

RELIABLE TRUSTED CHANGE EXPERTISE AGILITY COMPETITIVE  
ULTS CONNECTED DATA UNSTRUCTURED INNOVATE INFORMA  
GLOBAL DISCOVER EXPERIENCE RESULTS TRANSFORM RELIABLE

HITACHI DATA SYSTEMS ACADEMY

**Delivery Type**

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

**Course Length**

5 Days

**Course Availability**

- Employees
- Partners
- Customers

**Suggested Audience**

- Implement and Integrate
- Administration

**Required Knowledge and Skills**

- Basic knowledge of Hitachi Virtual Storage Platform

**Prerequisite Courses**

- CSI0147 - Hitachi Enterprise In-System and TrueCopy Remote Replications

**Recommended**

- None

**Supplemental Courses**

- None

**TSI0150— Implementing Hitachi Universal Replicator on Open Systems**

**Course Highlights**

- Learn about the latest features in Hitachi Universal Replicator (HUR), including the new three data center Async capability
- Learn how to incorporate Hitachi Virtual Storage Platform Family storage systems into your Universal Replicator operations
- Hone your remote replication skills by setting up different Universal Replicator configurations and managing them

**Course Description**

This 5 day course covers the use of Hitachi Universal Replicator and Hitachi TrueCopy in three data center (3DC) configurations, as well as Universal Replicator Delta Resync function. Details on the use of MxN Consistency (CT) Groups, Remote Replication Data Transport, and Hitachi Replication Manager are also presented.

The classroom sessions are supported by lab exercises where you will learn to install, configure, and use Universal Replicator, 3DC, 3DC Async, 3DC Delta Resync, and MxN CT Groups on Hitachi storage platforms.

**Course Objectives**

Upon completion of this course, you should be able to:

- Describe Hitachi Universal Replicator key features and benefits
- Describe Universal Replicator components and specifications
- Describe Universal Replicator journals, including sizing requirements and restrictions on journal volumes
- Identify Universal Replicator performance factors
- Use Storage Navigator to configure Universal Replicator replication links, remote storage systems, and journals
- Issue Storage Navigator commands for Universal Replicator operations
- Set up Command Control Interface (CCI) command devices, create CCI configuration files and operate Universal Replicator with CCI commands
- Identify data protection best practice techniques
- Operate 3DC Configurations including 3DC Async
- Configure and operate Universal Replicator Delta Resync feature

## COURSE DESCRIPTION



### Join the Conversation

Ask questions and connect with other HDS customers, partners and employees within the Hitachi Data Systems Community.

[Community.hds.com](https://community.hds.com)

- Discuss Remote Replication Data Transport considerations
- Describe the features and use of Hitachi Replication Manager
- Create and use Universal Replicator MxN CT Groups

### Course Outline

#### Content Modules

- Hitachi Universal Replicator Overview
- Hitachi Universal Replicator Specifications
- Hitachi Universal Replicator Architecture and Internal Operations
- Hitachi Universal Replicator Configuration with Hitachi Storage Navigator
- Storage Navigator Pair Operations
- Command Control Interface Configuration and Operations
- Data Protection Concepts and Practices
- Three Data Center (3DC) Operations
- Delta Resynchronization
- Data Transport Technologies
- Hitachi Replication Manager Overview
- Universal Replicator Extended Consistency Groups

#### Learning Activities — Labs

- Hitachi Universal Replicator Configuration and Operations
- Managing Universal Replicator with CCI
- Universal Replicator in 3DC Operations
- Universal Replicator Delta Resync Operations
- Universal Replicator Extended Consistency Group Operations

To register or for more information, go to <https://learningcenter.hds.com>



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