



An Introduction to HP NonStop Field Support Training HK286S

This course provides core knowledge from the installation and maintenance perspective on HP NonStop servers system hardware architecture and operating system software making the systems reliable, scalable, open, and fast. Topics include NonStop kernel utilities including SCF, FUP, EMS, SPOOLCOM, PERUSE, and using Open System Management (OSM) to verify system components. The course is 55 percent lecture and 45 percent hands-on labs using HP servers and is the foundation and prerequisite for follow-on NonStop platform specific field support.

An Introduction to HP NonStop Field Support Training

Price USD \$4,000

Links to local schedules, pricing and [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # HK286S

Category NonStop

Duration 5 days

Audience

- Account or support engineers and customer service personnel who are responsible for installing and fully maintaining NonStop servers and the NonStop kernel operating system
- Those involved with HP NonStop server support and services

Prerequisites

- General computer knowledge
- Mission critical mindset and at least six months experience maintaining other server platforms

Course objectives

At the conclusion of this course you should be able to:

- Describe the basic design goals for the HP NonStop server, NonStop server hardware and software architecture and summarize how basic design goals are achieved
- Understand the NonStop operating system
- Describe how to use the NonStop Technical Library (NTL) and Event Management Service (EMS)
- Be familiar with the Open System Management (OSM) application
- Understand ViewPoint, PEEK, DSAP/DCOM, and ViewSys

Course outline

Module 1 – Introduction to NonStop Systems

- HP NonStop server general characteristics
- Application areas where NonStop servers are commonly used
- NonStop server design goals

Module 2 – NonStop Server Hardware Architectures

- NonStop server ServerNet System Area Network (SAN)
- Introduction to NonStop S-series, NS-series, NB-series, and X systems

Module 3 – NonStop Operating System (OS)

- Basic characteristics and functions of the HP NonStop operating system
- Process and program differences and NonStop OS process management
- Message-based OS and NonStop OS file and message systems major functions
- Role of process pairs and NonStop OS releases

Module 4 – Guardian Environment

- Guardian user IDs and accessing the NonStop server
- Guardian user environment management and file management

Module 5 – Open System Services (OSS) Environment

- OSS definition, file system, and types
- Guardian, OSS, shared APIs, and test files
- Running OSS commands from the Guardian environment and vice versa
- POSIX.2 shell and utilities
- Directories and filenames

Module 6 – NonStop Technical Library (NTL)

- Accessing the NTL
- Browsing to find documents and information
- Search facilities

Module 7 – Open System Management (OSM) Overview

- Benefits and hardware requirements
- Configuration options
- OSM Low-Level Link (LLL)
- OSM Service Connection and OSM Event Viewer

Module 8 – Server Configuration and Management

- Subsystem Control Facility (SCF) Introduction
- Using the SCF

Module 9 – Event Management Service (EMS)

- EMS overview, components, event format, and types
- EMS programs and utilities
- Running an EMS distributor

Module 10 – Other Useful NonStop Tools

- ViewPoint, PEEK, DSAP/DCOM, and ViewSys
- SYSINFO and SYSTIMES commands

Module 11 – Information Sources and Education Planning

- Global NonStop Solution Center (GNSC)
- Electronic support tools and education sources and planning
- Internal web links and internal distribution lists

Onsite Delivery Equipment Requirements

- Windows-based workstations providing each student with access to a NonStop server
- Student and instructor access to: Internet, basic Guardian utilities, the Guardian spooler, TEDIT, TAQL, OSS Pathway, Enscribe, OSM, TMF, Measure, and ViewPoint

Learn more at

hpe.com/us/training/nonstop