

DASA CERTIFICATION

INTERMEDIATE

4 DAYS

DASA DevOps Professional Specify and Verify

Build a strong foundation in product ownership and quality in a DevOps environment by taking end to end responsibility from concept to retirement. Learn how to understand customer needs, communicate effectively with stakeholders, define product quality, choose the right testing strategies, and establish feedback loops to deliver reliable and valuable products.

Why DASA Specify and Verify?

Recognised credential

Build credibility with the DASA DevOps Professional Specify and Verify certification.

Clear collaboration

Improve communication between clients, stakeholders, and delivery teams.

Right product focus

Assist in building the right product in alignment with client requirements.

Quality in flow

Specify and verify value continuously from concept through production.

What you'll be able to do

- ✓ 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.

Who this is for

- DevOps Engineers Product Owners Business Analysts
- Test Engineer, Test Analysts Software Developers, Engineers
- UX and Interaction Engineers Network Administrators Integration Specialists
- Incident and Change Managers
- System and Network Administrators, Operations Enterprise Architects

Curriculum

01 Thinking About Quality and Value

- Define quality and value in a DevOps product context
- Take end-to-end responsibility from concept toward retirement thinking
- Understand the objectives of the program, format of the exam and activities and exercises included.
- Understand the link between quality and value and get familiar with the DevOps Approach to Quality Assurance.

02 Delivering Value

- Deliver value iteratively with clear acceptance and feedback loops
- Align delivery decisions with customer and stakeholder needs
- Go through the various stages of the product life cycle and learn to take an Economic Perspective to Value Stream Mapping.
- Apply the concepts through guided discussion and practical exercises

03 Understanding Customers

- Build shared understanding of customer problems and outcomes
- Use evidence to validate assumptions before large investments
- Learn the art of identifying and interacting with customers and gathering requirements from stakeholders.
- Apply the concepts through guided discussion and practical exercises

04 Designing the Right Product

- Specify product options that solve the right problem
- Balance desirability, feasibility, and operability
- **Hands-on:** Draft a value hypothesis and acceptance checks for a sample feature
- Define the 'right product', structure requirements for products and design a Lean user experience.

05 Architecting for DevOps

- Design architectures that support fast, safe change
- Connect specification decisions to operability and automation
- Get introduced to architecture and the teams involved, along with fundamental considerations for building architecture with hands-on activities.
- Apply the concepts through guided discussion and practical exercises

06 Practical Value Assurance

- Assure value through verification practices embedded in the flow
- Keep communication clear between clients, stakeholders, and delivery teams
- Learn about testing and other VA techniques along with common testing practices and approaches to Value assurance in DevOps.
- Apply the concepts through guided discussion and practical exercises

07 Capstone: Monitoring and Testing in Production

- Plan monitoring and testing approaches that protect value in production
- Define signals that confirm the product is solving the intended problem
- Present a specify-and-verify plan from customer insight to production checks
- **Hands-on:** Deliver an end-to-end specify-and-verify case study