

DASA[®]



DASA DEVOPS FUNDAMENTALS

CERTIFICATION PROGRAM



DASA DevOps Fundamentals

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ABOUT THE CERTIFICATION



DASA DEVOPS FUNDAMENTALS MARKS THE BEGINNING OF A NEW ERA OF CERTIFICATION THAT AIMS TO SIMULTANEOUSLY BUILD THE ORGANIZATION, TEAM, AND INDIVIDUAL CAPABILITY FOR ORGANIZATIONS BEGINNING OR UNDERGOING A DEVOPS TRANSFORMATION.

DASA DevOps Fundamentals enables organizations, teams, and individuals to build their capabilities in DevOps. It encompasses the latest thinking and best practices in DevOps transformation, including current technology trends and successful case studies. It is a capability-building block for organizations looking to transform themselves, preparing them for the DevOps mindset, which encompasses people, processes, and culture.

The certification provides overarching guidance for any IT organization undergoing transformation, with links to multiple other DASA guidance products, supporting the organization and individuals in building capabilities.

ABOUT DASA



WE ARE THE LARGEST DEVOPS AND AGILE INDUSTRY BODY WORLDWIDE AND 'GO-TO-PARTNER' FOR ENTERPRISES THAT WANT TO TRANSFORM TOWARDS A HIGH-PERFORMANCE DIGITAL ORGANIZATION.

Our body of knowledge, talent, and guidance solutions, and powerful global community, facilitate organizations in their journey towards flow, business agility, and value maximization for both their customers and employees.

WEBSITE

www.devopsagileskills.org

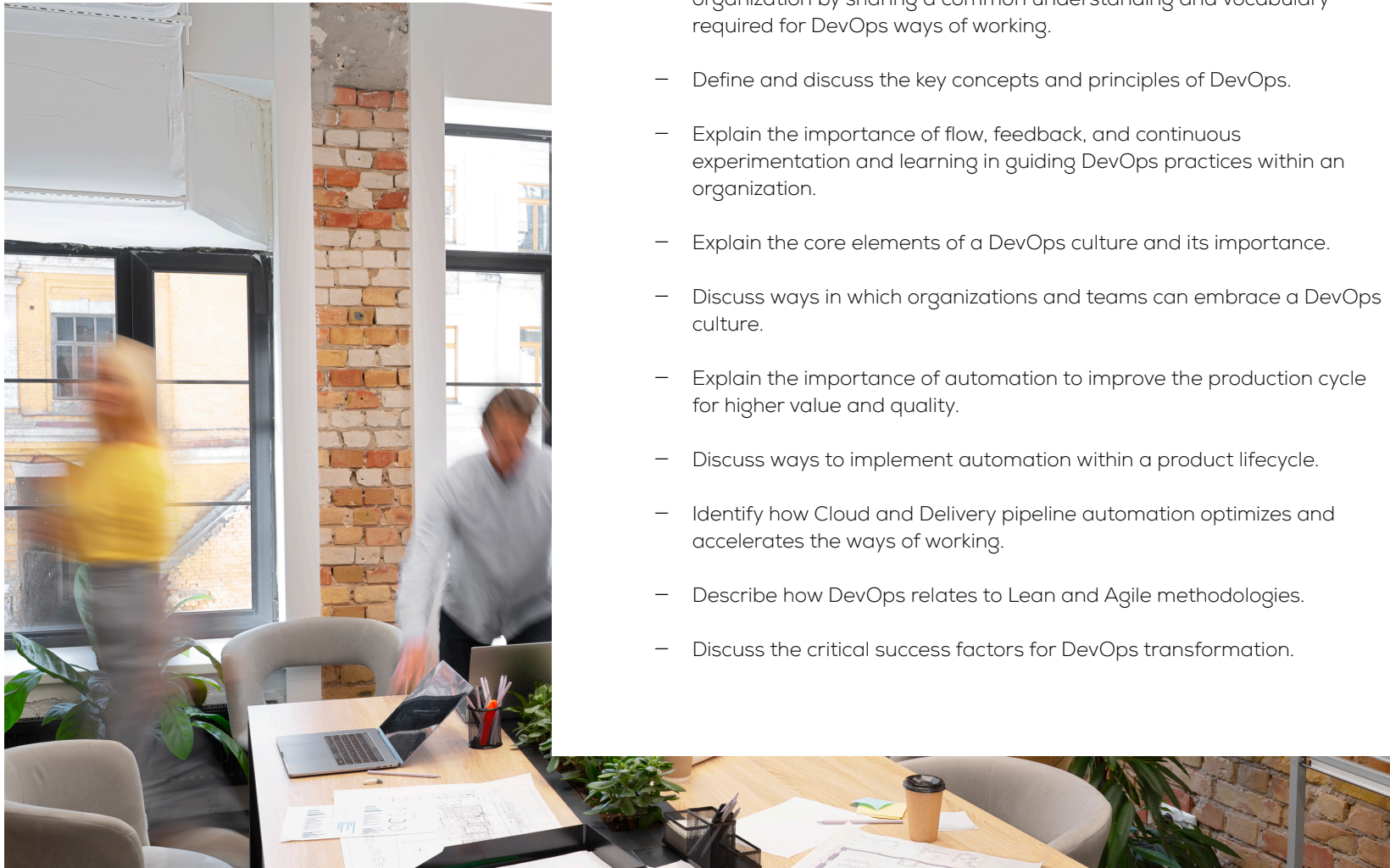
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LEARNING OBJECTIVES



