

H13-611

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Exam A

QUESTION 1

Which of the following options does not belong to the hardware components of IP SAN?



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- A. Ethernet connected devices
- B. iSCSI Host bus adapters
- C. Storage Device
- D. initiator Starter

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 2

Which of the sharing manners are Reliability Technology Cluster used in storing data? (Selected 3 answers)

- A. Mirror mode
- B. No sharing
- C. Full-sharing
- D. Manual mode

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

In the multipath environments of iSCSI link, for failover failures, which aspects will be usually diagnosed? (Selected 3 answers)

- A. Confirm the compatibility of open-iscsi and multipath
- B. Check Multipath Service started or not and Multipath module loading
- C. Check Controller Status, especially Peer controller
- D. Check the Parameter configuration of /etc/iscsi.conf document ConnFailTimeout=0

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

In the same case of IO environment and disk type, which of the following description of RAID5/RAID10 Performance Comparison is wrong?

- A. Space utilization: Raid5 is obviously better than Raid10
- B. Security: Raid5 is lower than Raid10
- C. When read the business which belongs to large files, the performance of Raid5 is obviously better than Raid10
- D. When read the business belongs to the Radom small IO, Raid5 is the best choice

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A control box of S5500 configured eight FC 300G and eight SATA 1T hard drives. Five FC 300G hard drives made RAID group 0, Five SATA 1TB hard drives made RAID group 1. Now, want to configure global hot spare disk for storage, in this case, how to configure it?

- A. A FC 300GB disk set to global hot spare disk B.
- A SATA 1TB disk set to global hot spare disk
- C. A FC 300GB disk and a SATA 1TB disk set to global hot spare disk, respectively.
- D. In this configuration, this device cannot configure global hot spare.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

LUN Dynamic expansion can expand LUN between different RAID group.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

For LUN copy function of storage array, the same LUN cannot be target LUN of multiple incremental LUN copy.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which basic functions can log analysis function of maintenance Assistant achieve? (Select 3 answers)

A. Log import

B. Log filter

C. Keyword Search

D. Information collection

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

In the process of SAN storage controller troubleshooting, before replacing the controller, in order to ensure that data is consistent, just make sure that LUN of belonging to controller can send IO when there is no host, don't have to do other operations.

A. True

B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 10

Multi-path software failover and failback process apply transparent to the host, to avoid the path failure between the host and array which led to the suspension of IO.



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A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which of the following opinions about storage system boot failure or abnormal problem diagnosis are correct?

- A. After the system is powered on, the control box is not normal boot within 15 minutes (system status indicator has been flashing orange), you can preliminarily determine the system fail to power on.
- B. When storage system is powered on, ISM cannot login successfully, you can determine the system boot failure.
- C. After the storage is powered on, the controller indicator light is red, you can determine the system boot failure
- D. After the system is powered on, login MML and executive sys status to check the system status. If the status of System Running Status is flash cache, you can determine the system boot failure.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 12

Synchronous remote replication connection between two storage array can use FC link or iSCSI link, and which can use the two kinds of links to connect at the same time.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Under HP-UX system, what command is used to check FC-HBA card WWN?

- A. fcinfo hba-port
- B. lscfg -pvl fcs0
- C. fcmsutil /dev/fcd0
- D. hbainfo

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

Which of the following opinions are correct? (Select 2 answers)

- A. In the process of disk array creating RAID group, it suggest that configure hot spare is the best.
- B. as long as the type of disk is the same as the RAID group member, which can do hot spare disk of RAID group
- C. reasonably choose different rotating speed of disk as the same RAID group can effectively improve the performance of the RAID group
- D. the same disk array can be configured in multiple hot spare disks

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Under AIX system, the method of checking initiator node name can through smitty deviceE.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

Which does not belong to HostAgent component?

- A. HyperManager server
- B. InbandAgent
- C. ConsistentAgent
- D. HyperManager client

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

The source LUN of storage array remote copy is 500GB, which of the following LUN can be used as the subordinate LUN of remote copy?

- A. 400G
- B. 500G
- C. 600G
- D. 700G



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Which of the following commands are scanning disk under AIX? (select 2 answers)

- A. lsdev
- B. lsdev -Cc disk
- C. cfgmgr -v
- D. cfgmgr -l iscsi0

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

To improve performance, hot zone should be distributed in traditional hard disk inside as far as possible, because access data is fast in disk inside.

