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# Training for DevOps Leader® Certification

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

2 days (14 hours)

## Presentation

The DevOps Leader® (DOL) certification will enable you to lead a cultural transformation program towards DevOps.

If you're involved in organizational change, with our DevOps Leader® certification preparation you'll have all the keys you need to adopt a [transformational leadership](#) approach within your organization.

You'll discover the human dynamics of cultural change, methods and tools for engaging your teams across the DevOps spectrum, and the use of real-life scenarios and case studies.

Following this course on the various topics, we'll give you the essential DevOps tactics and practices to finish the exam on time, generating maximum points.

We regularly update our training courses to reflect the latest developments in the industry and ensure that our learners have the most up-to-date skills.

## Objectives

- Empowering and involving your team in the company's transformation
- Have an excellent understanding of DevOps practices
- Get ready for the DevOps Leader® exam
- Understanding the cultural and organizational support and change to DevOps
- Adopting a DevOps vision

# Target audience

- Project managers
- IT Manager
- Company managers
- DevOps engineers
- IT Leader
- DevOps consultants

# Prerequisites

- [DevOps Foundation](#) training recommended
- Knowledge of basic DevOps principles

Note: Ambient IT is not the owner of DevOps Leader®, this certification belongs to DevOps Institute Inc.

# DevOps Leader® Certification Preparation Program

## DevOps and transformational leadership

- Key concepts
- What is transformational leadership?
- Identify the key characteristics of a DevOps leader
- Exploring the communication and collaboration techniques of a DevOps culture
- Case study on the successful application of DevOps practices

## Unlearning behaviors

- Psychological safety and neuroscience
- Governance, risk and compliance (GRC) and DevOps
- Identify cultural barriers to DevOps adoption
- Explore methods to encourage risk-taking and experimentation within the team
- Mindset, cognitive biases and mental models
- Understand the behaviors you need to unlearn to succeed in a DevOps environment

## Becoming a DevOps organization

- DevOps Kaizen: Integrating security
- What makes DevOps different?
- Analysis of the main pillars of a mature DevOps organization
- Becoming a transformation leader

- Implement automation, delivery and continuous integration practices
- Adapt development, deployment and testing processes to promote efficiency and collaboration
- Assess your organization's DevOps maturity level and identify areas for improvement

## Measuring for learning

- Create a current value flow map
- Understand the importance of data collection and analysis
- Set up monitoring and follow-up tools
- Avoid measuring to target

## Measuring for improvement

- Create a future value stream map
- Improvement Kata and experiences
- Adapt objectives according to measured results
- Develop strategies for using the data collected

## Target operating models and organizational design

- Design of a target operating model
- Evaluate existing operating models
- Conway's Law
- DevOps TOM design principles
- DevOps 2 of 3 desired results

## Articulating and socializing the vision

- Empowering individuals
- Distribute outside your organization
- Organizational change in large companies
- Develop a clear and convincing vision of the organization's future
- Communicating the DevOps vision effectively

## Maintaining energy and momentum

- Culture and climate
- A culture of trust
- Analyze DevOps profitability

## Strategies and tips for exam success Mock exam

## Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.