EXIN DevOps Foundation

CATEGORY DevOps	**LEVEL** Foundation	**DURATION** 2 days

COURSE DELIVERY
Classroom or virtual Classroom

TARGET AUDIENCE
DevOps Foundation is ideal for IT and business professionals who want to understand DevOps and how their organization can benefit from its principles. This includes anyone involved in a DevOps team and anyone involved in information and technology management.

PREREQUISITES
No prerequisite.

EXAM INFO
- Closed-book format
- 40 multiple-choice questions
- Pass mark: 65%
- The exam lasts 60 minutes
- Online exam

CERTIFICATE
EXIN DevOps Foundation

EXAM BODY
EXIN

COURSE DESCRIPTION

The EXIN DevOps Foundation certification is designed to provide an overview of the DevOps methodology, principles, and practices. It covers the fundamentals of DevOps and how it can be used to improve collaboration, communication, and efficiency between development and operations teams.

The EXIN DevOps Foundation certification is an entry-level certification that provides a basic understanding of DevOps. It is suitable for individuals who are new to DevOps or who are looking to develop a foundational knowledge of the methodology.

COURSE AND LEARNING OBJECTIVES

The EXIN DevOps Foundation certification course is designed to equip participants with a comprehensive understanding of DevOps principles, practices, and tools. Upon completion of the course, participants should be able to:

- Understand the business value and benefits of DevOps, including its impact on software delivery, quality, and customer satisfaction.

- Explain the key DevOps principles and concepts, including continuous integration, continuous delivery, and infrastructure as code.

- Understand the cultural and organizational aspects of DevOps, including collaboration, communication, and teamwork between development and operations teams.

- Describe the agile, lean, and IT service management (ITSM) practices used in DevOps.

- Explain the role of automation in DevOps, including tools and techniques used for automation.

- Understand the importance of monitoring, feedback, and continuous improvement in DevOps.

- Understand the role of cloud computing and infrastructure as code in DevOps.

- Understand the importance of security and compliance in DevOps.

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.

Please Recycle

- Develop collaborative teamwork and communication skills necessary for success in a DevOps environment.

By achieving these learning objectives, learners will have the knowledge and skills needed to work effectively in a DevOps team and contribute to the successful delivery of high-quality software products.

COURSE STUDENT MATERIAL

Students will receive an EXIN DevOps Foundation classroom workbook containing all of the presentation materials, course notes, case study and sample exams.

CONCEPTS COVERED

1. DevOps basics

- DevOps origins
- Definition of DevOps
- Reasons for using DevOps
- Misconceptions about DevOps

2. DevOps principles

- Value stream
- Deployment pipeline
- Version control
- Configuration management
- Definition of done

3. DevOps key practices

- Difference with traditional practice
- DevOps practices

4. Practical applications of DevOps

- Applicability
- Limitations
- Using commercial off-the-shelve software (COTS)
- Evolving architecture and organizational models
- Iterative progression