QUESTION 1
What is a benefit of using Time Finder Snap VX?
A. Orphaned snapshots
B. No logical volume number is used
C. Fan-in for efficiency
D. High impact point-in-time copies
Correct Answer: D
Section: (none)
Explanation/Reference:

QUESTION 2
What is the maximum distance from System Bay 1 that a dual engine bay can be dispersed in a VMAX3 array configurations?
A. 15 meters
B. 20 meters
C. 25 meters
D. 30 meters
Correct Answer: C
Section: (none)
Explanation/Reference:

QUESTION 3
What is the maximum number of standard storage bays that can be part of a VMAX 20K or 40K?
A. 6
B. 8
QUESTION 4
What is the maximum number of drives supported by a VMAX 20K and 40K high density storage bay?
A. 120
B. 200
C. 240
D. 400
Correct Answer: D

QUESTION 5
Which directory is used on the user laptop, in which the SymmWin script file "CreateProc.smp" is copied into, to install the Symmetrix Procedure Generator?
A. symmwin\user
B. symmwin\bin
C. symm win\newcode
D. symmwin\scripts
Correct Answer: B

QUESTION 6
What is used for vaulting on a VMAX3?
A. Flash 1/0 Modules
B. 900 GB 15K disks
QUESTION 7
Which component of a 60-drive DAE can the VMAX3 array back-end module of a given director be cabled?
A. LCC
B. MIBE
C. ICM
D. SIB
Correct Answer: A Section: (none) Explanation

QUESTION 8
On a VMAX 10K (987), which DAEs support daisy chaining?
A. 1, 2, 3 and 4
B. 1, 2, 5 and 6
C. 3, 4, 7 and 8 D. 5, 6, 7 and 8
Correct Answer: D Section: (none) Explanation

QUESTION 9
Which VMAX3 system bay component uses violet color-coded cables?
A. InfiniBand Fabric Switch B
B. Ethernet Switch B
C. Ethernet Switch A
QUESTION 10

What accurately describes the planning and configuration considerations for Flash drives in a VMAX environment?

A. Spares do not count towards the minimum number of HDD spares
B. Flash drive spares count towards the minimum number of HDD spares
C. Sparing is not supported using Flash drives
D. A minimum of two spares for 1 to 32 Flash drives, per drive type

Correct Answer: A

EXPLANATION:

QUESTION 11

What is the normal status of an R2 device on a VMAX3?

A. Not Ready
B. Split
C. Read/Write
D. Write Disabled

Correct Answer: C

EXPLANATION:

QUESTION 12

A VMAX3 running HYPERMAX OS has several internal emulations. Which functions will the IM emulation perform?

A. Manage and monitor internal memory
B. Manage communications between the back-end and front-end
C. Execute infrastructure tasks
D. Internally manage SRP resources

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 13
Which method is used to gather STP data from a VMAX3?
A. Navisphere
B. SymmWinn
C. vAPP Manager
D. Solutions Enabler

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 14
A customer wants to create a large number of Time Finder Snap VX snapshot sessions that will be host accessible. However, they are concerned about the remaining space in their Storage Resource Pool. Which type of link should be created?
A. Undefined
B. Copy
C. Defined
D. No Copy

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 15
Which VMAX3 model(s) has a maximum cache, per engine, of 2 TB and supports a maximum of 28802.5" drives?
A. VMAX 100K
B. VMAX 200K only
C. VMAX 200K and VMAX 400K
D. VMAX 400K only

Correct Answer: C

Section: (none)

Explanation/Reference: QUESTION 16

Which Time Finder Snap VX feature provides for the automatic termination of a snapshot?

A. Time to Terminate
B. Time to Expire
C. Auto Snap Terminate
D. Time to Live

Correct Answer: D

Section: (none)

Explanation/Reference:

QUESTION 17

On a VMAX3, how many different user roles are available when using user-based authorization?

