



Docker Fundamentals plus Enterprise Operations Bundle (6022) H8PC1S

HPE course number	H8PC1S
Course length	5 days
Delivery mode	ILT, VILT
View schedule, local pricing, and register	View now
View related courses	View now

Why HPE Education Services?

- IDC MarketScape leader 5 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL®, PMI, CSA, and SUSE
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

This course includes the full Docker for Enterprise Operations course as well as the prerequisite Docker Fundamentals course in a single intensive training experience. You will have the opportunity to assimilate basic container orchestration and how to scale Docker across multiple nodes in a simple Swarm cluster. Docker for Enterprise Operations is a role-based course designed for Docker Operations teams to accelerate their Docker journey in the enterprise. Students will learn the many advanced features of Docker EE and how to apply them at scale with enterprise workloads.

Audience

IT professionals with an operations or system administration background desiring an intense and rapid onramp to Docker technologies

- Identify the key features of UCP and DTR
- Deploy applications on UCP using Swarm or Kubernetes, governed by secure, role-based authentication and authorization
- Establish a secure supply chain for containerized software development using DTR

Course objectives

By the end of this course, successful learners will be able to:

- Assess the advantages of a containerized software development and deployment
- Use Docker engine features necessary for running containerized applications
- Utilize Swarm and Kubernetes orchestrators to deploy, maintain, and scale a distributed application

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, October 2017

Detailed course outline

Day 1	<ul style="list-style-type: none">• Introducing Docker• Containerization Fundamentals• Creating Images	<ul style="list-style-type: none">• Docker Volumes
Day 2	<ul style="list-style-type: none">• Docker Networking Basics• Introduction to Swarm Mode	<ul style="list-style-type: none">• Introduction to Kubernetes• Fundamentals Signature Assignment
Day 3	<ul style="list-style-type: none">• Introduction to Docker Enterprise Edition• Universal Control Plane• User Management and Access Control• UCP Orchestration	<ul style="list-style-type: none">• Container Network Operations
Day 4	<ul style="list-style-type: none">• Application Health and Readiness Checks• Platform Security• Docker Trusted Registry• DTR Organizations and Teams	<ul style="list-style-type: none">• Content Trust
Day 5	<ul style="list-style-type: none">• Image Security Scanning• Repository Automation• Image Management• Operations Signature Assignment	

Learn more at hpe.com/ww/learn/devops

Follow us:



© Copyright 2019 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. The OpenStack Word Mark is either a registered trademark/service mark or trademark/service mark of the OpenStack Foundation, in the United States and other countries and is used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community. Pivotal and Cloud Foundry are trademarks and/or registered trademarks of Pivotal Software, Inc. in the United States and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions.

H8PC1S B.00, December 2019