DASA DevOps Fundamentals – Including Exam

Duration: 2 Days   Course Code: DASADEV-F   Delivery Method: Virtual Learning

Overview:

Build a strong foundation in DevOps. The DASA DevOps Fundamentals Certification gives you a complete understanding of DevOps principles, concepts, and culture. You'll gain the skills, mindset, and behaviors needed to improve collaboration, increase agility, and accelerate digital transformation in your organization.
The course aims to standardize the team's knowledge and skills required to function effectively and helps you communicate with the team by understanding the common DevOps vocabulary such as CI/CD, test-driven development, cross-functional teams, and iterative development.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

The DASA DevOps Fundamentals certification adds value to individuals involved in IT development, operations, or service management. It's target audience includes but is not limited to:
Development & Operations
- Software Developers, Engineers and Architects
- Quality Engineers and Testers
- System and Network Engineers and Administrators
- Automation Architects
- Dev, Sec & Ops Engineers
- Enterprise Architects
- Incident and Change Managers
- Integration Specialists
Business & Leadership
- Product Owners
- Business Analysts
- Business Managers
- Operations Managers
- Product Managers
- Team Leads
- Scrum Masters
- Agile Coaches
- Senior Management and C-Suite
Support & Enablement
- Support Engineers
- Service Managers
- Business users who are working with IT in getting business value created
- HR
- Finance
- Governance
- Legal

Objectives:

■ After completing this program, you will be able to:

■ Participate successfully in the **DevOps transformation** within the organization by sharing a common understanding and vocabulary required for DevOps ways of working.

■ Define and discuss the **key concepts and principles** of DevOps.

■ Explain the core elements of a **DevOps culture** and its importance.

■ Describe how DevOps relates to **Lean and Agile methodologies**.

■ Discuss **metrics and success factors** for DevOps transformations.

■ Get insight into the various organizational DevOps models and related architectures.

■ Explain the importance of **sharing** responsibility, knowledge and ways of working to enable successful collaboration.

■ Identify the available resources of **DASA guidance** as an enabler of

- Discuss the importance of **automation** and ways to implement it in the product life cycle.

your DevOps implementation plan.

Prerequisites:

- Possessing some basic knowledge of Agile, Scrum, Lean, and ITSM principle is recommended but not required for the completion of the certification.

Testing and Certification

Exam Details

- Delivery: Online and Paper-based
- Format: Closed-book format, participants can bring scratch paper
- Proctoring: Live/Webcam
- Duration: 60 minutes, 15-minute additional time for non-native candidates
- Questions: 40, simple multiple choice (1 mark per question)
- Pass Grade: 65%

Content:

Building DevOps Context

- Why DevOps?
- DevOps Definition
- DASA DevOps Principles

Culture

- Introduction To DevOps Culture
- DevOps Culture For Teams
- DevOps Leadership

Automation

- Why Automate?
- Automation Enables Continuous Delivery
- Modern Infrastructure ; Cloud Computing

Lean

- Lean
- Agile
- Product Management
- Service Management
- Site Reliability Engineering
- Value ; Experience Management

Measurement

- Basics of Measurement
- Measuring Value
- Typical DevOps Metrics
- Monitoring ; Analytics

Sharing

- Organizational Models That Enable Sharing
- T-Shape Profiles Enable Sharing
- DevOps Teams
- Team Autonomy
- IT Architecture That Supports Sharing
- DevOps At Scale

DASA Guidance

- DASA Big Picture
- Talent Portfolio
- Guidance Portfolio
- Community
- Recognition

Additional Information:

Why choose a DASA certification
- Gain an industry-recognised certification
- Learn anytime, at your own pace
- 10+ years creating industry-leading courses

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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