

EMC Technology Foundations Learning Path

ETF introduces the basic architecture and features of EMC's Celerra, Connectrix, Symmetrix, CLARiiON, and Centera technology. Plus addresses, backup, archive, information availability, virtualization, network management, and replication considerations.

Prepare for your Associate-Level Certification.



Certification Alignment

Product/Technology Specific
E20-040 Exam

Courses

Course Objectives

(5 Days)

(28.5 Hrs)
(Total)

EMC Technology Foundations (ETF) (Instructor-Led)

This course includes the following modules:

OR receive the same content in the following self-paced e-Learnings

CLARiiON Foundations

CLARiiON disk array, data protection, I/O management, and Navisphere

- Illustrate the key high-availability features of the CLARiiON
- Use Navisphere to perform common management tasks

SnapView Foundations

Local replication, SnapView terminology, features architecture, theory of operations and management, CLARiiON snapshots, and clones

- Describe the architecture, features, and benefits of SnapView on the CLARiiON storage platform
- Explain the various local replication solutions available in SnapView

MirrorView and SAN Copy Foundations

Remote Replication, MirrorView and SAN Copy terminology, theory of operations and management, and SAN Copy data mobility concepts

- Describe the architecture, features and benefits of remote replication on the CLARiiON storage platform
- Explain the various CLARiiON remote replication solutions

Symmetrix Foundations

Symmetrix disk array architecture, volume protection, I/O path, connectivity, vaulting and high availability features

- Draw and describe the Symmetrix DMX basic architecture
- Explain Symmetrix DMX theory of operations, connectivity options, and key features

TimeFinder Foundations

TimeFinder terminology, features, architecture, theory of operations and management, TimeFinder Mirror, Clone, and Snap local replication solutions

- Describe the architectural components and theory of operations of TimeFinder
- Explain how various replication options of TimeFinder can be integrated into a Symmetrix DMX business continuity/disaster recovery environment

SRDF Foundations

Symmetrix business continuity solutions for remote replication, features, functionality, and benefits of the SRDF family of products

- Describe architectural components and theory of operations of SRDF
- Explain how various replication options of SRDF can be integrated into a Symmetrix DMX business continuity/disaster recovery environment

Connectrix Foundations

EMC Connectrix B-Series, M-Series, and MDS-Series, EMC SAN Manager, Connectrix Manager, native switch management tools

- Describe the architecture and key features of the Connectrix B-, M-, and MDS-Series switches and directors
- List and explain EMC and native switch management tools

PowerPath Foundations

PowerPath terminology, features, architecture, theory of operations and management

- Discuss the features and benefits of PowerPath in an open systems host environment
- Explain how PowerPath achieves transparent recovery of host to storage channels

Celerra Foundations

Celerra platforms, Celerra/NAS replication technologies, Celerra/NAS backup options

- Describe the architecture and key features of the Celerra NAS platform
- Explain replication and backup products and technologies that support a Celerra NAS environment

Storage Virtualization Foundations

Invista SAN virtualization, Rainfinity NAS virtualization

- Describe the architecture and key features of EMC storage virtualization products
- Explain common deployments of EMC storage virtualization products

Backup Technologies Foundations

NetWorker, EMC Disk Library, DiskXtender, Avamar, EMC Backup Advisor architecture, and key features

- Describe the architecture and key features of EMC backup technologies and products
- Explain common deployments of core EMC backup products

ControlCenter Foundations

ControlCenter features, architecture, theory of operations, and management

- Describe the architectural components and theory of operations of ControlCenter
- Use ControlCenter to carry out common storage management tasks

Archive Technology Foundations

Content-addressed storage (CAS), EmailXtender Overview, DiskXtender For Windows Overview

- Describe the functions and features of content-addressed storage (CAS), EmailXtender, DiskXtender

Replication Technology Foundations

RecoverPoint, Replication Manager, Open Replicator, RepliStor overview

- Identify the concepts, value, and environmental aspects of RecoverPoint, Replication Manager, Open Replicator, RepliStor

Network Management Foundations

EMC Smarts product suite, Application Discovery Manager, and VoyenceControl

- Describe the value of a network management system
- Explain the EMC Smarts architectural concepts
- Discuss individual domain silos that comprise an enterprise IT infrastructure

Purchase Options

EMC Technology Foundations

9 Training Units or \$2,970

6 Training Units or \$1,980



EMC Technology Foundations eValuePak

CE-VALPAKETF \$1,980

Includes 15 self-paced e-Learning courses.

For more information on purchase options, see page 9



Instructor-Led Training



e-Learning

For more information on delivery modes, see page 8