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- Participate successfully in DevOps transformation within an 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 importance of flow, feedback, and continuous experimentation and learning in guiding DevOps practices within an organization.
 - Explain the core elements of a DevOps culture and its importance.
 - Discuss ways in which organizations and teams can embrace a DevOps culture.
 - Explain the importance of automation to improve the production cycle for higher value and quality.
 - Discuss ways to implement automation within a product lifecycle.
 - Identify how Cloud and Delivery pipeline automation optimizes and accelerates the ways of working.
 - Describe how DevOps relates to Lean and Agile methodologies.
 - Discuss the critical success factors for DevOps transformation.

COURSE OUTLINE

DASA DEVOPS FUNDAMENTALS COVERS THE LATEST THINKING AND BEST PRACTICES, CURRENT TRENDS IN TECHNOLOGY, AND SUCCESSFUL CASE STUDIES IN DEVOPS TRANSFORMATION.

INTRODUCTION

This module provides an introduction to the DASA DevOps Fundamentals certification, including its purpose, target audience, and learning objectives.

CULTURE

This module explores the importance of culture in DevOps. It covers topics such as creating a blameless culture, fostering collaboration, and promoting continuous learning.

BUILDING DEVOPS

This module discusses the importance of understanding the context in which DevOps is being implemented. It covers topics such as the organization's culture, goals, and challenges.

AUTOMATION

This module discusses the importance of automation in DevOps. It covers topics such as the benefits of automation, the challenges of automation, and the different types of automation.



DASA DEVOPS FUNDAMENTALS IS A CAPABILITY-BUILDING BLOCK FOR ORGANIZATIONS AS THEY LOOK TO TRANSFORM INTO NEW WAYS OF ORGANIZING THEMSELVES.

LEAN

This module explores the principles of Lean thinking and how they can be applied to DevOps. It covers topics such as value stream mapping, and continuous improvement.

SHARING

This module explores the importance of sharing information and knowledge in DevOps. It covers topics such as creating a culture of sharing, using collaboration tools, and communicating effectively.

MEASUREMENT

This module discusses the importance of measurement in DevOps. It covers topics such as the different types of metrics, how to collect and analyze data, and how to use metrics to improve performance.

DASA GUIDANCE

This module provides an overview of the DASA guidance for DevOps. It covers topics such as the DASA Team Competence Model and the DASA Competency Framework.

ORGANIZATIONAL VALUE

PHILOSOPHY, CULTURE, AND PEOPLE DIMENSIONS

With DASA DevOps Fundamentals, organizations can ensure all teams get the foundational skills and knowledge required to successfully embark on their DevOps transformation journey.

The course covers the DevOps origin and evolution, and the current best practices along the dimensions of management, processes, and technology,

The course focuses on the philosophy, culture, and people dimensions that are key to a successful DevOps transformation.

BUILDING ORGANIZATIONAL, TEAM, AND INDIVIDUAL CAPABILITIES

During a transformation journey, it is crucial for everyone working in an organization that embraces DevOps principles to master the skills and competencies associated with DevOps.

Just like a blacksmith knows exactly how to use a hammer and chisel, the DevOps professional knows how to work effectively in teams and how to leverage the DevOps automation platform.

These journeys start with the DevOps Fundamentals, a starting point for building a career in DevOps.



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
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BUSINESS & LEADERSHIP

- Product Owners
 - Business Analysts
 - Business Managers
 - Operations Managers
 - Product Managers
 - Team Leads
 - Scrum Masters
 - Agile Coaches
 - Senior Management and C-Suite
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SUPPORT & ENABLEMENT

- Support Engineers
 - Service Managers
 - Business users who are working with IT in getting business value created
 - HR
 - Finance
 - Governance
 - Legal
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EXAM DETAILS



On passing the certification exam, the candidate will be awarded a digital certificate.

Bloom's Level: 1 (Knowledge) and 2 (Comprehension)

Questions Type: Multiple Choice Questions (MCOs)

Number of Questions: 40 questions

Pass Percentage: 65% (26 correct out of 40)

Time: 60 minutes (75 for non-native English speakers)

Exam Type: Online Proctored



ORGANIZATION AUDIENCE



DEVOPS FUNDAMENTALS IS FOR EVERY ORGANIZATION UNDERGOING TRANSFORMATION TO ENSURE A STRONG FOOTING FOR A SUCCESSFUL TRANSFORMATION.

- It is designed to prepare organizations for the DevOps mindset, which includes people, processes, and culture.
- It aligns the vocabulary and the concepts of DevOps among all the employees.
- It emphasizes the cultural aspects, keeping in mind that technology is only one part of the transformation framework.
- The IT value landscape is changing faster than ever, and DevOps Fundamentals helps organizations ride the wave into an exciting DevOps future.



WHAT'S NEXT?

Get certified as an DevOps expert and join global community.
Start your journey with DASA now.

Talk to our
Certification Advisors



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