Vendor: EMC

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Exam Name: Backup Recovery Solutions Expert Exam for Technology Architects

Version: Demo

Question No : 1

An EMC NetWorker customer wants to add their new Microsoft SharePoint distributed farm to their backup environment. The farm contains three servers. One server contains the web front-end and the other two servers each contain two SQL databases.

How is the number of the client resources determined?

A. One resource for each server in the farm
B. One resource for each SQL database in the farm and one for the web front-end server
C. Only one resource for the entire farm
D. One resource for each SQL database in the farm

Answer: A

Question No : 2

A customer is planning to use EMC NetWorker integrated with Data Domain to backup their enterprise. Data Domain will be used to replicate backups to an offsite location to satisfy regulatory requirements. The customer is concerned about the difficulty in managing their backups and backup clones with two interfaces.

What could be done to simplify the management of backups and clones?

A. Configure DD Boost with NetWorker and use clone-controlled replication.
B. Configure pre and post scripts to handle the cloning.
C. Create one backup job for cloning and one additional job for local copies.
D. Create scripts to run through the CLI to handle daily cloning.

Answer: A

Question No : 3

While installing an EMC Avamar deduplication node in a NetWorker backup solution, the Microsoft Windows client backup jobs fail to run. Which process should be running on the client during the backup?

A. nsravtar

B. nsravamar
C. nsrim
D. nsrndmpsv

Answer: A

Question No : 4

A customer recently integrated EMC Avamar into their existing NetWorker datazone. After creating a deduplication client and defining the NetWorker deduplication node, the backup is started. However, the backup failed.

What must be done to perform a successful backup?

A. Create a local AFTD on the storage node to store deduplication metadata
B. Create an AFTD on the Avamar server to store deduplication metadata
C. Create an AFTD to store the deduplication indexes
D. Create an AFTD to store the additional bootstrap information

Answer: A

Question No : 5

You are planning an MS SQL backup solution for a customer using EMC NetWorker and NMM without a proxy client. Which user privilege must be configured on NetWorker?

A. Add the NMM client to the NetWorker Administrator user group
B. Add the NetWorker Administrator to the NMM remote user setting
C. Add the NMM client to the MS Windows administrators user group
D. Add the NMM client to the Operators user group

Answer: A

Question No : 6

An EMC customer is currently backing up their Microsoft Exchange database to an EMC Avamar server. The backups are setup to full on Friday, skip on Sunday, and only

transaction logs backed up the rest of the week. The customer would like to integrate Data Domain to Avamar and run the database backups to the Data Domain system.

If a Data Domain system is deployed on Sunday, which type of backup runs on the following Monday?

A. Full database backup
B. Transaction logs backup
C. Backups will be skipped
D. Level 1 backup of the database

Answer: A

Question No : 7

A customer has implemented EMC Data Domain Boost for Oracle RMAN software in their environment and are successfully backing up several Oracle servers. Backups are directed to a local Data Domain system and a second Data Domain system was configured at their disaster recovery site as a target for replication.

What needs to be done to create copies of the backup data on the remote system that are tracked and recoverable by RMAN?

A. Modify the RMAN script to include backup copies
B. Configure directory replication between the Data Domain systems
C. Configure Mtree replication between the Data Domain systems
D. Create a second RMAN script for the second Data Domain system

Answer: A

Question No : 8

A customer has an EMC Data Domain appliance that has reached 90% of maximum capacity. The customer does not want to purchase any additional storage.

What will increase the average available capacity of the Data Domain appliance?

A. Decrease the backup retention period

B. Decrease the cleaning frequency
C. Increase the snapshot expiration period
D. Increase the number of streams

Answer: B

Question No : 9

An EMC NetWorker customer has just started running backups of their new Microsoft SharePoint distributed farm. They are concerned that their web applications are not being backed up.

What can you tell the customer about backing up web applications?

A. Web applications are backed up with the corresponding content database
B. Add the web application name to the save set field for the client hosting the content database
C. Create a separate client resource for each web application
D. Web applications must be backed up with a file system backup method

Answer: A

Question No : 10

An existing EMC Data Domain customer wants to know the way to integrate Data Domain with RMAN to their tape library. How would this integration take place?

A. Use RMAN and Media Manager Layer to backup the application
B. Use RMAN with NFS to write to tape
C. Use RMAN with DD Boost to move data to the tape library
D. Use RMAN with dNFS to write to the tape library

Answer: A

Question No : 11

An EMC NetWorker customer has an 8 TB Oracle database. They want to know the most

efficient way to backup with NetWorker to Data Domain deduplication.

When integrating NetWorker with Data Domain, what is an Oracle best practice?

A. Limit the number of streams per channel to one
B. Limit the number of incremental backups
C. Use at least eight concurrent backups sessions
D. Use encryption and compression

Answer: A

Question No : 12

An EMC Avamar customer is using Avamar SQL Server Client to back up their numerous MS SQL databases. They want to always make full backups for new databases and non-full backups for existing ones.

What are the recommended backup options to achieve this task?

A. Force Full and Force Incremental
B. Force Full and Force Differential
C. Full and Incremental
D. Full and Differential

Answer: A

Question No : 13

An EMC NetWorker customer has a corporate requirement for secondary offsite backup to meet governmental regulations. What is the NetWorker disaster recovery best practice for client backups performed on a NetWorker deduplication node?

