

QUESTIONS & ANSWERS

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VMWare

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VMware vSAN 6.7 Specialist Exam 2019

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Answer: A

Question: 179

A vSAN 5-node cluster has two sets of VMs, each associated with a separate storage policy.

– Group A (Storage Policy: FTT=0)

– Group B (Storage Policy: FTT=2)

What are two possible results when two hosts in the vSAN cluster fail permanently? (Choose two.)

A. VMs in Group B will become inaccessible if a third host permanently fails.

B. vSAN will rebuild data associated with Group A.

C. VMs in Group A might experience data inaccessibility.

D. VMs in Group B might experience data loss.

E. A host can be put into maintenance mode without impacting VMs in either Group A or B.

Answer: C,D

Question: 180

What are two purposes of a vSAN storage policy? (Choose two.)

A . Determine how storage objects are provisioned

B . Determine vSAN encryption level

C . Guarantee the required level of service

D . Enable deduplication and compression

E . Enable TRIM/UNMAP

Answer: A,C

Question: 181

An all-flash vSAN cluster contains four nodes.

Which two storage policies can the cluster satisfy? (Choose two.)

A . FTT=2 (RAID-1 Mirroring)

B . FTT=2 (RAID-6 Erasure Coding)

C . FTT=1 (RAID-1 Mirroring)

D . FTT=1 (RAID-5 Erasure Coding)

E . FTT=3 (RAID-1 Mirroring)

Answer: A,C

Question: 182

In stretched clusters, what is a benefit of implementing a virtual witness rather than a physical witness?

- A . Reduced vSphere licensing
- B . Shared metadata between separate clusters
- C . Increased vSAN datastore capacity
- D . Increased compute for running VMs

Answer: A

Question: 183

In a 10-node hybrid vSAN cluster, each node has seven 4TB magnetic disks and one 2TB SSD.

What is the raw storage capacity of the vSAN datastore?

- A . 140TB
- B . 150TB
- C . 280 TB
- D . 300 TB

Answer: C

Question: 184

Refer to the exhibit.

	vSAN Node	vSAN Cluster
Nodes/Arrays Required	1	4
Capacity Disks	15	60
Flash Caching Devices	3	12
Disk Groups	3	12
Capacity disks per Disk Group	5	5
Total Raw Capacity (TB)	36	144
Total Usable Capacity (TB)	18	72
Total Flash Cache Capacity (TB)	1.2	3.6

Components	Qty	Details	Total
CPU	2	Intel "Xeon" Gold 6126 12C 125W 2.6GHz	2
MEM	4	ThinkSystem 32GB TruDDR4 2666 MHz (1Rx1.2V) RDIMM	128
Controller	1	ThinkSystem 430-8I SAS/SATA 12 Gb HBA	1
NIC	1	Intel Dual-Port 100Gbp/s	2
Flash Cache	3	ThinkSystem 2.5" HUSMM32 400GB Performance SAS 12GB Hot Swap SSD	1.2
Persistent Disk	15	ThinkSystem 2.5" 2.4TB 10K SAS 12GB Hot Swap 512e HDD	36

A solution architect is setting up a highly resilient vSAN hybrid cluster.

Why is the cache incorrectly sized in this configuration?

- A . Cache disk needs to meet vSAN Compatibility Guide
- B . Cache-to-capacity ratio needs to be sized lower
- C . Cache-to-capacity ratio needs to be sized higher
- D . Number of cache disks in disk group is insufficient.

Answer: D

Question: 185

The objects on a 4-node vSAN cluster are assigned a RAID-5 policy. A network outage occurs causing host one to lose connectivity with the rest of the cluster. Seventy-five minutes elapse.

What is the health state of the subjects?

- A . Reduced availability with no rebuild
- B . Reduced availability with no rebuild C delay timer
- C . Non-availability related in-compliance [non-compliance]
- D . Reduced availability

Answer: D

Question: 186

What is a benefit of using vSphere Distributed Switches in a vSAN network?

- A . Simplifies network abstraction
- B . Enables network redundancy
- C . Supports faster network adapters
- D . Provides the ability to adjust the MTU

Answer: D

Question: 187

An administrator is planning to deploy a new vSAN cluster with these requirements:

- Physical adapters will share capacity among several traffic types
- Guaranteed bandwidth for vSAN during bandwidth contention
- Enhanced security and performance

What must be considered when configuring the new vSAN cluster?

- A . Isolate traffic in a VLAN and utilize Network I/O Control
- B . Utilize IOPS Limit rules in storage policies
- C . Utilize jumbo frames with Network I/O Control
- D . Implement vSphere I/O filters

Answer: A

Question: 188

Which two vSAN Health Check items are included for vSphere Update Manager integration? (Choose two.)

- A . vSAN build recommendation
- B . vSAN object health
- C . Online health connectivity
- D . vSAN release catalog up-to-date
- E . Performance data collection

Answer: A,B

Question: 189

What is the purpose of slack space in vSAN?

- A . Increases overall vSAN capacity
- B . Allows for maintenance and failure operations
- C . Stores vSphere HA heartbeats

D . Provides vSAN analytic data

Answer: B

Question: 190

An administrator wishes to prevent notifications of vSAN Health status during a scheduled maintenance window.

What can be done to achieve this?

- A . Disable SNMP service
- B . Disable the performance service
- C . Run performance diagnostics prior scheduled maintenance
- D . Silence the alert from the HTML client

Answer: A

Question: 191

A 3-node vSAN cluster will take which two actions, when a drive is physically removed from vSAN node? (Choose two.)

- A . Marks all components on that device as absent
- B . Marks all components on that device as degraded
- C . Waits for the configured delay timer before rebuild
- D . Marks all components on that device as stale
- E . Starts component rebuild immediately

Answer: A,C

Question: 192

vCenter Server is offline.

What are two ways to check the health of a vSAN cluster? (Choose two.)

- A . ESXI system logs on vSAN datastore
- B . vSphere Host Client
- C . esxcli
- D . HCIBench
- E . esxtop

Answer: B,C

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