A. True

B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

Which are the troubleshooting steps of fault diagnosis for iSCSI host link? (Select 3 Answers)

- A. check the indicator light of the host network ports, storage host port is normal or not
- B. checked whether there is any quality problem of network cable (replacement method)
- C. check the status of ISM interface iSCSI host port
- D. check whether the host can ping storage business IP and telnet port is successful or not, such as Telnet IP 3620

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

For storage array products, which may cause the failure of Incremental LUN copy?(Select 2 Answers)

- A. the source LUN writing strategy write-through
- B. target LUN writes policy write-back not mirror
- C. link failures
- D. there is insufficient space on the resource pool

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

During the following several kinds of optical fiber network topology, which topology network can extend equipment (nodes) up to?

- A. switching topology
- B. Point to point
- C. the arbitration ring
- D. hybrid networking



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Ext3 file system only support the maximum partition of size 2T.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 24**

The LUN copy technology is on the basic of SERVER-FREE.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 25**

Which are the advantages of the optical switching topology relative to point-to-point and the arbitration ring? (Select 3 Answers)

- A. Multiple points can communicate at the same time
- B. each node failure is independent, single node failure will not affect the other nodes
- C. devices share the bandwidth
- D. support multiple transmission rate at the same time

Correct Answer: ABC

Section: (none)

Explanation**Explanation/Reference:****QUESTION 26**

Two reliability of 80% device formed a parallel system, what is the reliability of the system?

- A. 64%
- B. 60%
- C. 80%

D. 96%

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Windows platform checking the status of network port is occupied by process can use the command netstat -nab

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 28

When Snapshot rolled back, the source LUN must map to the host to use it.

A. True

B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

If the LUN on the storage array created the virtual snapshot, under the condition of the source LUN data is deleted by mistake, what method can be used to restore data? (Select 2 Answers)

A. the snapshot of the source LUN rollback operation

- B. the snapshots of the source LUN map to host, recover it on the host side
- C. a snapshot of the source LUN activated operation
- D. a snapshot of the source LUN mirror operation

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Under AIX platform, what command is to check the host mounts all devices?



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- A. cfgmgr -v
- B. lspv
- C. lsdev -Cc disk
- D. rmdev -dl hdisk2

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Link bandwidth of Storage array remote replication data transmission is not adjusted.

- A. True
- B. False



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

In the storage array, which of the following situations would not lead to a snapshot fault?

- A. the source LUN in RAID group failure
- B. resource LUN in RAID group failure
- C. there is insufficient space on the resource pool
- D. the source LUN in RAID groups of relegation

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 33

The subordinate LUN's space of synchronous remote replication must be greater than or equal to the source LUN.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

UltraPath multipath software supports multiple network connection mode, and the most simple way of connecting method is directly connected network.

- A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

A set of S5500 write policy set to write-back, after a controller lapsed, LUN's write strategies will translate into through.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 36

Because of differences in the operating system itself, each of multi-path software has different compatible versions under the different operating systems, and even different versions of the same operating system, may have different multipath versions, so before installing the multipath software, need to query version supporting table, confirm the compatibility between multipath and OS, HBA card.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

SMI-s is initiated and led by SNIA (global network storage industry association), and is standard management interface which is commonly developed by a number of storage manufacturers.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Which of the following operation process of virtual snapshot about storage array is correct?

- A. create virtual snapshot - > create resource pool - > activate virtual snapshot - > virtual snapshot rolled back
- B. create virtual snapshot - > activate virtual snapshot - > create resource pool - > virtual snapshot rolled back
- C. create resource pool - > create virtual snapshot - > activate snapshot snapshot - > virtual snapshot rolled back
- D. None of the above is correct

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Under Linux, which are the basic principles of the dd command test performance tuning? (Select 3 Answers)

- A. read and write by bytes, collect performance data in an all-round way
- B. it suggest that setting up reading and writing block is from big to small
- C. in the process of reading and writing and performance testing, for IO influence factors, need to analysis, and find out the reason
- D. analysis from small to large, and analysis of the online business is more efficient at the same time

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

In the treatment of SAN storage system RAID failure, will often set the hot plate of system for free disk, mainly to avoid the system automatically start refactoring.



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- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 41

For the storage array products, which of the following reasons will cause full amount LUN copy fault? (Select 3 Answers)

- A. the source LUN failure
- B. target LUN failure
- C. link failures
- D. there is insufficient space on the resource pool

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

Cache mirroring technology means that data is written to a controller, at the same time, to which module will the data be written?

