



NETAPP UNIVERSITY

# NearStore Virtual Tape Library Advanced Administration

## COURSE DESCRIPTION

This instructor-led course is designed for anyone who will architect, implement, administer or work with administrators of the NearStore® Virtual Tape Library (VTL) appliance. Through a combination of discussion and hands-on activities, this course describes the features and functions of the NearStore VTL and how to integrate with the three leading backup applications (as measured by data center market share): Symantec® NetBackup™, IBM® Tivoli® Storage Manager and EMC® NetWorker®. A significant portion of this course is devoted to hands-on lab-centric training enabling students to set up, install and configure a VTL and then to integrate it operationally with the backup applications and tape libraries. Instructors will share case studies of complex VTL implementations and provide best practices and advanced configuration techniques.

## DELIVERY TYPE

Instructor-led training (ILT)

## DURATION

3 Days

## AUDIENCE

An individual who will architect, implement, administer or work with administrators of the NearStore VTL appliance

## TUITION & TRAINING UNITS

- North America: \$2,250 per student (USD)
- International: \$2,250 per student (USD - Local taxes not included)
- Training Units: 30

## PREREQUISITES

- Knowledge of networking terminology and management
- Background in UNIX® or Windows® server administration
- Knowledge of (storage area network (SAN) administration

## OBJECTIVES

At the end of this course you should be able to:

- Explain advanced disk-to-disk backup principles and how those apply to a virtual tape library appliance.
- Explain features and functions of the NearStore VTL, such as direct tape creation, sizing and architecting VTL environments, and compression versus tape smart sizing.
- Explain the features of a NearStore VTL and their impact on backup environments.
- Describe different architectures and deployment options for the NearStore VTL.
- Identify and describe best practice concepts and processes.
- Install and cable a NearStore VTL.

- Implement all of the features of the VTL product in a working environment including performance tuning and port configurations.
- Architecting and implementing the VTL into existing SAN infrastructures.
- Architecting and implementing the VTL into new backup environments.
- Configure a NearStore VTL to integrate with the following supported backup applications: Symantec NetBackup, IBM Tivoli Storage Manager, and EMC NetWorker.
- Perform administration of a NearStore VTL.
- Complete operations using the command-line interface and scripting.
- Troubleshoot and resolve errors with the operation of a NearStore VTL.
- Describe lessons learned from existing installations and avoid common pitfalls.

## CERTIFICATION PATH

[www.netapp.com/education/certification](http://www.netapp.com/education/certification)

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