A. 4
B. 6
C. 7
D. 9

Correct Answer: A

Section: (none)

Explanation/Reference:

QUESTION 18

Which VMAX model can have up to eight engines (1 or 2 system bays), 3200 drives (2.5"), 4 PBu capacity, 2 TB cache, and 128 ports?

A. 20K
B. 40K
C. 200K
QUESTION 19
When can D@RE be enabled on a VMAX 20K?
A. Any time with a bin file change
B. During an FE 1/0 module upgrade
C. At installation with the 'Configure and Install New' script
D. When Engines 1-3 or 6-8 are added
Correct Answer: C

QUESTION 20
You are working on a VMAX dual engine system bay that includes three SPS trays. Which system bay number(s) will support this SPS configuration?
A. System Bay 1 only
B. System Bays 1-4
C. System Bay 2 only
D. System Bay 4 only
Correct Answer: A

QUESTION 21
What will support the SRDF/A Multi-Cycle mode when multiple SRDF/A cycles are created on the RI side?
A. VMAX3 source and VMAX target
B. DMX source and VMAX3 target
C. VMAX3 source and VMAX3 target
**QUESTION 22**

How many CPU cores are found in a fully populated 8-engine VMAX3 array?

A. 128  
B. 192  
C. 256  
D. 384  

**Correct Answer: D**

**Explanation/Reference:**

**QUESTION 23**

What is the maximum number of front-end ports for host connectivity in a VMAX 100K?

A. 32  
B. 64  
C. 128  
D. 256  

**Correct Answer: D**

**Explanation/Reference:**

**QUESTION 24**

Which two types of DAEs are available in all system bays of a VMAX3 family array?

A. 9-drive DAE and 15-drive DAE  
B. 12-drive DAE and 15-drive DAE  
C. 15-drive DAE and 25-drive DAE
D. 60-drive DAE and 120-drive DAE

Correct Answer: D Section: (none)Explanation

Explanation/Reference:

QUESTION 25

Based on the exhibit, what does the highlighted component in the high density VMAX 10K file system represent?

A. Control Stations
B. Uninterruptible Power Supply
C. InfiniBand Switches
D. MIBEs

Correct Answer: D Section: (none)Explanation

Explanation/Reference:

QUESTION 26

When connecting to a VMAX3 system from the POS Work Tray located in System Bay 2, what is the correct IP address for the field service laptop?

A. Use DHCP
B. 172.2.255.110
C. 172.16.255.110
D. 172.17.255.110

Correct Answer: A Section: (none)Explanation

Explanation/Reference:

QUESTION 27

Which VMAX3 task is performed by the "Verify VMAX Setup" script?

A. Configure the installed software
B. Load drives per order
C. Load LCC firmware
QUESTION 28
When logging into a VMAX3 array, which management GUI will be automatically logged into when the CE credentials are provided from the SSC login?

A. VMAX Manager
B. Uni sphere for VMAX
C. Simplified Symm Win
D. Symm Win

Correct Answer: B

QUESTION 29
Which SRDF mode uses both SRDF and Time Finder to provide a periodic asynchronous remote replication of a restart able image for a Microsoft Windows host?

A. SRDF/CG
B. SRDF/A
C. SRDF/S
D. SRDF/AR

Correct Answer: B

QUESTION 30
What is the SPS hold-up time limitation in minutes?

A. 1
B. 2
QUESTION 31
Which tool can be used to beacon the light bar on a VMAX3?

A. SMC Symm Win
B. Unisphere for VMAX SymmWin
C. Unisphere for VMAX Solutions Enabler
D. SMC Solutions Enabler

Correct Answer: D

QUESTION 32
If a VMAX3 System Bay 1 can have two additional standby power supplies located at the bottom of the cabinet, when would they be needed?

A. When adding additional DAEs
B. When a third system bay is added
C. When more than one engine is installed
D. When using the work tray in System Bays 2-8

Correct Answer: A

QUESTION 33
You are inspecting a VMAX3 at a customer site. Which physical component will differentiate a VMAX 400K from other VMAX models?