- A. to end controller mirroring Cache
- B. data safe
- C. the server Cache
- D. the hard disk cache

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

Mid-range storage products of OceanStor series own original dual-motor control technology, dual controllers both have same size and specifications of the Cache, which make the data has Cache on both local controller and remote controller, namely write Cache data of the two controllers can backup through mutual mirroring, to ensure the data security and integrity, improve the reliability of the write dat

- A.
- B. True
- C. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Which of the following methods and techniques are used in S5000T storage system to improve the performance? (Select 3 Answers)

- A. dynamic flow control
- B. smartcache technology
- C. Cache prefetching technique
- D. Cache mirroring technology

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which of the following opinions about S5000 version upgrade is wrong?

- A. The subsequent releases of both S5000V1R5 and S5000TV1R1 can achieve a smooth upgrade, no need to upgrade the intermediate version
- B. S5000TV1R1 upgrade to V1R5, need to upgrade to the V1R2 first, then upgrade to V1R5, directly from V1R1 upgrade to V1R5 may cause the DB loss, management port IP, log, license loss and other unusual problems
- C. before upgrade, need to backup the DB, system configuration information and system log
- D. before upgrade, don't have to check the version supporting table and manual of the version, because the system support version detection

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 46

RAID5 random write exist "punishment", which will influence the write performance, which of the following opinions are correct? (Select 3 Answers)

- A. "punishment" is the extra read operation, which is caused by accomplishing write operation of IO
- B. to complete an IO write operation, actually performed read and write operations for many times
- C. "punishment" in random write operations is the key factor of influencing the performance
- D. to complete an IO writes operation, actually perform read operation and write operation once

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

Which of the following reasons will cause remote replication fault between arrays?

- A. the relegation of main LUN's RAID groups
- B. copy link failures
- C. there is insufficient space on the resource pool
- D. failure of the subordinate LUN's RAID group

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

What command is used by Linux platform to check nic physical connection status and working mode?

- A. ifup ethX
- B. ethtool ethX
- C. ifconfig ethX
- D. more /etc/sysconfig/network/ethX



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Which of the following statements about IO size are correct? (Select 3 Answers)

- A. the amount of data size of deciding an IO request carries once
- B. every IO data logically is discontinuous
- C. IOPS decreases continuously with the increase of data blocks
- D. bandwidth value increases with the increase of data blocks, but the trend of increase is gradually slow, until leveled off

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

In the storage array system, when writing strategy is write-back, high and low water level is mainly to define high and low proportion of the Cache dirty data volume accounts for Cache capacity.



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A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 51

In creating remote copy, if the size of the source LUN is 500G, then in remote array, which of the following target LUN's capacity cannot be used for remote replication?
(Select 3 Answers)

A. 300G

B. 400G

C. 500G

D. 600G

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

The management mode of ISM integrated storage management software for storage array is the in-band management mode.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

For S5000T system, when read the prefetch strategy opens, the business read performance of order IO is higher than random IO.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

Compared with the traditional local storage and DAS storage, which of the following are main characteristics and advantages belong to modern new SAN array storage?(Select 3 Answers)

- A. Large capacity
- B. high performance
- C. good stability

D. don't focus on scalability

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

For common maintenance tools of storage array, which of the following description is wrong?

- A. information collection tool has the characteristics of graphical interface operation, run across the operating system, multi-language switch and free installation
- B. upgrade inspection tool has the characteristics of automatic judgment inspection items, reduce risk and reduce the skill requirements
- C. the business management function can realize the visual display device of the current topology connection status
- D. DHA service management refers to collecting the hard disk health data/performance data warehousing, support start-stop, set, export, comes back

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 56

In HostAgent scheme, HyperManager and ConsistentAgent communicate through FC link.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Under Solaris system, when configuration multipath, what command need to activate and boot the STMS function in all port?

- A. stmsboot -e
- B. stmsboot -u
- C. stmsboot -d
- D. stmsboot -L

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

S5000 full amount LUN copy must interrupt host S5000 source LUN data read and write operations.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 59

The problem of storage system configuration (DB) usually can be prevention through routine maintenance, which of the following measures can prevent system cannot recover when DB abnormal problems appear? (Select 2 Answers)

- A. after completion of system configuration, recommend backup DB, to prepare for tthe resumption of the system configuration
- B. recommend timely processing when the safe hard disk failure
- C. timely treatment after RAID group failure
- D. log preservation and archiving

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

If it spent 10s reading 100 100KB file and 0.1s reading a 10MB file, then how many times is the later transmission bandwidth by the former?

- A. 40188 times
- B. 1 time
- C. ten times
- D. 100 times

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



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