

E20-815 Symmetrix Business Continuity Expert Exam for TAs

Exam Description

Exam Number
E20-815

Duration
90 minutes
60 questions

Available Languages
English



The Symmetrix Business Continuity Expert Exam for Technology Architects is the qualifying exam for **Technology Architect - Symmetrix Business Continuity** track.

This expert exam assesses the knowledge and skills required to design, size and configure highly available and automated EMC Symmetrix-based business continuity solutions in heterogeneous open system environments; including SRDF/Star and integration with Oracle, Exchange and SQL Server applications for point-in-time recoverability.

Exam Topics

Products likely to be referred to on the exam include:

- Symmetrix DMX Series platforms
- Solutions Enabler
- TimeFinder/Mirror
- TimeFinder/Clone
- TimeFinder/Snap
- SRDF / Synchronous
- SRDF / Asynchronous
- SRDF / Automated Replication
- SRDF/Star
- SRDF/CE for MSCS
- Replication Manager

Topics likely to be present on this exam include:

- **Exchange Integration with Symmetrix**
 - Explain the configuration of an Exchange Server for use with Symmetrix/DMX storage
 - Explain the EMC implementation best practices for Exchange Server
 - List the procedures to configure and execute Exchange backups using EMC Replication Manager on a single Symmetrix/DMX
 - Explain the installation, configuration, and execution of backups using TimeFinder Exchange Integration Module across multiple Symmetrix using SRDF
 - Describe effective troubleshooting techniques for issues surrounding the replication of Exchange on Symmetrix/DMX
- **Oracle Integration with Symmetrix**
 - Use Replication solutions within an Oracle environment
 - Explain planning and documenting within an Oracle OFA environment
 - Describe RAID and Oracle ASM configurations
 - Describe TimeFinder and Oracle Flashback integration
 - Describe SRDF and Oracle integration
 - Describe Consistency, Double Checksum and Oracle integration
- **Microsoft SQL Server Integration with Symmetrix**
 - Describe the configuration of an Microsoft SQL Server for use with Symmetrix/DMX storage
 - Identify EMC implementation best practices for Microsoft SQL Server
 - List options to create Microsoft SQL Server replicas using:
 - Solutions Enabler
 - TimeFinder SQL Server Integration Module
 - EMC Replication Manager
- **Design SRDF/CE for MSCS**
 - Identify the components of a Microsoft Cluster and list the advantages of clustering technology
 - Define a Majority Node Set (MNS)
 - Architect an SRDF/CE for MSCS solution
- **Design and Configure SRDF/Star Solutions**

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- Position SRDF/Star in the SRDF family of products
- Describe the underlying technologies that make SRDF/Star work
- Operate a SRDF/Star configuration under normal and fault conditions
- Perform routine maintenance work on a SRDF/Star configuration
- **Design Symmetrix Business Continuity Solutions**
 - Describe the tools used to collect and model Symmetrix replication solutions
 - Design a Local Replication Solution using EMC TimeFinder family of products
 - Design an Open Replicator Solution
 - Describe the various network topologies used in SRDF environments and the differences between them
 - Design SRDF/S Solutions
 - Design SRDF/A Solutions
 - Design SRDF/AR Solutions

Recommended Training

Recommended preparation for this exam is the Technology Architect - Symmetrix Business Continuity Expert Curriculum.

Note: These details reflect exam content as of September 10, 2007.

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