A. Dual 12-port InfiniBand fabric switches
B. Dual 18-port InfiniBand fabric switches
C. Dual Ethernet switches
D. Dual MMCS

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 34
A customer wants to configure SRDF between two VMAX3 arrays and one VMAX2 array. They have a growing number of applications and want to separate each application into its own SRDF group. What is the maximum number of SRDF groups this configuration will support when connecting to the VMAX2?
A. 64
B. 122
C. 184
D. 250

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 35
You are working on a VMAX family array with a 5/N Identifier of x987. Based on the 5/N Identifier given, what is the array model?
A. 10K
B. 40K
C. 100K
D. 200K

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 36
In a VMAX3 bay configured with only one engine, to which component(s) does SPS 3A/3B supply power?
A. InfiniBand switches
B. Engine only
C. Engine and Fabric
D. Fabric only

Correct Answer: B  Section: (none) Explanation

Explanation/Reference:

QUESTION 37

You are performing a spare replacement script after the EMC Certified Data Erasure feature has completed. However, the erasure was not successful. What should be performed next?

A. Use a Data Erase Appliance to erase the drive
B. Perform a selective VTOC on the drive
C. Retry the EMC Certified Data Erasure script again
D. Give the failed disk to the customer

Correct Answer: B  Section: (none) Explanation

Explanation/Reference:

QUESTION 38

A customer needs to back up data from an EMC VMAX3 to a Data Domain system. What is the most efficient EMC product that meets this requirement?

A. Avamar
B. Net Worker
C. Recover Point
D. Protect Point

Correct Answer: D  Section: (none) Explanation

Explanation/Reference:

QUESTION 39

What is the maximum number of linked targets, per source, allowed with Time Finder Snap VX?
QUESTION 40
What is the purpose of the blue triangles located on PDU-A and PDU-8 on the VMAX3 array shown in the exhibit?

A. Master power breaker for the given PDU
B. Color coding
C. Separate the two PDUs
D. Lock/Unlock the PDU from the rack

Correct Answer: A

QUESTION 41
You have selected to run an MMCS-1 replacement from MMCS-2. What will happen to MMCS-2 when "run" the MMCS-1 replacement task is clicked?

A. Secondary MMCS-2 becomes the Primary MMCS-2
B. Secondary MMCS-2 becomes the Elevated Secondary MMCS-2
C. Secondary MMCS-2 becomes the Elevated Primary MMCS-2
D. MMCS-1 becomes the Elevated Primary MMCS-1

Correct Answer: A

QUESTION 42
What is the maximum host device size on a VMAX3?
A. 5TB
B. 8TB
C. 16 TB
D. 32 TB
Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 43
Which SRDF recovery option allows for the transfer of invalid tracks to the source (R1) devices while production continues to the target (R2) devices?
A. Establish
B. Failover
C. Failback
D. Update
Correct Answer: A Section: (none)Explanation

Explanation/Reference:

QUESTION 44
If you have added drive enclosures to a VMAX storage bay bringing the total to 16, how many standby power supplies are required?
A. 4
B. 8
C. 12
D. 16
Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 45
In a VMAX3, which type of CPU meets an EMC pre-determined Service Level Objective?

A. AMD Turion II
B. Intel Ivy Bridge
C. Intel Celeron
D. Intel Sandy Bridge

Correct Answer: B

Explanation/Reference:

QUESTION 46

You are connected to a VMAX or VMAX3 system using Simplified SymmWin. Where in the GUI do you navigate to in order to conduct a FRU?

A. Replacements Log View Block
B. Tasks View Block
C. Bad FRUs Tab
D. FRU Procedure Wizard

Correct Answer: A

Explanation/Reference:

QUESTION 47

When servicing a dispersed VMAX3 array, what is the available connection option other than the KVM located in System Bay 1?

