Hewlett Packard Enterprise

HPE NonStop Software Essentials
H1SC8S

HPE course number	H1SC8S
Course length	2 days
Delivery mode	ILT/VILT
View schedule, local pricing, and register	**View now**
View related courses	**View now**

HPE NonStop Software Essentials is the replacement for the DSM/SCM Planner Interface. In this 2 days course you will learn how to install the HPE NonStop Software Essentials client, how to configure the NonStop host software and become familiar with using the client. The course is a mix between lecture (60%) and lab exercises (40%). Some DSM/SCM requests are time consuming and can damage the NonStop system configuration when incorrectly used. For this reason, a simulator will be used in about 50% of the LAB exercises. After completing this course, you will be able to install, configure and use the HPE NonStop Software Essentials product. This is not a DSM/SCM course.

Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL, PMI, CSA, and (ISC)[2]
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

Audience

- Everybody who uses DSM/SCM on HPE NonStop systems.

Prerequisites

- One of these knowledge will be necessary:
    - DSM/SCM Operations and Management for HPE NonStop Systems (U4150S)
    - Similar comparable knowledge about using DSM/SCM on HPE NonStop systems.

Course objectives

- Provide a product overview and a brief insight on the architecture
- Installing NonStop Software Essentials

- Configuring NonStop Software Essentials
- Using NonStop Software Essentials
- Using the Package Software feature
- Provide an overview how to use the reporting feature
- Provide some basic troubleshooting

Benefits to you

- Understanding the HPE NonStop Software Essentials product
- Configuring the HPE NonStop Software Essentials product
- Using HPE NonStop Software Essentials product
- Troubleshooting the HPE NonStop Software Essentials product

Detailed course outline

Module	Topics	
Module 1 – Course Introduction	• Course Schedule	
Module 2 – Product Overview & Architecture	• Explain what NonStop Software Essentials is and can do	• List the different versions of NonStop Essentials
	• Show the NonStop Software Essentials user interface	• Describe briefly a typical DSM/SCM environment
	• List the benefits of NonStop Software Essentials	• List the NonStop Software Essentials architecture and components
Module 3 – Installing NonStop Software Essentials	• List the NonStop Software Essentials software requirements and related products	• Describe the installation of the NSE NonStop client component Accessing the NSE interface
	• List the minimum RVU and SPRs	• Securing NSE and Jetty App Server
	• Describe the installation of the NSE NonStop server component	• Changing TCP/IP Settings
Module 4 – Configuring NonStop Software Essentials	• Managing the Host Configuration	• Configuring and modifying the Planner and Host Administrator Security
	• Managing Targets (add, delete, modify)	• Managing Volumes Used by NonStop Software Essentials
	• Managing Planners (add, delete, modify)	
	• Managing Host Administrators (add, delete, modify)	
Module 5 – Using NonStop Software Essentials	• Explain how to manage software with NonStop Software Essentials	• Build/Apply a Software Revision
	• Describe how to receive software with NonStop Software Essentials	• Activating New Software on a Target System
		• Renaming Product Files Using ZPHIRNM
	• Creating and Managing Software Revisions	• Using the NonStop Software Essentials Simulator
Module 6 – Using the Package Software feature	• Describe how to launch the Package Software feature	• Describe the DSV file functions: ADDIF and DELIF
	• Explain the creation and modification of a Distribution Subvolume (DSV)	• Explain how to validate the settings
	• Describe the Guardian File Settings for a DSV	• Describe how the package the DSV
Module 7 – Reporting	• Explain the report features of NonStop Software Essentials	• Explain how to prepare a report
	• List all default available reports	• Describe the available reports parameters
	• Describe how to add, modify or delete a report	• Explain how to view a prepared report
Module 8 – Troubleshooting	• Explain how to enable tracing and logging of NonStop Software Essentials (host)	• Troubleshooting the installation of the NSE client
	• Explain how to enable tracing and logging of DSM/SCM (host)	• Troubleshooting the launch of the NSE client

Learn more at
hpe.com/ww/learnnonstop

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