Deploy and administer Linux virtual machines on Azure(AZ-1007)

Duration: 1 day
Audience: Professionnel TI

Who is this training for?

- System administrators
- People working in cloud engineering
- Solution architects
- People developing applications

Training objectives

- Create and configure Linux VMs in the Azure environment
- Manage configurations, updates, and maintenance of Linux VMs
- Use Azure tools to monitor performance and optimize VM resources
- Implement security measures to protect Linux VMs from potential threats
- Use scripts and automation tools to simplify machine management virtual

Summary

In this course, you will practice the applied skill Deploy and Administer Linux Virtual Machines on Microsoft Azure.

Course outline

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- Configure VMs
- Add and size disks in Azure VMs
- Protect your VMs by using Azure Backup
- Manage VMs with Azure CLI
- Copy and move blobs from one storage account or container to another using the AzCopy command
- Guided project: Deploy and administer Linux VMs on Azure

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually deploy and administer Linux VMs on Azure through real-world exercises inspired by real-world scenarios, promoting immediate application of learnings. They learn how to configure, secure, and maintain Linux environments, as well as how to optimize their performance and availability in the cloud. Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable technical skills to effectively manage Linux infrastructures in a professional context.

Prerequisites

- Knowledge of identity management and role-based access control
- Experience working with the administration of Linux kernel-based operating systems

Recommendations

- Solid foundation in Linux (command line, system administration)
- Knowledge of virtual machine concepts and virtualization Understanding of network basics (IP, SSH, DNS)
- Familiarity with Microsoft Azure Notions of security and access management

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