure Compute services

- Overview of Azure virtual machines and Azure cloud services

- Migrating workloads to Azure virtual machines by using virtual machine images and disks
- Extending HPC workloads to Azure
- Integrating compute workloads by using containers and Azure Service Fabric

Integrating with Microsoft Azure virtual networks

- Overview of Azure Virtual Network Service
- Extending on-premises networks to Azure

Integrating with Azure Storage and data services

- Overview of Azure Storage and data services
- Implementing Azure Backup for on-premises workloads

Designing and implementing Azure Site Recovery solutions

- Overview of Site Recovery
- Planning for Site Recovery
- Implementing Site Recovery with Azure as the disaster recovery site

Designing and implementing cross-premises applications

- Overview of cross-premises application capabilities and their design considerations
- Implementing cross-premises solutions for desktop, web, and mobile apps

Integrating operations and application monitoring and management

- Overview of the cross-premises monitoring and management capabilities of Microsoft Azure
- Implementing cross-premises Azure monitoring and management solutions

Notre **référént handicap** se tient à votre disposition au 01.71.19.70.30 ou par mail à referent.handicap@edugroupe.com pour recueillir vos éventuels besoins d'aménagements, afin de vous offrir la meilleure expérience possible.