DELLEMC

VMAX3 Solutions Expert Version 1.0
Certification Description

[Proven Professional Website](#)

[Proven Professional Community](#)

Certification Overview
Benefits any professional responsible for performance analysis of VMAX3 arrays, design and implementation of VMAX3 security, multi-site SRDF, SRDF/Metro and FAST.X.

Certification Requirements
To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications*
   - Information Storage Associate (EMCISA)
   - Information Storage Associate Version 2 (EMCISA)
   - Information Storage Associate Version 3 (EMCISA)

2. Achieve one of the following Specialist level certifications*
   - VMAX3 Solutions Specialist (EMCSA)
   - VMAX3 Solutions Specialist (EMCIE)
   - VMAX3 Solutions Specialist (EMCTA)
   - VMAX All Flash and VMAX3 Solutions Specialist (EMCIE)
   - VMAX All Flash and VMAX3 Solutions Specialist (EMCSA)

3. Pass the following Expert exam on or after May 06, 2016:
   - [E20-807 VMAX3 Solutions Expert Exam](#)

Note: These details reflect certification requirements as of **May 06, 2016.**

The Proven Professional Program periodically updates certification requirements. *Please check the [Proven Professional CertTracker](#) website regularly for the latest information and for other options to meet the Associate level requirement.

Dell EMC
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

DELL EMC

E20-807 VMAX3 Solutions Expert Exam
Exam Description

Overview
This exam is a qualifying exam for all VMAX3 Solutions Expert tracks, including, Technology Architect, Implementation Engineer, and Storage Administrator.

This exam assesses the knowledge and skills required to analyze and understand the performance of VMAX3 arrays, articulate VMAX3 Security Concepts, incorporate external arrays using FAST.X, and use SRDF for three-site remote replication and Metro solutions.

Dell EMC provides free practice tests to assess your knowledge in preparation for the exam. Practice tests allow you to become familiar with the topics and question types you will find on the proctored exam. Your results on a practice test offer one indication of how prepared you are for the proctored exam and can highlight topics on which you need to study and train further. A passing score on the practice test does not guarantee a passing score on the certification exam.

Products
Products likely to be referred to on this exam include but are not limited to:

- VMAX3 with HYPERMAX OS 5977
- Solutions Enabler 8.1
- Unisphere for VMAX 8.1
- TimeFinder SnapVX
- SRDF
- FAST.X

Exam Topics
Topics likely to be covered on this exam include:

VMAX3 Performance (45%)
- Architecture and Best Practices
- Performance Analysis - Methodology
- VMAX3 Performance Analysis with Unisphere for VMAX
- Performance Analysis of VMAX3 Front-end Directors
- Performance Analysis of VMAX3 Cache
- Performance Analysis of VMAX3 Backend Directors
- Performance Considerations for SRDF and TimeFinder SnapVX

VMAX3 Security Concepts (15%)
- VMAX3 System Security
- Data At Rest Encryption
- Authentication and Authorization
- Host-based Access Controls

VMAX3 Multi-site SRDF Solutions (15%)
- Overview of VMAX3 multi-site SRDF Solutions
- Concurrent and Cascaded SRDF Solutions
- Technologies supporting SRDF/Star
- SRDF/Star configurations
- SRDF/Star operations in Concurrent and Cascaded Modes

Duration
90 Minutes
 (60 Questions)

Pass Score: 60

Practice Test
Exam - E20-807

Dell EMC
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

VMAX3 SRDF Metro Solutions (10%)
- Overview and benefits of SRDF/Metro
- SRDF/Metro Theory of Operations
- Configuration and management of SRDF/Metro

VMAX3 FAST.X Solutions (15%)
- FAST.X Concepts, Architecture and Benefits
- Connectivity
- eDisk Management
- Use Cases

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

Recommended Training

The following curriculum is recommended for candidates preparing to take this exam.

Please complete all of the following courses

Course Title	Course Number	Mode	Available
VMAX3 Security Concepts	MR-1WP-VMAX3SEC	eLearning	3/9/16
VMAX3 FAST.X Solutions	MR-1WP-VMAX3FASTX	eLearning	4/11/16
VMAX3 Multi-site SRDF Solutions	MR-1WP-SRDFMULTI	eLearning	4/11/16
VMAX3 SRDF Metro Solutions	MR-1WP-SRDFMETRO	eLearning	4/11/16

Please complete one of the following courses

Course Title	Course Number	Mode	Available
VMAX3 Performance Workshop	MR-1CP-VMAX3PW	Instructor-Led	4/1/16
VMAX3 Performance Workshop – Online ILT	MR-1LP-VMAX3PW	Online ILT	4/1/16
VMAX3 Performance Workshop – Video ILT	MR-1TP-VMAX3PW-1610	Video ILT	11/15/16

Note: These exam description details reflect contents as of **May 06, 2016.**

The Proven Professional Program periodically updates exams to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.