

# Managing Hitachi Universal Replicator (HUR)

## 1086CI

### Who Should Attend

- Storage Administrators

### Level

- Professional

### Availability

- Customer
- Partner
- Employee

### Required Knowledge and Skills

- Hitachi Ops Center Administrator
- CCI Software

### Recommended prerequisite

- Managing Hitachi Ops Center Administrator – TSI2929
- Managing Global-Active Device – TSI2728

### Follow On Course(s)

- Managing In-System Replication – TXI6752
- Managing Hitachi Ops Center Protector – TSI2995

### Delivery Type

- Instructor-led Training (ILT)
- Virtual Instructor-led Training (vILT)

### Course Length

- 3 days

## Supercharge your knowledge with Hitachi Universal Replicator (HUR)

This intermediate course covers the use of Hitachi Universal Replicator (HUR) in two data center (2DC) and three data center (3DC) configurations, along with the Universal Replicator Delta Resync function in a global-active device environment. Participants will learn how to set up a HUR configuration using Command Control Interface CLI, Hitachi Storage Navigator (SN), VSP One Block Administration and Hitachi Ops Center Protector software.

Additionally, hands-on lab activities enable you to gain practical experience and knowledge about setting up and using HUR, 3DC, and 3DC GAD and HUR with Delta Resync on Hitachi Virtual Storage Platforms (VSP) Block families.

**Learning Path:** [Business Continuity Engineer](#)

### Digital Badge

At the successful completion of this course, you will receive the **Hitachi Universal Replicator Management** digital badge.

### Certification

This course prepares you for the **Hitachi Vantara Qualified Professional – Universal Replicator Management (HQT-6714)** professional qualification test\*.

\*Depending on the location and course delivery format, this closed-book, proctored qualification test may be offered and administered by the instructor at the conclusion of this course, using the [Kryterion Webassessor](#) system. It is also available online (online proctored) and at Kryterion testing centers (onsite proctored).

### Course Objectives

When you complete this course, you should be able to:

- Describe Hitachi Universal Replicator (HUR) key features and benefits
- Explain Universal Replicator components and specifications
- Describe Universal Replicator journals, including sizing requirements and restrictions on journal volumes
- Identify factors that impact Universal Replicator performance
- Use Hitachi Storage Navigator (SN), Hitachi Storage Advisor Embedded (HSAE), and Raidcom to set up Universal Replicator remote connections and journals
- Configure command control interface (CCI) and operate Universal Replicator using CCI commands
- Use Hitachi Ops Center Protector to operate Universal Replicator
- Configure and operate 3DC environments
- Understand Universal Replicator operations in a 3DC Delta Resync GAD environment

Your roadmap to professional growth starts here!



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Visit our [Training Portal](#) or contact a Global Learning Education Consultant [here](#).

### Course Outline

#### Content Modules

- Introduction
- Hitachi Universal Replicator (HUR) Overview
- Hitachi Universal Replicator Architecture and Internal Operations
- Hitachi Universal Replicator Initial Setup
- Command Control Interface (CCI) Configuration and Operations
- Hitachi Ops Center Protector Configuration and Operations
- Three Data Center (3DC) Operations
- Global-Active Device 3DC with Delta Resync Operations
- Troubleshooting
- VSP One SDS Block Replication

#### Learning Activities — Labs

- Hitachi Universal Replicator Setup
- Hitachi Universal Replicator Operations with CCI
- Disaster Recovery using Hitachi Universal Replicator
- Journal Inflow Control
- Hitachi Universal Replicator Operations with Hitachi Ops Center Protector
- Hitachi Universal Replicator 3DC Multi-target with Delta-resync Configuration Lab Option 1 (longer): GAD+HUR
- Hitachi Universal Replicator 3DC Multi-target Configuration Lab Option 2 (shorter): TC+HUR

Register now →



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