A. KVM located in System Bay 4
B. Point Service Work Tray
C. Connection into the Infini Band fabric
D. Connection to Port 4 of Ethernet Switch A

Correct Answer: C

Explanation/Reference:

QUESTION 48

Which task is performed on a VMAX 40K when running the "Configure and Install New" script?
A. Configure the installed software
B. Configure the SRP
C. Verify MMCS connectivity
D. Load the license file

Correct Answer: D

Explanation/Reference:

QUESTION 49

DRAG DROP A customer has a 2-engine VMAX 40K and has purchased a 4-engine upgrade. What is the correct sequence of steps in which the new engines should be added?

A.
B.
C.
D.

Correct Answer: Section: (none) Explanation

Explanation/Reference:

QUESTION 50

DRAG DROP What is the correct sequence of steps for VMAX3 HYPER MAX OS FAST write operations?

A.
B.
C.
D.

Correct Answer: Section: (none) Explanation

Explanation/Reference:

QUESTION 51

Which power zone, outlet, and breaker is responsible for supplying power to the KVM on a VMAX3
QUESTION 52

What is the maximum number of storage bays configurable on a 4-engine VMAX 40K density configuration?

A. 2
B. 4
C. 6
D. 8

Correct Answer: B Section: (none)Explanation

QUESTION 53

Based on the exhibit, which VMAX model will have the sequence of power transmission?

A. 10K
B. 20K
C. 100K
D. 200K

Correct Answer: B Section: (none)Explanation

QUESTION 54
What is the load limit when the fork set is attached directly to the Alum-a-lift lower mast assemble?

A. 115 lbs
B. 150 lbs
C. 225 lbs
D. 400 lbs

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 55
Immediately after powering on a VMAX installation, you notice that a DAE ID is incorrectly set. Which action can be used to correctly set the DAE ID?

A. Reset the DAE ID and power cycle the storage bay
B. DAE ID can be reset by selecting the correct ID
C. Reset the DAE ID and reseat the cables connected to the DAE
D. Reset the DAE ID and power cycle the engine in which the DAE is attached

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 56
Which application must be installed before launching the VMAX family System Viewer?

A. Adobe AIR
B. Adobe Acrobat
C. Symmetrix Procedure Generator
D. Latest Java

Correct Answer: A Section: (none) Explanation

Explanation/Reference: QUESTION 57
Which director emulation consolidates various Enginuity functions for easier and more scalable feature additions?
A. Enginuity Data Services
B. Front-end Emulation
C. Back-end Emulation
D. Infrastructure Manager

Correct Answer: A

Explanation/Reference:

QUESTION 58
In a VMAX3, what is the minimum number of DAEs required for RAID 6 (14+2) protection?
A. 1
B. 2
C. 4
D. 8

Correct Answer: C

Explanation/Reference:

QUESTION 59
What is an advantage of using Time Finder Snap VX over legacy Time Finder?
A. Point-in-time snapshots
B. Full volume copies
C. Restore capabilities
D. Target less snapshots

Correct Answer: A

Explanation/Reference:

QUESTION 60
On a VMAX3, how many 1/0 module slots are available per director?
A. 10
QUESTION 61

A customer has a VMAX with six engines and wants to add two additional engines. Which engines should be added next and in which order?

A. 1 then 8  
B. 2 then 7  
C. 7 then 2  
D. 8 then 1  

Correct Answer: A  

Explanation/Reference:

QUESTION 62

What accurately describes the Director 1 boot drive in a VMAX3?

A. Can be replaced while the director is on line  
B. 10 GB in size  
C. EEPROM  
D. Installed on the director and is not removable  

Correct Answer: A  

Explanation/Reference:

QUESTION 63

To obtain credentials for logging into a VMAX family array, which website must be logged into first?

A. Credential Manager
B. EMC Support
C. Central Manager
D. SolVE Desktop

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 64

Which VMAX family model uses the S/N Identifier 'x972'?

A. 10K File
B. 100K
C. 200K
D. 400K

Correct Answer: D Section: (none) Explanation

Explanation/Reference: