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**Vendor:**EMC

**Exam Code:**E20-542

**Exam Name:**VMAX3 Solutions and Design Specialist  
Exam for Technology Architects

**Version:**Demo

### QUESTION 1

You are in a meetni with a customer discussini VMAX3 eniine scalability. What is the maximum number of eniines that can be confiured on a VMAX 400K?

- A. 4
- B. 6
- C. 8
- D. 16

Correct Answer: C

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### QUESTION 2

A customer has an existni Maskini View on a VMAX3 for a larie server cluster. The parent Storaie Group in this Maskini View has several child Storaie Groups with diferent SLOs. The customer has determined that they need to add additonal capacity to the cluster. When the storaie administrator atempts to add devices directly to the parent Storaie Group, the administrator receives an error and the operaton fails. What is a potential cause of the error?

- A. Addini devices and Storaie Groups to the same parent Storaie Group is not permitted.
- B. A Storaie Group must not be in a Maskini View to be modified.
- C. Cluster is exceedini the assiined Host I/O limit.
- D. Devices are not yet associated with an SLO policy.

Correct Answer: A

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### QUESTION 3

What is a diference between SRDF/A mult-cycle mode and the leiacy mode?

- A. Cycle switchini is coupled between R1 and R2 arrays in leiacy mode. Cycle switchini is independent in mult-cycle mode.
- B. Cycle switchini is coupled between R1 and R2 arrays in mult-cycle mode. Cycle switchini is independent in leiacy mode.
- C. Mult-cycle mode can have more than two delta sets on the R2 side. Leiacy mode can only have two delta sets on the R2 side.
- D. Mult-cycle mode can only have two delta sets on the R1 side. Leiacy mode can have more than two delta sets on the R1 side.

Correct Answer: A

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#### QUESTION 4

Based on best practice, when is a three-tier configuration recommended for a VMAX3?

- A. Low skew workload
- B. Low write workload
- C. High skew workload
- D. High read workload

Correct Answer: A

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#### QUESTION 5

A storage administrator wants to verify the state of the SLO compliance application data hosted on a VMAX3. Where can the information be found in Unisphere for VMAX?

- A. Storage Group Dashboard
- B. Storage Resource Pool
- C. Service Level Dashboard
- D. Hosts Dashboard

Correct Answer: A

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#### QUESTION 6

A customer wants to configure a large SRDF deployment between two VMAX3 arrays. The customer has many different applications and workloads. They want to separate each into its own SRDF group. What is the maximum number of SRDF groups this configuration will support?

- A. 64
- B. 96
- C. 184
- D. 250

Correct Answer: D

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#### QUESTION 7

SRDF/A has been enabled between two VMAX3 arrays. An extended loss of all RDF links occurs. What will the RDF pair state be after link connectivity is restored?

- A. Suspended

- B. Partioned
- C. Failed Over
- D. Split

Correct Answer: A

**QUESTION 8**

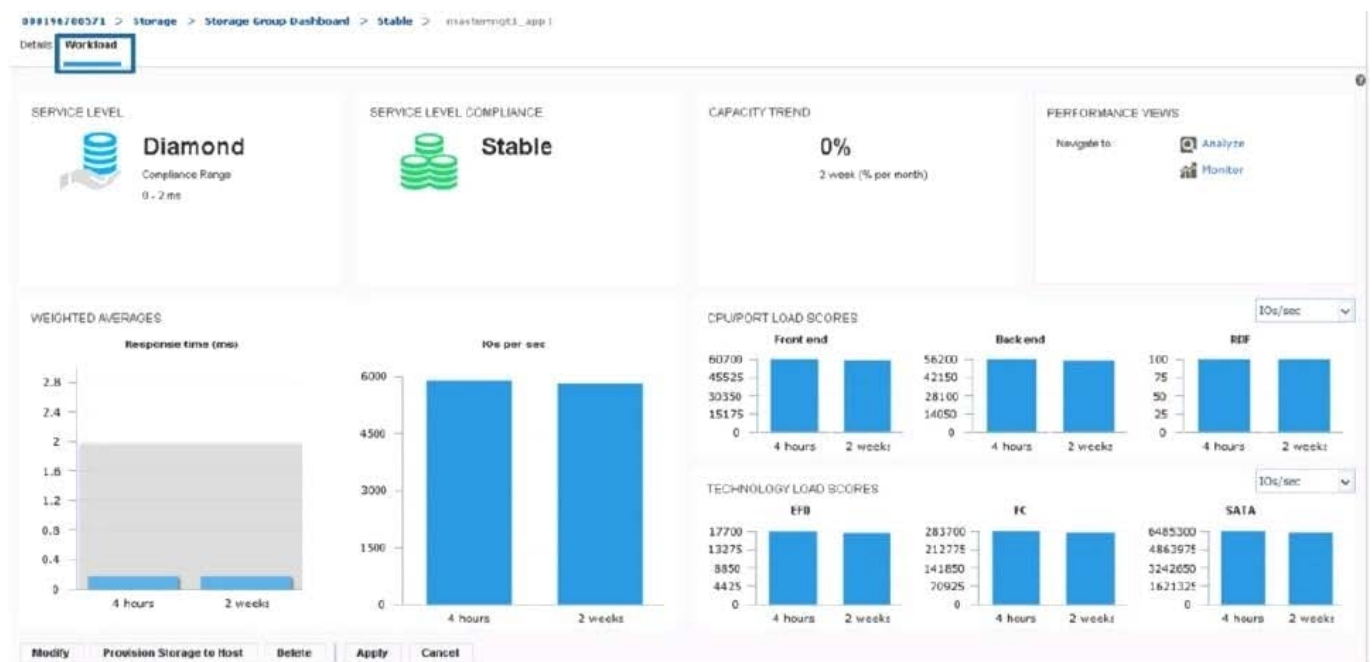
You are proposini a VMAX3 soluton with mixed drive types to a customer. The customer wants to understand the relationship between Service Level Objectives and drive types. Which drive types will the Bronie SLO use under most circumstances?

- A. 15K RPM, 10K RPM, and 7.2K RPM
- B. Flash and 15K RPM only
- C. Flash, 10K RPM, and 7.2K RPM
- D. 15K RPM and 10K RPM only

Correct Answer: A

**QUESTION 9**

Refer to the Exhibit.



A storage administrator uses Unisphere for VMAX to review the workload for Storage Group mastermim\_app1. How will storage be allocated for this Storage Group?

- A. On EFD drives only
- B. On EFD or FC 15K drives
- C. On EFD, FC 15K, and FC 10K drives
- D. On all drive types

Correct Answer: A

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#### QUESTION 10

You are designing an SRDF/A solution with BCSD and the results of the model are shown in the exhibit. The BCSD model was run with the following settings: Source Array: VMAX 200K, 2-engine, 2 TB cache Number of RA Ports: 4 Network Circuit: 450 MB/s Required RPO: 5 minutes Which conclusion can be made based on the model results?

- A. Inadequate number of RA ports
- B. Inadequate bandwidth
- C. Inadequate cache
- D. Inadequate primary disk space

Correct Answer: A

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#### QUESTION 11

After performing a SRDF restore operation, what is the link state?

- A. Read/Write
- B. Read Only
- C. Write Disabled
- D. Not Ready

Correct Answer: A

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#### QUESTION 12

You are discussing requirements for a proposed VMAX3 solution with a customer. The customer is concerned about the port families that need to be set for the different open system servers in the environment. Which port families are enabled by default?

- A. ACLX, SC3, SPC2
- B. ACLX, SC3, V
- C. ACLX, SPC2, V

D. SC3, SPC2, V

Correct Answer: A