

DASA DevOps Specify and Verify – Including Exam

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

Overview:

Master the integration of customer requirements into IT products and services. The DASA DevOps Specify and Verify Certification equips you with the skills, mindset, and behaviors to ensure customer needs are accurately understood and met by your team—while embedding testing, security, and compliance into the development lifecycle for faster, high-quality releases.

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 Professional – Specify and Verify certification is primarily aimed at: Individuals involved in IT development, IT operations, or IT Service Management Individuals whose role are affected by DevOps and continuous delivery, such as:

- DevOps engineers
- Business Analysts
- Testers
- Architects
- UX and Interaction Designers
- (aspiring) Product Owners
- Integration Specialists
- Operations Managers
- Incident and Change Managers
- System and Network Administrators
- Business Managers

Objectives:

- After completing this program, you will be able to:
- Understand how the tasks covering specification and verification fit into a DevOps environment.
- Take **end-to-end responsibility** for your product – from concept to grave.
- Truly **understand your customers** and validate whether the product fits their needs.
- Find good ways to **communicate** with everyone involved, from customers to stakeholders and developers.
- **Describe and visualize** your product in a format that fits your specific situation.
- Understand what software quality means and how to achieve adequate quality with your product.
- Decide adequately which kind of tests the **product needs**, and understand what you gain from them.
- Set up **useful** feedback loops, and use them meaningfully.
- Understand which architectural considerations are important in a DevOps environment.

Prerequisites:

- Required: DASA DevOps Fundamentals certificate
- Beneficial: Familiarity with Agile, Scrum, Lean, and basic knowledge of specification and testing.

Testing and Certification

Exam Details

DASA delivers the DevOps Fundamentals exams. The participants and training organizations can attain the vouchers for the exam

through DASA.

- 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: 25 Multiple Choice Questions
- Pass Grade: 60%

Content:

Welcome and Introduction

- Welcome
- Icebreaker
- Let's Get To Know Each Other
- Best Practices for a Good Online Training How Will We Interact?

Course Introduction

- DASA DevOps Professional: Specify and Verify Course
- Course Learning Outcomes
- DevOps Professional: Specify and Verify and the DASA Competence
- Framework Module Structure
- Course Agenda
- DASA DevOps Certification Scheme

Module 1: Thinking About Quality and Value

- Intent and Context
- Module Objectives
- Topics Covered
- Quality and Value
- DevOps View on Quality Assurance DevOps Approach to Quality Assurance
- Human-Technical Systems
- Key Takeaways
- Module-End Questions

Module 2: Delivering Value

- Intent and Context
- Module Objectives
- Topics Covered
- The Product Lifecycle
- Taking an Economic Perspective Value Stream Mapping
- Key Takeaways
- Module-End Questions

Module 3: Understanding Your Customers

- Intent and Context
- Module Objectives
- Topics Covered
- Customers and Stakeholders
- Identifying and Interacting With Customers Gathering Requirements From
- Stakeholders Key Takeaways
- Module-End Questions

Module 4: Designing the Right Product

- Intent and Context
- Module Objectives
- Topics Covered
- The Right Product
- Lean User Experience
- Structuring Requirements for Products
- Key Takeaways
- Module-End Questions

Module 5: Architecting for DevOps

- Intent and Context
- Module Objectives
- Topics Covered
- Introduction to Architecture
- Architecture and Teams
- Fundamental Considerations About Architecture Practical Architecture Work
- Key Takeaways
- Module-End Questions

Module 6: Practical Value Assurance in DevOps

- Intent and Context
- Module Objectives
- Topics Covered
- Testing and Other VA Techniques
- How to Test Well
- Common Testing Practices and Approaches Value Assurance in DevOps
- Testing in DevOps
- Key Takeaways
- Module-End Questions

Module 7: Monitoring and Testing in Production

- Intent and Context
- Module Objectives
- Topics Covered
- What Is Monitoring
- Value Assurance in Production Monitoring and Testing Postmortems
- DevOps Approach to Monitoring Key Takeaways
- Module-End Questions

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