

# HP Education Services

Introduction to HP NonStop NetBatch (HH321S)



This course provides a basic introduction to batch processing concepts, exposing how these fit into the HP NonStop system environment. Topics include NetBatch product overview, software installation instructions, and planning, setup, and usage guidelines for NetBatch objects. This one-day course is 30 percent lecture and 70 percent hands-on labs using HP servers.

## Audience

- System operators
- System administrators
- Technical support analysts

## Prerequisites

- NonStop S-series Server Administration I (U5448S) or
- NonStop NS-series Server Administration I (U8528S) or
- Concepts and Facilities for HP NonStop Systems (U4147S) and
- At least six months experience on Integrity NonStop S-series or NonStop NS-series servers

## Course Objective

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

- Understand the major features and functions of NetBatch
- Understand the NetBatch architecture and how it organizes jobs and system resources
- Configure and customize the scheduler and its objects
- Use scheduler commands
- Understand the importance of good planning procedures
- Submit and manage jobs
- Work with calendar files using BATCHCAL

## Benefits to You

- Learn how to install and configure the NetBatch product on your NonStop systems in order to automate job scheduling, startup, and management, freeing staff for other work by reducing the need for manual intervention
- Increase job throughput by enabling job distribution among the systems' CPU
- Learn how to track job flow through the system, from job submission to spooled output

## Why education services from HP?

- Focus on job-specific skills
- Hands-on practice
- Experienced and best-in-the-field HP instructors
- Comprehensive student materials
- More than 80 training locations worldwide
- Customized on-site delivery

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**Course Title:** Introduction to HP NonStop NetBatch

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**HP Product Number:** HH321S

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**Category/Subcategory:** NonStop / System Operations

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**Course Length:** 1 day

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**Level:** Intermediate

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**Delivery Language:** English

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**To Order:** To review course schedules and to register for a course, visit [www.hp.com/learn/nonstop](http://www.hp.com/learn/nonstop) and select your country from the drop down menu, or, contact your HP sales representative or HP authorized channel partner.

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**Next Steps:** Consider attending the other advanced learning courses in the HP NonStop Operations Management curriculum

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## Detailed Course Outline

### Module 1 – Introduction to NetBatch

- OLTP versus batch processing
- Overview of NetBatch features and functions
- Usage of NetBatch subsystem

### Module 2 – NetBatch Architecture

- NetBatch software and environment
- Definition and purpose of NetBatch components

### Module 3 – NetBatch Installation

- Command interfaces
- NetBatch attributes and commands
- Starting and stopping the NetBatch application
- Lab: installation and coldload

### Module 4 – Scheduler Management

- Overview of scheduler management
- Scheduler attributes and commands
- Configuring scheduler
- Labs: scheduler management job control and operations; scheduler management configuration

### Module 5 – Job and Executor Management

- Tasks
- Planning jobs and procedures
- Job attributes and scheduling
- Managing jobs
- Processing states
- Lab: job and executor attributes

### Module 6 – Generating Run Calendar

- Calendar file
- BATCHCAL
- Labs: BATCHCAL and scheduling time options; spooler operations

## Onsite Delivery Equipment Requirements

- Access to a NonStop server with NetBatch installed
- Individual PCs (Windows NT or later) with network access

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