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Sign up

Governance with Microsoft Azure training
2 days (14 hours)

Presentation

This training course takes a governance approach to Azure. After a general introduction to key concepts and the use of Azure, governance is covered in its various aspects: identity, role and authorization management, application integration and resource policy definition.

Mastery of analysis, audit and diagnostic tools, as well as the use of Resource Graph, through Graph Explorer and the Kusto language, complete the coverage of the subject.

Objectives

- Understanding the fundamentals of Azure
- Implement governance mechanisms to secure and operate applications

Target audience

- Project managers
- System administrators

Prerequisites

- Cloud and virtualization principles
- Identity management principles
- Have an Azure account

Microsoft Azure Governance Training Program

Introduction to the Microsoft Cloud

- Microsoft Cloud offerings: Azure, Office365
- Understanding basic concepts and services
- How Azure Resource Manager (ARM) works
- Azure tools: Azure CLI, Web Portal, ARM

Identity management with Azure AD (AAD)

- User and group management
- The different authentication mechanisms
- Hybrid identities with AD, AAD and O365 and possible authentication methods
- Collaboration between organizations with AAD B2B
- Identity management principles for applications
- Application authentication mechanisms

Access management with RBAC

- Principle of RBAC roles with Azure AD
- Using predefined and customized roles
- Role assignment management

Governance, audit, diagnostics

- Confidentiality, compliance and security
- Using Azure Policy
- Subscriptions, SLAs and cost management
- Control usage with audits, logs and diagnostics

Azure Resource Graph and Graph Explorer

- Introducing Azure Resource Graph
- Building queries with the Kusto language
- Using Graph Explorer

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology or to

acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.