

# ANSI-41 Home Location Register fundamentals

HPE CMS Education Center



## Course overview

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

## Course description

The ANSI-41 Home Location Register (HLR) serves as the main database of permanent subscriber information in a mobile network. This course provides you or your employee with an understanding of ANSI-41 HLR network functional entities and features requirements, including the Authentication Center (AC).

## Audience

Training is designed for:

- Network operations personnel
- Select switch technicians
- System administrators
- Software developers and installers
- Support analysts
- Customer care personnel

---

### Training agenda

#### Day 1

- Application overview
- Course reference material
- Registration
- Call origination
- Feature control

#### Day 2

- Call termination
- Short Message Service
- Fraud protection and control
- Authentication
- Reports and utilities

## Learning objectives

After successfully completing this course, you should be able to:

- List major HLR and AC software components
- Understand the communications protocols used by ANSI-41 networks
- Understand the major HLR operational functions
- Configure HLR system features
- Configure network element attributes and database addressing
- Configure HLR subscriber features
- Understand mobile telephone authentication basic concepts
- Use report and database utility routines

## Overview

### Mandatory course prerequisites

- Good knowledge of English—if necessary, translation services can be hired for an additional fee
- Hardware and operating system overview
- Intelligent Network Server (INS) fundamentals

### Course materials and methodology

Lectures are interspersed with hands-on exercises, with about one-third of the course dedicated to practical sessions focused on platform operations.

### Course location

This course is delivered at a Hewlett Packard Enterprise (HPE) site with HPE-supplied facilities and equipment. It may be delivered on demand at your premises, in which case you are responsible for training room setup, including video projector, white/paper board, and one platform test bed. In either instance, attendees must bring their own laptops.

### Trainer's profile

Training will be led by a Hewlett Packard Enterprise senior consultant with a background in telecommunications, networks, and HPE NonStop applications, and experience in maintaining and supporting clients.

### Audience size

Training requires a minimum of 3 students and a maximum of 12.

### 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](mailto:HPE-CMS.Training@hpe.com).



---

Sign up for updates

★ Rate this document