EXIN DevOps Master™

	CATEGORY DevOps		**LEVEL** Expert		**DURATION** 3 days

COURSE DELIVERY

Classroom or virtual Classroom

TARGET AUDIENCE

The EXIN DevOps Master certification is tailored for:

- Professionals driving the implementation of DevOps practices.
- Individuals working within a DevOps context or transitioning to a DevOps approach.
- Business analysts, developers, security experts, Product Owners, process managers, and DevOps team members.

PREREQUISITES

Completing the EXIN DevOps Foundation and EXIN DevOps Professional exam or possessing equivalent DevOps knowledge is recommended.

EXAM INFO

- 40 multiple-choice questions, closed book
- 65% pass mark
- 90 mins duration

CERTIFICATE

EXIN DevOps Master™

EXAM BODY

EXIN

COURSE DESCRIPTION

Lead the way with EXIN DevOps Master™

Elevate your leadership with **EXIN DevOps Master™**, an advanced-level certification designed to assess candidates on their proficiency in cultivating sustainable work practices. This certification empowers individuals to champion DevOps, fostering efficient application and service life cycle management while cultivating collaborative teamwork.

EXIN DevOps Master™ prioritizes the introduction of DevOps with a focus on individual respect and customer-centricity. Embracing a blame-free culture, it encourages story-sharing and empathy development, allowing teams to excel in their crafts. DevOps, at its core, strives to deliver business value through comprehensive application and service lifecycle management, emphasizing value stream flow, continuous feedback loops, and automation.

This certification equips DevOps Masters™ with practical skills to successfully implement DevOps in teams and advocate its principles within the organization.

COURSE AND LEARNING OBJECTIVES

At the end of this course, participants will be able to understand :

- Implement continuous delivery practices, including version control, automated deployment, continuous integration, test automation, data management, and security.
- Design a loosely coupled DevOps architecture that supports continuous delivery.
- Improve product and process by utilizing customer feedback, visualizing flow and the value stream, working in small batch sizes, and fostering team experimentation.
- Implement Lean management practices, including monitoring and checking system health, limiting work in progress (WIP), and implementing a lightweight change management process.
- Drive cultural change by supporting a generative culture, becoming a learning organization, fostering collaboration, making work meaningful, and promoting transformational leadership.
- Assess the maturity of DevOps practices in an organization and visualize progress in DevOps maturity.

MindMagine

EMPOWERING PROFESSIONALS

As MindMagine, we have trained more than 60,000 professionals over Asia and Oceania since 2001.

Our focus in our training is to empower our participants by balancing practical experience and the theoretical background. The participants walk away with knowledge to apply the learnings and the theoretical background to successfully pass the exam requirements.

Our education portfolio ranges from courses in business services and processes to IT services and processes. This portfolio has enabled us to support our clients end to end in their organizations and enable synergy throughout corporate value chains.

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COURSE STUDENT MATERIAL

Participants will receive EXIN DevOps Master™ classroom workbook containing all of the presentation materials, course notes, case study and sample exams.

CONCEPTS COVERED

1. Implementing continuous delivery
- Implementing version control
- Automating deployment
- Establishing continuous integration
- Introducing test automation
- Managing data and data security (DevSecOps)
- Establishing continuous delivery
- Trunk-based development

2. Designing a DevOps architecture
- Creating a loosely coupled architecture

3. Improving product and process
- Using customer feedback
- Visualizing flow and the value stream
- Working in small batch sizes
- Fostering team experimentation

4. Using Lean management and monitoring
- Implementing lightweight change approval processes
- Monitoring and checking system health
- Limiting work in progress (WIP)

5. Implementing cultural change
- Supporting a generative culture
- Becoming a learning organization
- Fostering collaboration
- Making work meaningful
- Promoting transformational leadership

6. Assessing maturity
- Assessing maturity with the help of DevOps capability
- Visualizing progress in DevOps maturity