

## DASA DEVOPS CERTIFICATIONS

### DASA DevOps Certification Scheme



DASA offers certifications to all key profiles and comes up with the certification program, as shown in the preceding figure. It includes the following three levels, ensuring the right certification for the right audience:

- The **Foundational** level focuses on 'knowing' and helps individuals to build an understanding of DevOps, its principles, DASA's approach to DevOps, and puts DevOps into a business perspective.
- The **Professional** level certification level provides capability oriented certifications that helps professionals learn the key traits of their job and apply DevOps in real life. This level includes three certification programs, one for each of the professional profiles that we identify in a team.
- The **Leadership** level focuses on the ability to lead and enable. This program does not focus on building capabilities. It also does not explain the tools that are there in the toolbox for the professional. It focuses on how the professionals can best operate in his/her role, such as managing the process, removing barriers for people, and leading the team.

## DASA DevOps Fundamentals Certification



1. Novice / 2. Competent / 3. Proficient / 4. Expert / 5. Master

### Reference Reading:

"White Paper: Embracing Digital Disruption by Adopting DevOps Practices" (<https://www.devopsagileskills.org/resources/document/white-paper-embracing-digital-disruption-by-adopting-devops-practices/>).

The DASA DevOps Fundamentals certification provides an extensive introduction to the core agile DevOps principles covering the essential knowledge and skill competences that have been defined by DASA. It is the starting point for an organization going on a DevOps journey. Improved workflows and faster deployment start with a core understanding of DevOps fundamental concepts by anyone involved in an Agile and/or DevOps team.

DASA DevOps Fundamentals brings all Knowledge and Skill Areas to the Competent level. Having said this, the Fundamentals course does not provide, for example, practical Business Analysis or Programming experience. Such practical knowledge needs to be acquired through specific training.

## DASA DevOps Professional Certifications

### DASA DevOps Professional: Enable and Scale



1. Novice / 2. Competent / 3. Proficient / 4. Expert / 5. Master

DASA DevOps Professional: Enable and Scale brings the Skill Areas to the Proficient level. Enable and Scale is about ensuring that a DevOps team can be successful in its environment. The Enable and Scale certification:

- Validates the candidate has a practical understanding and experience of leading DevOps teams.
- Enables members to become effective, ensuring the team works optimally.
- Covers the effective coexistence and cooperation of multiple DevOps teams.

In other words, it answers the question, “How do you turn a traditional IT organization into a DevOps organization?”

## DASA DevOps Professional: Specify and Verify



1. Novice / 2. Competent / 3. Proficient / 4. Expert / 5. Master

DASA DevOps Professional: Specify and Verify focuses on the following competencies:

- Architecture and Design
- Business Value Optimization
- Business Analysis
- Test Specification

According to estimates, these areas of expertise involve approximately a third of the team. The focus of these areas is to ensure customers' requirements are understood and translated into a team. In other words, these knowledge areas confirm that the requirements can be integrated into IT service.

The ultimate responsibility of the role, Specify and Verify, is to ensure the design of the service is future proof, both technologically and functionally. The role confirms that the ability to test any new functionality is optimally facilitated by Test Specification that takes both the customer usage of the system and the need for speed into account.

### DASA DevOps Professional: Create and Deliver



1. Novice / 2. Competent / 3. Proficient / 4. Expert / 5. Master

The majority of a DevOps team falls into the competency area of Create and Deliver. The core knowledge areas of this competency are:

- Programming
- Continuous Delivery
- Security, Risk, and Compliance
- Infrastructure Engineering

This competency is the heart of the team's capabilities. The exact balance of skills, particularly Programming vs. Infrastructure Engineering, depends on the total area of responsibility of the team. DevOps is being used to deliver infrastructure services, which in turn deliver application services. A vital aspect that helps deliver a successful service is monitoring. In practice, full-stack DevOps teams responsible for everything from the user interface to the server and network hardware is rarely seen. It is the technology stack that ultimately determines the balance of knowledge required in a team.

### DASA DevOps Leadership Certifications

DASA offers three distinct Leadership certifications as part of the certification scheme. The Leadership level does not cover the practical tools and capabilities covered in the Professional Certifications, but focuses on leading and enabling teams and organizations. It helps the individuals in these roles navigate within their organization and drive the best decisions forward.



DASA DevOps  
Product Owner



DASA DevOps  
Leader



DASA DevOps  
Coach

Let us discuss how these certifications help you in gaining the required skills:

- In a DevOps environment, the Product Owner is a critical leadership role and responsible for managing the full lifecycle of a product from concept to the grave. This certification program helps the Product Owner realize maximum business value, engage with stakeholders, and deal with future requirements as well as operational challenges.
- The DevOps Leader is responsible for leading the DevOps initiative and creating the framework for teams to scale and achieve maximum business value. This certification program helps leaders understand leadership in the context of DevOps, discusses leadership development models, and explains the efficient way of building teams and transforming the organization.
- The DevOps Coach helps team members and other stakeholders in the organization to apply DevOps concepts and principles within their organization. The coach oversees the transformation and guides the organization through their journey in building high-performing teams.