Azure DevOps Solution Expert Master Class - Blended Learning

Duration: approx. 140 hours study time/ 365-day access / 1 exam voucher included

Azure DevOps is a comprehensive suite of development tools and services provided by Microsoft **to support the entire software development lifecycle (SDLC)**. It facilitates collaboration among development, operations, and quality assurance teams, enabling them to plan, develop, deliver, and monitor software projects efficiently.

Attending an Azure DevOps Solution Expert Master Class offers numerous benefits, especially for IT professionals, developers, and organizations looking **to optimize their software development and deployment processes**.



This blended training includes

• 140 hours of blended training: 20 hours of online self-paced learning and 120 hours of instructor-led training

• 53 industry-based case studies

• 4 assessments tests

• 4 assessments projects

• 1 year access

• 1 exam voucher included (AZ 400)

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

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

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- **Facilitate** communication and collaboration
- **Define** continuous integration
- **Implement** a continuous delivery and release management strategy

COURSE CURRICULUM

- See the attached program in pdf

DELIVERY MODE

Blended - Online self-paced learning and live virtual classroom

WHO SHOULD ATTEND?

- 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

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:

- Fundational 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