

HPE UIR Operations and Administration training

HPE CMS Education Center



Course overview

- Delivery: Instructor led
- Date: On request
- Length: Three days
- Location: HPE premises (preferred) or your location
- Level: Intermediate
- Delivery language: English

Course description

This course explains platform use and describes its software components, presenting a complete picture of system features, operation, and capabilities. A large part of the course is dedicated to hands-on exercises for attendees to gain practical experience with the platform and prepare to operate it live.

Audience

Training is designed for:

- Platform operators and administrators
- Support and maintenance engineers who need an operational understanding of the platform

Learning objectives

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

- Understand the product concepts, topology, and architecture
- Start and stop the platform
- Check the platform to help ensure if it's correctly started or stopped
- Operate, monitor, and administrate the platform
- Undertake a primary troubleshooting diagnostic



Training agenda

Day 1

- Fundamental
 - Introduction
 - Platform architecture and topologies
 - Platform features
- Cluster synchronization
 - Sync subsystem
 - Synchronization framework
 - Master audit resync
 - Sync operations
- Operation and administration
 - UIR file system layout
 - Start/stop a node
 - Replication framework configuration
 - Schema Lightweight Directory Interchange Format (LDIF) management

Day 2

- Operation and administration (continued)
 - Offline provisioning
 - Security management (role-based access control [RBAC] and access control list [ACL])
 - Ud notifications: FE subscription
 - Data replication: DIT activation
 - Platform monitoring

Day 3

- Stop/restart a node in a cluster
- Data sync: check and restore
- Troubleshooting element
 - Event logging facility
 - LDAP logs
 - Sync troubleshooting
 - Collect Info tool
- Advanced operations
 - Attribute indexing
 - DIT repartitioning
 - DB audit
 - Cluster resynchronization
 - Backup strategy



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Overview

Mandatory course prerequisites

- Good knowledge of Red Hat® Linux® administration tasks
- Practical skills on Linux environment, including vi
- Basic knowledge of Lightweight Directory Access Protocol (LDAP)
- Basic knowledge of virtualization technology (VMware®, KVM)
- Good knowledge of English, as the course is delivered in English (if necessary, translation services can be hired for an additional fee)

Course materials and methodology

At the beginning of the course, you will receive a PDF copy of all PowerPoint slides.

One set of user documentation will be available for use during the course. Lectures are interspersed with hands-on exercises, with about half of the course dedicated to practical sessions focused on platform operations.

Course location

This course is delivered at an HPE site with HPE supplied facilities and equipment. It may be delivered on demand at the client's premises, in which case the client is responsible for training room setup, including video projector, white/paper board, and one platform test bed. In either case, attendees must bring their own laptop.

Trainer's profile

Training will be led by a senior HPE consultant with expertise in platform operations.

Audience size

Training requires a minimum of two students and a maximum of eight.

Training schedule

- This course is offered on demand.
- A 6- to 8-week lead time is required to schedule the training session.

For more information

For details on course contents, fee, and availability, send an email to

hpe-cms.training@hpe.com.