

# HPE course number U4194S Course length 3 days Delivery mode ILT View schedule, local pricing, and register

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# Pathway System Management I for HPE NonStop Systems U4194S

This 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.

### **Audience**

• System Managers

# **Prerequisites**

- Concepts and Facilities (U4147S)
- Knowledge of the HPE 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

<sup>\*</sup>Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, October 2017

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# **Detailed course outline**

Module 1: Pathway Introduction	Online transaction processing (OLTP) in the HPE NonStop server environment
Piodule 1: Fallway Illifoduction	
	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
Andula F. Managing and Maintaining a	
Module 5: Managing and Maintaining a Pathway System	Tasks performed by a Pathway system manager
	<ul> <li>Using PATHCOM commands to maintain a Pathway system, and diagnosing and fixing problems in a running Pathway system</li> </ul>
	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	5 5 11
	The purpose of HPE 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
	<ul> <li>One 6530 terminal emulator capable of multiple sessions with the HPE NonStop server, and having projection capability for the instructor</li> </ul>
Onsite-Delivery Equipment Requirements	• A C against as Integrity, NanCton conversation or a configuration of 2 CDU
	A S-series, or Integrity NonStop server with minimum configuration of 2 CPU  NonStop operating system, version CO6 2/4 or later NonStop S cories convers HO6 06 106 03 or later for HPE NonStop  NonStop operating system, version CO6 2/4 or later NonStop S cories convers HO6 06 106 03 or later for HPE NonStop
	<ul> <li>NonStop operating system, version G06.24 or later NonStop S-series servers, H06.06, J06.03 or later for HPE NonStop Integrity servers</li> </ul>
	HPE NonStop TS/MP, Pathway TS, HPE NonStop Transaction Management Facility (TMF), and COBOL85 software
	One 6530 terminal emulator capable of multiple sessions with the HPE NonStop server per student

#### Course data sheet

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