

DevOps_F_EN - DevOps FoundationR in English

Czas trwania: Czas trwania: 2 dni / 16 godz.

Cena rynkowa: 2 900,00 zł

Cena promocyjna: 2 390,00 zł

Szkolenie autoryzowane: Tak

Informacje o szkoleniu

The 2-day DevOps Foundation® certification is an introductory certification that provides a baseline understanding of key DevOps terminology to ensure everyone is talking the same language and highlights the benefits of DevOps to support organizational success. The course includes the latest thinking, principles and practices from the DevOps community including real-world case studies from high performing organizations including ING Bank, Ticketmaster, Capital One, Alaska Air, Target, Fannie Mae, Societe Generale, and Disney that engage and inspire learners, leveraging multimedia and interactive exercises that bring the learning experience to life, including the Three Ways as highlighted in the Phoenix Project by Gene Kim and the latest from the State of DevOps report. Learners will gain an understanding of DevOps, the cultural and professional movement that stresses communication, collaboration, integration, and automation to improve the flow of work between software developers and IT operations professionals.

The course is designed for a broad audience, enabling those on the business side to obtain an understanding of Kubernetes and Containers. Those on the technical side will obtain an understanding as to the business value of DevOps to reduce cost (15-25% overall IT cost reduction) with increased quality (50-70% reduction in change failure rate) and agility (up to 90% reduction in provision and deployment time) to support business objectives in support of digital transformation initiatives.

Course objectives: The learning objectives for DevOps Foundation include an understanding of:

DevOps objectives and vocabulary

Benefits to the business and IT Principles and practices including Continuous Integration, Continuous Delivery, testing, security and the Three Ways

DevOps relationship to Agile, Lean and ITSM

Improved workflows, communication and feedback loops

Automation practices including deployment pipelines and DevOps toolchains

Scaling DevOps for the enterprise

Critical success factors and key performance indicators

Real-life examples and results.

Audience: The target audience for the DevOps Foundation course includes: Management, Operations, Developers, QA and Testing professionals such as: Individuals involved in IT development, IT operations or IT service management, Individuals who require an understanding of DevOps principles, IT professionals working within, or about to enter, an Agile Service Design Environment, Automation Architect, Application Developers,

Business Analysts, Business Managers, Business Stakeholders, Change Agents, Consultants, DevOps Consultants, DevOps Engineers, Infrastructure Architect, Integration Specialists, IT Directors and Managers, IT Operations, IT Team Leaders, Lean Coaches, Network Administrators, Operations Managers, Project Managers, Release Engineers, Software Developers, Software Tester/QA, System Administrators, Systems Engineers, System Integrators, Tool Providers.

Prerequisites

None

Wymagania wst pne

Brak

Zagadnienia poruszane podczas szkolenia

- Course content:
- Day 1:
 - Module 1. Exploring DevOps:
 - Defining DevOps
 - Why Does DevOps Matter?
 - Module 2. Core DevOps Principles:
 - The Three Ways
 - The Theory of Constraints
 - Chaos Engineering
 - Learning Organizations
 - Module 3. Key DevOps Practices:
 - Continuous Delivery
 - Site Reliability & Resilience Engineering
 - DevSecOps
 - ChatOps
 - Kanban
 - Module 4. Business and Technology Frameworks:
 - Agile
 - ITSM
 - Lean
 - Safety Culture
 - Learning Organizations
 - Sociocracy/ Holacracy
 - Continuous Funding
 - DevOps Foundation mock exam
- Day 2:
 - Module 5. Culture, Behaviors & Operating Models:
 - Defining Culture
 - Behavioral Models
 - Organizational maturity models
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Target Operating Models

- ▣ Module 6. Automation & Architecting DevOps Toolchains:
- ▣ CI/CD
- ▣ Cloud
- ▣ Containers
- ▣ Kubernetes
- ▣ DevOps Toolchain
- ▣ Module 7. Measurement, Metrics, and Reporting:
- ▣ The Importance of Metrics
- ▣ Technical Metrics
- ▣ Business Metrics
- ▣ Measuring & Reporting Metrics
- ▣ Module 8. Sharing, Shadowing and Evolving:
- ▣ Collaborative Platforms
- ▣ Immersive, Experiential Learning
- ▣ DevOps Leadership
- ▣ Evolving Changes
- ▣ Exam tips and tricks
- ▣ DevOps Foundation certification exam
- ▣ Exam:
- ▣ Exam type: on-line proctored, multiple choice (1 correct answer out of 4)
- ▣ Exam duration: 60 minutes
- ▣ Number of questions: 40
- ▣ Pass mark: 65% (26/40)
- ▣ Exam language: English
- ▣ Closed book.

Informacje dodatkowe

Additional information: Student pack includes:

Pre-course reading material
DevOps Foundation Study Guide
DevOps Foundation Syllabus
DevOps Recommended Reading
DevOps Glossary
Exam Tips
DevOps Foundation Sample Paper with Answer Key

Organization of training:

Type of training: Virtual class (Instructor-led live online class), On-site open group class, On-site closed group class; Training materials are distributed in electronic form

Training language: English or Polish

Material language: English

Group size: 8 to 14 participants

Prerequisites: None

Accreditation granted to Asseco Data Systems by DevOps Institute.

Additional information regarding participation in the Virtual class:

Each participant should register for the training session between 08:30-08:50

The training is conducted between 09:00 am and 3:30 pm

During the training day there will be several breaks, including one 1-hour lunch break and 10-minutes coffee breaks after each hour of training.

Study guide and other training materials are distributed in a digital version.

Exams are carried out in the form of vouchers.

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Najbli sze terminy

Miejsce	Terminy
Wirtualna klasa	2021-09-02 - 2021-09-03

Typy szkolenia

Tradycyjne

Asseco | Zdalna klasa

Asseco | Wirtualna klasa

Wi cej informacji:

Zadzwo 801 30 30 30 lub napisz szkolenia@assecods.pl