



## Microsoft Azure Initiation



SII-417    2 Days ( Hours)



### Description

Our Microsoft Azure Initiation training will provide you with the knowledge and skills necessary to take charge of the cloud computing platform developed by Microsoft.

### Who is this training for ?

#### For whom

Administrators, Architects, Project Managers, Developers, Engineers, All

#### Prerequisites

Knowledge of websites, database concepts, and active directory

### Training objectives

- Describe and create Azure Cloud services
- configure virtual machines and networks
- manage Cloud storage and databases using the numerous tools and features made available by the application platform

### Training program

#### Introduction à la formation Microsoft Azure Initiation

- Back to Cloud Computing
- Key Cloud Players Microsoft Azure Overview
- Microsoft Azure Management Overview
- Registration and billing
- Services offered
- Customize the Azure interface

#### Outils de gestion Microsoft Azure

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Image n°Corner of bd Abdelmoumen and rue Soumaya, Shehrazade 3 Residence, 7th floor N° 30, Casablanca 20340, Morocco  
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- Azure PowerShell
- Azure SDK et Azure CLI

### Machines virtuelles sous Microsoft Azure

- Create and configure virtual machines
- Use a virtual machine image for Azure Marketplace
- Verify functionality and configure storage for a VM
- Configure disks

### Applications Web et services Cloud

- Create and configure web applications
- Deploy and monitor web applications
- Create and deploy Cloud PaaS services

### Création et configuration de réseaux virtuels

- Back to virtual networks
- Configure Azure network options
- Azure Load Balancer, description and implementation

### Stockage Cloud

- Understand Cloud Storage
- Create and manage Azure Storage
- Blob Storage

### Bases de données Microsoft Azure

- Different options for deploying a relational database
- Create and connect to Azure SQL databases
- Create a new Azure database
- SQL and configure SQL Server firewall rules
- Manage database contents
- Azure SQL using SQL Server
- Management Studio

### Création et gestion d'Azure Active Directory (Azure AD)

- Azure AD overview: clients, domains, users
- Manage Azure AD authentication
- Create Azure AD users
- Create a new Azure AD tenant and custom DNS domain