

HPE NonStop VTC Field Support Training H6C36S

HPE course number	H6C36S
Course length	4 Days
Delivery mode	ILT, VILT
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This course provides an overview of the HPE NonStop VTC solution. Students learn the architecture of the Virtual Tape Controller (VTC) hardware, VTC software, and BackPak host software. The course also describes the HPE NonStop Virtual Tape Repository (VTR) product. After completing this course, you will be able to install, configure, and perform basic operations on the HPE NonStop VTC product, including the BackBox software. The course is 60 percent lecture and 40 percent hands-on labs using HPE Integrity NonStop servers and HPE NonStop VTC products.

Audience

- HPE NonStop system architects
- HPE NonStop system administrators
- HPE support personnel

Prerequisites

- U4147S: Concepts and Facilities for HPE NonStop Systems
- HK286S: An Introduction to HPE NonStop Field Support Training, or similar experience
- Knowledge on Storage CLIMs

Course objectives

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

- Understand HPE NonStop VTC architecture and storage options
- Understand the overview of the software architecture, including the VTC and BackPak software
- Perform hardware and software installation steps on HPE NonStop VTC
- Configure the HPE NonStop VTC
- Monitor and troubleshoot the HPE NonStop VTC
- Describe additional features available for the HPE NonStop VTC
- Understand the HPE NonStop VTR product

Detailed course outline

Module 1 – Course Introduction

Module 2 – Introduction to the HPE NonStop BackBox

- HPE NonStop BackBox overview
- BackBox terminology
- Available HPE NonStop backup solutions
- BackBox configurations

Module 3 – VTC-VTR Hardware Overview

- Hardware overview of available VTC/VTR models
- Overview of available PCI-e adapters
- Overview of available cables
- Connectivity diagrams

Module 4 – BackBox Storage Choices

- Available BackBox storage choices
- HPE StoreOnce product
- Stand-in storage option
- External storage products supported by HPE
- External storage products supported by ETI-NET
- Supported physical tape drives
- ReFS—Resilient File System

Module 5 – HPE NonStop BackBox Software Architecture

- Software used to run the BackBox environment
- Accessing the BackBox/BackPak software
- VTC Management Console
- Accessing Windows Server 2012 R2

Module 6 – Storage Configuration

- Internal storage configuration
- Direct attached storage
- Windows folder creation for data stores
- Stand-in storage
- External tape device installation

Module 7 – BackBox Basic Operations

- Basic operation tasks
- BackPak user interface
- Showing a domain address configuration
- Adding data stores
- Creating volume groups (pools) and virtual volumes (cartridges)
- Securing virtual volumes and their data
- Monitoring, importing, and exporting virtual volumes
- Creating a labeled tape backup
- Copy pool sync

Module 8 – HPE NonStop BackBox Installation

- Hardware used for the VTC solution
- Configuring a VTC from scratch
- Configuring external tape drives
- Direct attached storage
- Stand-in storage
- NonStop software installation and configuration
- VTR licensing

Module 9 – Additional HPE NonStop BackBox Features

- Available scripts for operation purposes
- Available features from HPE and ETI-NET

Module 10 – Support and Troubleshooting

- Proper support channels
- Troubleshooting a BackBox product
- Recovering a VTC

Module 11 – vBackBox

- vBackBox introduction
 - Server preparation
 - System setting recommendations
 - iSCSI configuration
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