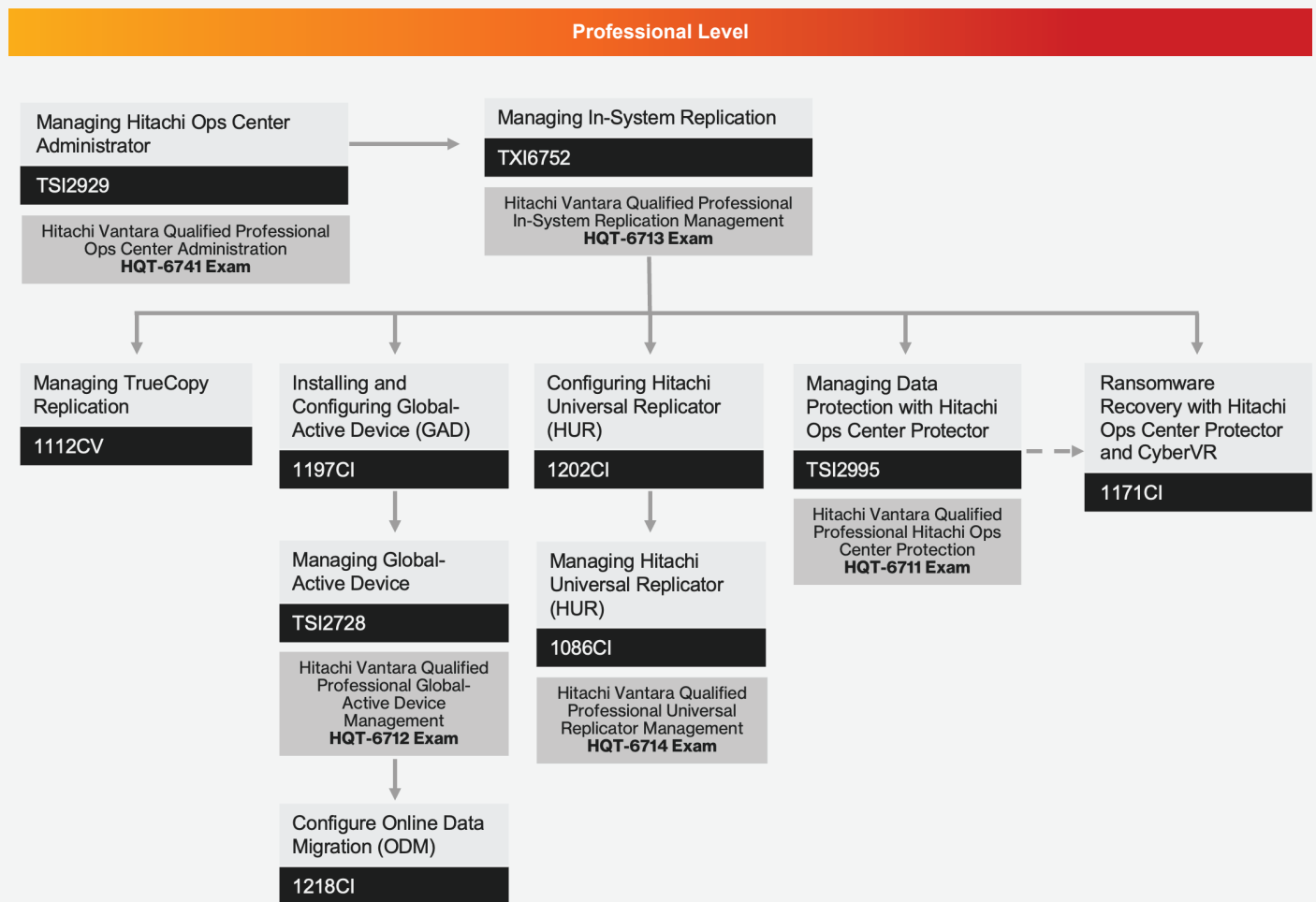# HITACHI

*Block Storage Learning Path*

# Business Continuity Engineer

## Protect your data with Hitachi Vantara storage management software

The Business Continuity Engineer learning path will help you acquire the skills you need to protect, replicate and migrate data with storage from Hitachi Vantara.

