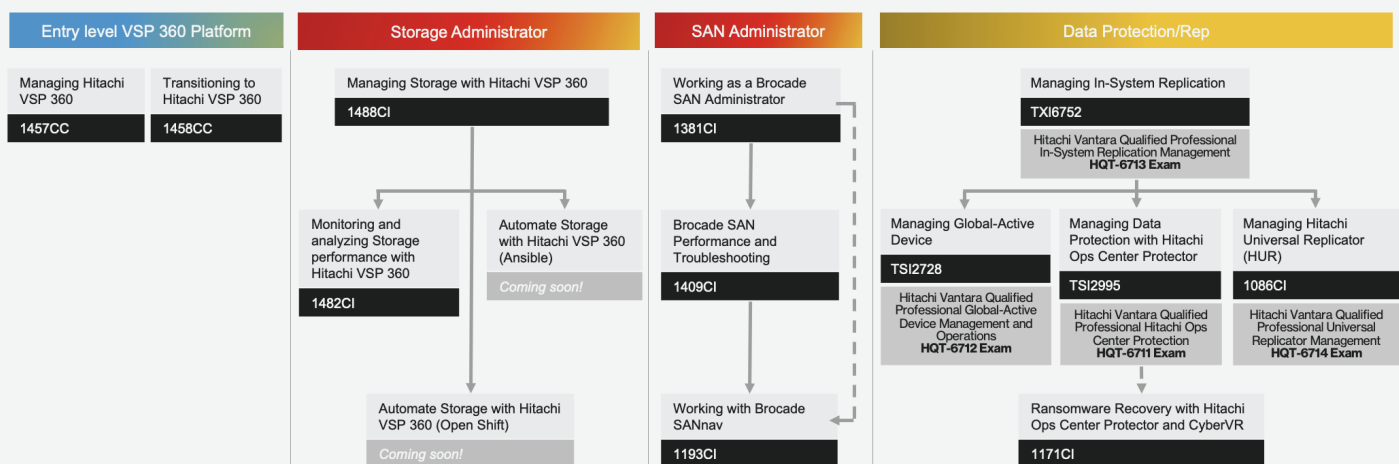# HITACHI

Block Storage Learning Path

Storage and SAN Administrator with Data Protection/Rep - Hitachi VSP 360

Master Admin Tasks

The Storage and SAN Administrator with Data Protection learning path will help you acquire the skills you need to master administrator tasks.

Managing Hitachi VSP 360
1457CC[1] | Self-Paced Online Learning

This course introduces the core components and functionalities of Hitachi VSP 360. Designed for current Hitachi Ops Center Administrator users, it covers key features such as Clearsight Observability and Cyber Sense Intelligent Protection, along with integrated systems using the EverFlex infrastructure-as-a-service model and orchestration through Ansible automation. Learn to apply these tools to enhance operational efficiency, improve service delivery, and ensure optimal performance within your IT environment.

Transitioning to Hitachi VSP 360
1458CC[1] | Self-Paced Online Learning

This course introduces the core components and functionalities of Hitachi VSP 360. Designed for current Hitachi Ops Center Administrator users, it covers key features such as Clearsight Observability and Cyber Sense Intelligent Protection, along with integrated systems using the

EverFlex infrastructure-as-a-service model and orchestration through Ansible automation. Learn to apply these tools to enhance operational efficiency, improve service delivery, and ensure optimal performance within your IT environment.

Managing Storage with Hitachi VSP 360
1488CI | 5-Day ILT/vILT

Learn about administration and provisioning tasks using Hitachi Virtual Storage Platform (VSP) 360 Fleet Management section. These tasks include storage setup and configuration (onboarding and discovering storage). This course introduces essential tools and features that Storage Administrators need to effectively manage daily operations, features like Server Group and provisioning workflow for creating and protecting volumes. Describing the storage fundamentals, such as creating parity groups, pools will still be available in the course contents. It also explains how to manage and monitor storage from Hitachi VSP 360 Dashboard. Hands-on lab activities enable you to gain practical experience about administering and provisioning using Hitachi VSP 360 Fleet Management.

Hitachi Vantara

This course prepares you for the Hitachi Vantara Qualified Professional - In-system replication management (HQT-6713) exam.[2]

Completion of this course will earn you a Hitachi In-System Replication Management digital badge.

IMPORTANT: This course is best suited for those new to Hitachi Ops Center Administrator and who have not completed Managing Hitachi Ops Center Administrator – TSI2929.

Monitoring and Analyzing Storage Performance with Hitachi VSP 360
1482CI | 2-Day ILT/vILT

Get comprehensive knowledge of the performance metrics and concepts necessary for conducting analysis, monitoring, and health checks using Hitachi VSP 360 Clear Sight products. Participants will gain insight into Hitachi VSP 360 Clear Sight SaaS, Clear Sight Advanced, and Clear Sight Mobile, including their distinctive features and functionality for thorough datacenter performance analysis. Additionally, hands-on lab activities provide practical experience with Hitachi VSP 360 Clear Sight products, allowing participants to apply various tools in real-world performance scenarios.

Completion of this course will earn you a Performance monitoring and analysis with Hitachi VSP 360 digital badge.

Working as a Brocade SAN Administrator
1381CI | 2-Day ILT/vILT

Master the management and operation of Brocade SAN fabrics, focusing on the key features of Fibre Channel switches and directors while you will gain confidence in managing SAN environment through a detailed understanding of Fibre Channel and Brocade-specific topics such as Fibre Channel Zoning, Trunking, and more.

Brocade SAN Performance & Troubleshooting
1409CI | 1-Day ILT/vILT

This intermediate course offers comprehensive training in configuring and monitoring performance for Brocade FC switches and directors. It will help you with troubleshooting tasks on Brocade SAN. You'll gain confidence in SAN Brocade features such as Traffic Optimizer, Flow Monitor and FPI Congestion Monitoring. In addition, you will have the opportunity to practice with hands-on lab activities designed to build the skills necessary for proficiency with Brocade Fibre Channel products.

Important: You must have completed "Working as a Brocade SAN Administrator – 1381CI" or have clear understanding of most Brocade Fabric features & tools, including MAPs, before registering for this course.

Working with Brocade SANnav
1193CI | 2-Day ILT/vILT

This foundational course provides an overview of the Brocade SANnav Management Portal. You will gain the knowledge and skills needed to utilize Brocade SANnav v2.3.0 or the latest to manage and monitor SAN environments.

Completion of this course will earn you a Brocade SANnav Management Portal Software Operation and Administration digital badge.

Managing In-System Replication
TXI6752 | 2-Day ILT/vILT

Receive in-depth knowledge on specifications, operations, and troubleshooting of the Hitachi In-System replication software bundle. The course also covers how to manage replication with Command Control Interface (CCI) software. Comprehensive hands-on practice is included to build necessary skills to configure several in-system replication scenarios using Hitachi Device Manager Storage Navigator (HDVM-SN), RAID Manager CCI, and RAIDCOM commands.

This course prepares you for the Hitachi Vantara Qualified Professional - In-system replication management (HQT-6713) exam.[2]

Completion of this course will earn you a Hitachi In-System Replication Management digital badge.

Managing Global-Active Device
TSI2728 | 3-Day ILT/vILT

Learn to configure global-active device (GAD) using command control interface (CCI) and Hitachi Command Suite (HCS) GUI. Familiarize yourself with GAD architecture, features and concepts. This course includes hands-on lab activities to configure HCS and CCI server, create virtual storage machines, set up Hitachi Replication Manager, pair management server and manage GAD pairs.

This course prepares you for the Hitachi Vantara Qualified Professional – Global-Active Device Management and Operations (HQT-6712) exam.[2]

Completion of this course will earn you a Global-Active Device Operation and Management digital badge.

Hitachi Vantara

Managing Data Protection with Hitachi Ops Center Protector
TSI2995 | 3-Day ILT/vILT

Get training on how to use Hitachi Ops Center Protector to orchestrate and manage Hitachi replication software products such as Hitachi ShadowImage® and Hitachi Thin Image. The course includes a description of the major components for Protector orchestration such as Node, Policies and Data Flows. It also includes a review of storage, host and application-based operations, such as snapshot, backup and others.

Completion of this course will earn you a Hitachi Ops Center Protector Management digital badge.

This course prepares you for the Hitachi Vantara Qualified Professional - Ops Center protection (HQT-6711) exam.[2]

Ransomware Recovery with Hitachi Ops Center Protector and CyberVR
1171CI | 2-Day ILT/vILT

Use Hitachi Ops Center Protector and VM2020 CyberVR to quickly recover an entire application stack, including data, compute, network, and application. Learn the components and capabilities of CyberVR and how to use CyberVR to create Thin Digital Twins which support a variety of use cases, such as penetration testing, security control validation, forensics, and ransomware recovery testing. The course includes hands-on lab activities designed to build the skills necessary to use CyberVR as the key orchestration layer for these products.

Completion of this course will earn you a Ransomware Recovery with VM2020 CyberVR and Hitachi Ops Center Protector digital badge.

Managing Hitachi Universal Replicator (HUR)
1086CI | 3-Day ILT/vILT

This course covers the use of Hitachi Universal Replicator (HUR) in two and three data center (2DC and 3DC) configurations, as well as the Universal Replicator Delta Resync function in a global–active device environment. Students will learn how to set up a HUR configuration using CLI, Storage Navigator, and Hitachi Ops Center Protector software and includes hands-on labs.

This course prepares you for the Hitachi Vantara Qualified Professional - Universal Replicator Management (HQT-6714) exam.[2]

Hitachi Vantara

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