



Hewlett Packard Enterprise

Course Data Sheet

DevOps100TS – DevOps Awareness

Course No.: DevOps100 - DevOps Awareness	Business Outcome Management: DevOps
For software version(s): N/A Software version used in the labs: N/A	Course length: Classroom: 1 Day
Delivery formats: Instructor Led (ILT) and Virtual Instructor Led (VILT) – N/A	
To order visit: http://h20546.www2.hp.com/main	

Course Description:

This 1-day course introduces the fundamentals of DevOps. It explains the key concepts that underpin DevOps and helps attendees to understand the benefits that a DevOps approach could have for their own organizations, and potential problems that should be addressed. The course includes discussion of people, process and technology aspects of DevOps, and provides practical suggestions of steps that attendees can take to start introducing DevOps.

Audience / Job Roles

This course is designed for anyone who is considering the use of an Agile methods for software development, including:

- Senior IT management, IT development staff, IT operations staff, IT process owners, business managers, business process owners
- Individuals who require an understanding of DevOps and how it can contribute to the success of IT within an organization
- IT professionals who are working in an organization that has adopted DevOps and need to be informed about DevOps so that they can operate effectively within the organization

Course Objectives

On successful completion of this course, you should be able to:

- Describe issues around organizational separation of IT development and IT operations, and how these can have a negative impact on both IT and the business
- Describe the benefits of a DevOps approach to both IT and the business
- Explain how DevOps builds on existing concepts and approaches, such as ITIL, Agile, and Kanban
- Explain the role of continual integration, continual testing and continual deployment in DevOps Organizational issues relating to DevOps, and understanding of options for DevOps organizational design
- Describe the role that tools play in DevOps
- Explore possible approaches to get started on a DevOps journey

Prerequisites / Recommended Skills

N/A

Learning Path

Course Outline

1. What problem are we trying to solve?
2. Overview of traditional change and release management
3. Overview of DevOps and related concepts
4. DevOps as people, processes, products and partners
5. What benefits can DevOps deliver?
6. Potential issues with DevOps
7. Why just Dev and Ops?
8. Bi-modal, tri-modal, multi-modal IT
9. Does DevOps replace ITIL®?
10. How to get started on a DevOps journey