DASA DevOps Fundamentals – Including Exam

Duration: 2 Days **Course Code: DASADEV-F** **Delivery Method: Company Event**

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.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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 your DevOps implementation plan.

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

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 Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK