

Delivery Type

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

Course Length

- 5 days

Course Availability

- Employees
- Customers
- Partners

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

Supplemental Courses

- None

TSI0150 — Implementing Hitachi Universal Replicator on Open Systems

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



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Community.hitachivantara.com

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:

- (*customers/partners*) [Hitachi Vantara Learning Center](#)
- (*employees*) [Hitachi University](#)

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