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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Implementing Microsoft Azure Infrastructure Solutions

CODE:	DURÉE:	PRIX H.T.:
MCS_20533	40 Hours (5 Jours)	€2,890.00

Description

This course teaches IT professionals how to provision and manage services in Microsoft Azure. Students will learn how to implement infrastructure components such as virtual networks, virtual machines, containers, web and mobile apps, and storage in Azure. Students also will learn how to plan for and manage Azure AD, and configure Azure AD integration with on-premises Active Directory domains.

Objectifs

After completing this course, students will be able to:
   Describe Azure architecture components, including infrastructure, tools, and portals. Implement and manage virtual networking within Azure and configure cross-premises connectivity.
   Plan and create Azure VMs.
   Configure, manage, and monitor Azure VMs to optimize availability and reliability.
   Implement Azure App Service.
   Plan and implement storage, backup, and recovery services.
   Implement container-based workloads in Azure.
   Deploy, configure, monitor, and diagnose cloud services.
   Implement Azure AD.
   Manage an Active Directory infrastructure in a hybrid environment.
   Automate operations in Azure by using Azure Automation runbooks.

Audience

This course is intended for IT professionals who have some knowledge of cloud technologies and want to learn more about Azure. This course is intended for:
   IT professionals who want to deploy, configure, and administer services, containers, and virtual machines (VMs) in Azure.
   IT professional who use Microsoft System Center to manage and orchestrate server infrastructure.
   Windows Server administrators who are looking to evaluate and migrate on-premises Active Directory roles and services to the cloud.
   IT professionals who want to use Azure to host websites and mobile app back-end services.
   IT professionals who are experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.
   IT professionals who want to take the Microsoft Certification Exam 70-533: "Implementing Microsoft Azure Infrastructure Solutions."

Prérequis

Before attending this course, students must have the following technical knowledge:
   Completed the Microsoft Certified Systems Administrator (MCSA) certification in Windows Server 2012 or Windows Server 2016.
   Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
   Understanding of network configuration, including: TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
   Understanding of websites, including: how to create, configure, monitor and deploy a website on Internet Information Services (IIS).
   Understanding of Active Directory concepts, including: domains, forests, domain controllers, replication, Kerberos protocol, and Lightweight Directory Access Protocol (LDAP).
   Understanding of resilience and disaster recovery, including backup and restore operations.

Dates de session

Date	Lieu	Time Zone	Langue	Type	Garanti	PRIX H.T.
28 May 2023			English	MOC On Demand		€795.00

Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.