### Professional Level

Managing Hitachi Ops Center Administrator
**TSI2929**
Hitachi Vantara Qualified Professional Ops Center Administration
**HQT-6741 Exam**

Managing In-System Replication
**TXI6752**
Hitachi Vantara Qualified Professional In-System Replication Management
**HQT-6713 Exam**

Managing TrueCopy Replication
**1112CV**

Installing and Configuring Global-Active Device (GAD)
**1197CI**

Managing Global-Active Device
**TSI2728**
Hitachi Vantara Qualified Professional Global-Active Device Management
**HQT-6712 Exam**

Configure Online Data Migration (ODM)
**1218CI**

Configuring Hitachi Universal Replicator (HUR)
**1202CI**

Managing Hitachi Universal Replicator (HUR)
**1086CI**
Hitachi Vantara Qualified Professional Universal Replicator Management
**HQT-6714 Exam**

Managing Data Protection with Hitachi Ops Center Protector
**TSI2995**
Hitachi Vantara Qualified Professional Hitachi Ops Center Protection
**HQT-6711 Exam**

Ransomware Recovery with Hitachi Ops Center Protector and CyberVR
**1171CI**

## Managing Hitachi Ops Center Administrator
**TSI2929 | 5-Day ILT/vILT**

Learn about basic administration and provisioning tasks using Hitachi Ops Center Administrator. These tasks include storage setup and configuration (onboarding and discovering storage), creating parity groups, pools, volumes, and LUNs, as well as managing and creating volume migration and protection. You will learn several Ops Center Administrator features to enhance the work of storage administrators, such as Scan Host Group and Virtual Storage Machine (VSM). The course monitors storage from Hitachi Ops Center Administrator Dashboard.

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

This course prepares you for the Hitachi Vantara Qualified Professional - Ops Center Administration (HQT-6741) exam.[2]

# Hitachi Vantara

## Managing In-System Replication
**TXI6752 | 3-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 TrueCopy Replication
**1112CV | Online**

This course provides information on in-depth specifications, operations, and troubleshooting of Hitachi TrueCopy Heterogeneous Remote Replication. The emphasis of this course is placed on managing replications with Command Control Interface (CCI) software and Hitachi Ops Center Protector features.

## Installing and Configuring Global-Active Device (GAD)
**1197CI | 1-Day ILT/vILT**

This course provides information on implementing global-active device (GAD) using the Hitachi Ops Center GUI and command control interface (CCI). It will familiarize you with GAD architecture, features, and concepts. This course includes hands-on lab activities to give you practice on how to configure GAD using Hitachi Ops Center Administrator and Protector, create virtual storage machines, and set up GAD using CCI and manage GAD pairs.

Completion of this course will earn you a Installing and Configuring Global-Active Device 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.

## Configure Online Data Migration (ODM)
**1218CI | 1-Day ILT/vILT**

This course provides an overview on implementing an Online Data Migration (ODM) within a Hitachi array environment by using Hitachi Ops Center products such Administrator, Protector, and Automator. It will familiarize you with ODM architecture, features, and concepts.

Completion of this course will earn you a Configuring and Implementing Online Data Migration digital badge.

## Installing and Configuring Hitachi Universal Replicator (HUR)
**1202CI | 1-Day ILT/vILT**

Learn how to implement Hitachi Universal Replicator (HUR) using the Hitachi Ops Center GUI and command control interface (CCI). This course will familiarize you with HUR architecture, features, and concepts. It includes hands-on lab activities and you will also have an opportunity to create virtual storage machines, set up HUR using CCI, and manage global-active device (GAD) pairs.

Completion of this course will earn you an Installing and Configuring Universal Replicator 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]

## 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.

1 Self-paced online courses do not prepare students for qualification tests/exams.
2 This closed-book, proctored qualification test is available using the Kryterion Webassessor system, either as online-proctored or on-site at Kryterion testing centers.

# Hitachi Vantara