Hewlett Packard Enterprise

HPE Linux-based IHSS Service Operations training

HPE CMS Education Center

Course description

This course explains the platform use, the system, services, and subscriber's management related operations. 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:

• Service operators

• 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

• Create the platform users (operator, customer care…) and define their profiles

• Provision platform features

• Register the services to be used by the subscriber

• Monitor the platform running states at network and services level

Training agenda

Day 1
- Platform presentation
  - Architecture
  - Basic administration commands
  - Deployment topologies
  - Data management
  - Security protocols
  - Network layers
- Services operation (1/2)
  - Establish platform users

Day 2
- Services operation (2/2)
  - Subscribers profile
    - GSM/HLR subscriber
    - EPS/HSS subscriber
  - Services provisioning
    - GSM network
    - LTE network
    - AAA feature
    - Provisioning tools
  - Alter/Check subscriber's capabilities

Day 3
- Runtime monitoring
  - Traffic monitoring
  - APN reporting tool
  - Overload management
- Check your knowledge

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Overview

Mandatory course prerequisites
- Practical skills on Linux® environment, including vi.

- Global understanding of mobile telecommunication network, especially on Diameter, SS7, and SIGTRAN protocols, and on mobile network architecture (GSM, LTE, IMS).

- 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 internet access, video projector, white/paper board. 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 allows a maximum of ten students (preferred: eight).

Training schedule
- This course is offered on demand.

- A six- to eight-week lead time is required to schedule the training session.

For more information

For details on course contents, fee, and availability, please send an email to
HPE-CMS.Training@hpe.com