

## AZ-301T01-A : Designing for Identity and Security

Learn how to manage security and identity within the context of Azure.

Also, you'll be introduced to multiple SaaS services available in Azure that for integration into existing Azure solutions.

### Détails

- Code : AZ-301T01
- Durée : 1 jour ( 7 heures )

#### Public

- Administrateurs
- Administrateurs de bases de données
- Administrateurs de Cloud
- Administrateurs de data warehouse
- Administrateurs Linux
- Administrateurs systèmes
- Administrateurs systèmes et réseaux
- Administrators
- Consultants
- Consultants en Sécurité
- Consultants informatiques

#### Pré-requis

### Objectifs

- Integrate their existing solutions with external identity providers using Azure AD B2B or B2C, Design a hybrid identity solution
- Determine when to use advanced features of Azure AD such as Managed Service Identity, MFA and Privileged Identity Management, Secure application secrets using Key Vault
- Secure application data using SQL Database and Azure Storage features, Detail the various APIs available in Cognitive Services
- Identify when to use the Face API, Speech API or Language Understanding (LUIS) service
- Describe the relationship to Bot Framework and Azure Bot Services

### Programme

#### Module 1: Managing Security & Identity for Azure Solutions

- Description
  - This module discusses both security and identity within the context of Azure
  - For security, this module reviews the various options for monitoring security, the options available for securing data and the options for securing application secrets
  - For identity, this module focuses specifically on Azure Active Directory (Azure AD) and the various features available such as Multi-Factor Authentication (MFA), Managed Service Identity, Azure AD Connect, ADFS and Azure AD B2B/B2C
- Lab
  - Securing Secrets in Azure
- After completing this module, students will be able to:
  - Integrate their existing solutions with external identity providers using Azure AD B2B or B2C
  - Design a hybrid identity solution
  - Determine when to use advanced features of Azure

- AD such as Managed Service Identity, MFA and Privileged Identity Management
- Secure application secrets using Key Vault
- Secure application data using SQL Database and Azure Storage features

#### Module 2: Integrating SaaS Services Available on the Azure Platform

- Description
  - This module introduces multiple SaaS services available in Azure that are available for integration into existing Azure solutions
  - These services include Cognitive Services, Bot Service, Machine Learning and Media Services
- Lab
  - Deploying Service Instances as Components of Overall Azure Solutions
- After completing this module, students will be able to:
  - Detail the various APIs available in Cognitive Services
  - Identify when to use the Face API, Speech API or Language Understanding (LUIS) service

## Modalités

- **Type d'action** :Acquisition des connaissances
- **Moyens de la formation** :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- **Modalités pédagogiques** :Exposés – Cas pratiques – Synthèse
- **Validation** :Exercices de validation – Attestation de stages