

# Azure DevOps Solution Expert Master Class - Blended Learning

Durée : ± 140 heures d'étude/ accès 365 jours / 1 voucher d'examen compris

**Azure DevOps** est une suite complète d'outils et de services de développement fournie par Microsoft pour soutenir l'ensemble du **cycle de vie du développement logiciel (SDLC)**. Elle facilite la collaboration entre les équipes de développement, d'exploitation et d'assurance qualité, leur permettant de planifier, développer, livrer et surveiller les projets logiciels de manière efficace.

Participer à une formation Azure DevOps Solution Expert Master Class offre de nombreux avantages, en particulier pour les professionnels de l'informatique, les développeurs et les organisations souhaitant **optimiser leurs processus de développement et de déploiement de logiciels**.

Cette formation mixte comprend :

- 140 heures de formation mixte : 20 heures d'apprentissage en ligne à votre rythme et 120 heures de formation avec un instructeur
- 53 études de cas basées sur l'industrie
  - 4 tests d'évaluation
  - 4 projet-tests
  - 1 an d'accès
- 1 voucher d'examen inclus (AZ 400)



**ATTENTION : ce module et l'examen inclus sont en anglais.**

## WHY ATTEND THIS TRAINING?

- **Comprehensive Understanding of Azure DevOps:** gain a deep understanding of Azure DevOps tools and services to equip yourself with the knowledge to manage the entire software development lifecycle effectively.
- **Enhance Productivity and Efficiency:** learn to streamline workflows and automate processes to increase team productivity and reduce manual errors, leading to faster project completion and delivery.
- **Improve Collaboration:** facilitate better communication and coordination among development, operations, and QA teams and foster a collaborative environment that improves project outcomes and team synergy.
- **Accelerate Time-to-Market:** implement continuous integration and continuous deployment (CI/CD) pipelines and speed up the development cycle, enabling quicker release of features and products.
- **Ensure Quality and Security:** adopt best practices for testing, monitoring, and security within DevOps processes and deliver high-quality, secure software that meets compliance standards.
- **Hands-on Experience:** engage in practical labs and real-world scenarios and gain practical knowledge and skills that you can directly apply to your projects.
- **Cost Efficiency:** optimize resource utilization and reduce operational costs through automation and efficient DevOps practices to lower expenses related to error corrections, downtime, and inefficient processes.

## LEARNING OBJECTIVES

B2B LEARNING srl/bva

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TVA : BE 0475.396.208 | IBAN : BE03 7360 3289 4784

## At the end of this Azure DevOps Solution Expert program, you will:

- **Develop** an instrumentation strategy
- **Elaborate** a Site Reliability engineering (SRE) strategy
- **Enhance** a security and compliance plan
- **Manage** source control
- **Facilitate** communication and collaboration
- **Define** continuous integration
- **Implement** a continuous delivery and release management strategy

## COURSE CURRICULUM

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- [See the attached program in pdf](#)

## DELIVERY MODE

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**Blended** - Online self-paced learning and live virtual classroom

## WHO SHOULD ATTEND?

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- Professionals aspiring to clear the Microsoft Certified DevOps Engineer Expert Exam
- IT professionals who want to understand Microsoft DevOps
- Cloud Professionals
- Software Developers
- Solution Architects
- System Administrators
- Project Manager
- Site Reliability Engineers
- Technical Leads

## PREREQUISITES

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There are no eligibility criteria for this Azure DevOps solution Expert course. The course is designed in such a way that even the absolute beginners will be comfortable with the course progress. However having fundamental knowledge of below mentioned topics might be beneficial for the learners:

- Foundational knowledge of Cloud architecture
- Fundamentals of Cloud Computing
- Basic understanding of virtualization, networking & databases
- Proficiency in using Visual Studio IDE, PowerShell and Command-Line interface