



# Startel

*Dé IT-opleider*

## DevOps Essentials E-Learning

This e-learning contains the course materials.

### Algemene omschrijving

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DevOps is the convergence of existing IT best practices from ITIL®, Lean, Agile, and Scrum into a development and operations approach that supports automation and continuous delivery.

Described as more of a mindset than a framework, DevOps aims to blur the lines between the existing IT siloes to create a more collaborative relationship between Dev and Ops, allowing organizations to create greater business value with more streamlined processes, faster deployments, and more successful releases.

To guide IT practitioners on their DevOps journey, Van Haren Group offers a comprehensive DevOps portfolio of courses that provides an all-encompassing look at the DevOps framework and role-based certification courses, specific to the roles within DevOps.

### Doelgroep

The Fundamentals level of the PeopleCert DevOps qualification scheme is intended for anyone who wishes to become an effective member of a DevOps environment.

### Leerdoelen

Upon successful completion of DevOps Essentials, you will be able to articulate the benefits of implementing the Full Stack of DevOps culture, practices and automation at your organization to enable improved quality, higher speed and a reduction in costs, by meeting a progressive set of expected outcomes.

This course identifies the three critical success factors that make up the 'Full Stack' approach, including:

- Changing culture.
- Improving practices and processes.
- Leveraging automation technologies.

When you return to work, you will know about 15 very specific practices that are essential to delivering effective DevOps. And, you will have the results of your assessment that will be the starting point of your action plan for continuous improvement.

Exam Information:

- Duration: 60 minutes.
- Format: Closed book, multiple-choice.
- Pass Mark: 70% (28 marks).

## Voorkennis

You do not need any prior knowledge to access this e-learning.

## Onderwerpen

- **Module 1:** Introduction to DevOps.
- **Module 2:** The Urgency for DevOps.
- **Module 3:** Key DevOps Principles and Concepts.
- **Module 4:** The Full Stack: People and Culture.
- **Module 5:** The Full Stack: Processes and Practices (Part A).
- **Module 6:** The Full Stack: Processes and Practices (Part B).
- **Module 7:** The Full Stack—Technology and Automation.
- **Module 8:** The DevOps Maturity Assessment.
- **Module 9:** Wrap Up and Review.