

DevOps foundations: The core principles and practices (AZ-2008)

Duration: 1 day

Audience: Professionnel TI

Who is this training for?

- Entry-level
- Administrators
- Application developers
- DevOps engineering professionals
- Security engineering professionals
- Security operations analysts
- Solution architects
- Students
- Support engineering professionals

Training objectives

- Discover DevOps
- Plan with DevOps
- Develop with DevOps
- Deliver with DevOps
- Work with DevOps

Summary

Explore DevOps practices using GitHub. Your development and operations teams will benefit from improved collaboration, agility, continuous integration, continuous delivery, automation, and operational excellence across all phases of the application lifecycle.

Course outline

- Discover DevOps

- Plan with DevOps
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Approach and methodology

- Practical and structured approach combining focused theory and guided workshops.
- Participants gradually learn the fundamental principles and practices of DevOps with Azure through real-world exercises inspired by business scenarios, promoting immediate application of learnings.
- They learn how to collaborate effectively, automate processes, and implement continuous integration and deployment approaches.
- Led by a Microsoft-certified trainer, the training focuses on interactivity and the development of directly transferable skills to adopt a DevOps culture in a professional context.

Prerequisites

- An Azure subscription.
- You must bring your own subscription
- Basic knowledge of IT terms and concepts
- You need an Azure subscription to complete the exercises. If you don't have an Azure subscription, create a free account and add a subscription before you begin. If you're a student, you can take advantage of the Azure for Students offer

Recommendations

- Basic knowledge of software development or IT administration
- General understanding of IT environments (applications, infrastructure)
- Basic notions of versioning (Git)
- Knowledge of cloud and Azure concepts (asset)
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Interest in collaborative practices and automation