



Pathway System Management I for NonStop Systems U4194S

This 3-day lecture course will let you get the practical, hands-on experience you need to configure, modify, monitor, and maintain a Pathway system. By the end of the course, you will understand the major Pathway system management functions and have implemented them on an actual system.

Pathway System Management I for NonStop Systems

Price USD \$2,400

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

HP course # U4194S

Category NonStop

Duration 3 days

Audience

- System managers

Prerequisites

- Concepts and facilities for HP NonStop systems (U4147S)
- Knowledge of the HP NonStop server requester-server concept

Course objectives

At the end of this course, you will be able to perform the following tasks to manage a Pathway system:

- Describe the components of the Pathway environment and how they relate to an online transaction processing application
- Configure, start, stop, and monitor the components of a Pathway system
- Use the utilities necessary in Pathway system management
- Add terminal control processes (TCPs), terminals, and server classes to a running Pathway system
- Diagnose and fix problems that occur during the running of a Pathway system
- Describe the Pathway/iTS subsystem and interaction with iTP WebServer
- Configure and understand server to server communication using Pathsend

Benefits to you

- Understanding the Pathway environment
- Performing Pathway operations and management tasks
- Establishing and refining your Pathway configuration
- Troubleshooting Pathway systems
- Managing applications and products related to Pathway

Course outline

Module 1 Pathway Introduction

- Online transaction processing (OLTP) in the NonStop server environment
- The requester-server approach to online transaction processing
- The Pathway application and its role in online transaction processing
- Components of the Pathway operational environment
- Tasks a Pathway system manager performs

Module 2 Establishing an Initial Pathway Configuration

- Objects in a Pathway system
- Difference between global and object-specific configuration parameters
- Configuring the global and object-specific parameters
- Building an initial Pathway configuration file
- Lab exercise: Establishing an Initial Pathway Configuration

Module 3 Performing Pathway Operational Tasks

- Interfaces in a Pathway system
- How to start PATHMON and PATHCOM processes
- Cold starting and cool starting a Pathway system
- Starting and stopping the Pathway objects individually
- Monitoring and maintaining a Pathway system
- Shutting down a Pathway system
- Lab exercise: Performing Pathway Operational Tasks

Module 4 Refining Your Pathway Configuration

- The importance of Pathway configuration
- Use of SET commands to configure required and optional parameters on Pathway objects
- Configuring Pathway objects using production-type parameters
- Lab exercise: Refining Your Pathway Configuration

Module 5 Managing and Maintaining a Pathway System

- Tasks performed by a Pathway system manager
- Using PATHCOM commands to maintain a Pathway system, and diagnosing and fixing problems in a running Pathway system
- Lab exercise: Managing a Running Pathway System
- Lab exercise: Resolving Pathway Problems

Module 6 Managing Applications

- Major issues relating to managing application code in a Pathway environment
- Practical guidelines for configuring, managing, and monitoring Pathway systems
- Collecting Pathway performance information
- Lab exercise: Managing Application Code

Module 7 Managing Related NonStop Products

- The purpose of NonStop server products related to Pathway applications
- Management-related issues associated with these products Appendix A - Tables
- File Status Codes Augmented by Guardian-Err
- Application Profile
- SCREEN-COBOL Send Error Numbers
- Recognizing the Source of Messages on Your Log Terminal
- One 6530 terminal emulator capable of multiple sessions with the NonStop server, and having projection capability, for the instructor

Onsite-Delivery Equipment Requirements

- A S-series, or Integrity NonStop server with minimum configuration of 2 CPU
- NonStop operating system, version G06.24 or later NonStop S-series servers, H06.06, J06.03 or later for NonStop Integrity servers
- NonStop TS/MP, Pathway TS, NonStop Transaction Management Facility (TMF), and COBOL85 software
- One 6530 terminal emulator capable of multiple sessions with the NonStop server per student
- One 6530 terminal emulator capable of multiple sessions with the NonStop server, and having projection capability, for the instructor

Learn more at

hpe.com/us/training/nonstop