A. Replicate the deduplication node data and clone the NetWorker metadata
B. Create separate clone pools for deduplication nodes and the metadata device
C. NetWorker clone script must be used for all deduplication backups
D. NetWorker cannot clone the metadata

Answer: A

Question No : 14

A customer noticed that they have incorrectly configured their NetWorker Browse and Retention policies for all currently defined clients. This issue was discovered when a DPA report was e-mailed showing the amount of available space on their EMC Data Domain system.

The customer has made the necessary corrections to the Browse and Retention policies. They have manually deleted save sets that should have been expired based upon the new Browse and Retention times. After comparing the size of the index directory, prior to and after the modification, the customer noticed that the index directory decreased in size by several hundred GB. However, the available space on the Data Domain remained unchanged.

Although NetWorker has deleted the necessary indexes, why does the Data Domain available capacity remain the same?

A. Clients have deduplication references to the same data
B. Data Domain retention lock is active
C. NetWorker clean process was not run
D. NetWorker Data Domain device has automatic retention set

Answer: A

Question No : 15

You have been tasked with designing a backup solution using EMC NetWorker to backup a VMware environment. The environment will be using virtual NetWorker proxies to perform image-based backups. You will need to backup 36 virtual disks at a time in order to meet the backup window. The ESX hosts used in this environment are low-end and have a small amount of processing power.

What is the recommended way to configure NetWorker proxies to meet this design?

A. Create three NetWorker proxies on three ESX servers
B. Create three NetWorker proxies on one ESX server
C. Create six NetWorker proxies on one ESX server

D. Create two NetWorker proxies on two ESX servers

Answer: A

Question No : 16

An EMC Avamar customer regularly backs up their SharePoint distributed farm. They noticed that with the backup taken today, Avamar has listed the backup under a different farm name.

What is a possible cause?

A. Backup was started from another web front-end server
B. Web front-end server failed to discover the farm topology
C. More than the recommended number of streams was specified in the backup
D. One of the servers hosting a content database was not operational

Answer: A

Question No : 17

You are creating a backup solution for a VMware environment and will be using snapshot technology. You want to ensure that your solution follows best practices.

What is a consideration when designing this solution?

A. Ensure at least 20% free space exists on each datastore for snapshots
B. Ensure the backup server has access to the datastores where the virtual machines reside
C. Ensure the backup server has administrative privileges to the guest in order to create snapshots
D. Ensure each guest has a backup client installed on it to allow the creation of snapshots

Answer: A

Question No : 18

A customer with a full virtualized environment is protecting their virtual machines (VMs) with EMC NetWorker with VADP proxy host. Even though all the VMs are Microsoft Windows based OS with NTFS, it is not possible to browse the file for recovery.

What is the reason for this issue?

A. VADP_DISABLE_FLR is set to "Yes"
B. VADP_ENABLE_FLR is set to "No"
C. VADP_ENABLE_IMAGE is set to "Yes"
D. VADP_DISABLE_IMAGE is set to "No"

Answer: A

Question No : 19

A customer is configuring Oracle servers in their environment for the first time. They would like to use their existing EMC Avamar server to protect these new systems. They have asked you to explain the various point-in-time recovery modes.

When using the System Change Number recovery mode, how often is the System Change Number updated in Oracle?

A. After every transaction
B. After every hour
C. After every full backup
D. After every backup

Answer: A

Question No : 20

An Oracle customer has configured backups of five Oracle servers to their EMC NetWorker server. Over the past month they have been successfully performing hot backups using the NMDA module. Now, one of the databases has become corrupted and they would like to perform a point-in-time recovery of the database.

Which option needs to be included in their RMAN script to perform this action?

A. RECOVER
B. RESTORE
C. APPEND
D. NOCATALOG

Answer: A

Question No : 21

A customer has an EMC VNX series NAS and two Oracle database servers with 25 TB of data on each database. The customer is considering an Avamar/Data Domain backup solution.

What is the most efficient solution for this environment?

A. Backup the databases to the Data Domain and the NAS to the Avamar nodes
B. Backup the NAS to the Data Domain and the databases to the Avamar nodes
C. Backup the databases and the NAS to the Data Domain and setup Avamar to manage the schedules
D. Backup the NAS and the databases to Avamar nodes and setup Avamar to manage the schedules

Answer: A

Question No : 22

Click on the calculator icon in the upper left corner.

An EMC NetWorker customer is sizing a NetWorker storage node to backup to their newly purchased Data Domain system. The customer is projecting that a minimum of eight datastreams and a maximum of 40 datastreams will be sent to the Data Domain system.

Based on EMC best practice, at a minimum, how much memory should be available for the storage node?

A. 2 GB
B. 4 GB
C. 8 GB

D. 16 GB

Answer: C

Question No : 23

An EMC customer has a 10 TB Avamar system with two 10 TB integrated Data Domain systems. The customer is building a disaster recovery (DR) data center and would like to replicate all backups to the DR site.

Which setup would meet the requirements for data replication?

A. 5 TB Avamar system and two 10 TB Data Domain systems
B. 20 TB Avamar system and 20 TB Data Domain system
C. 40 TB Avamar system
D. 40 TB Data Domain system

Answer: B

Question No : 24

A customer has an EMC NetWorker and Avamar integrated datazone. The datazone consists of an Avamar server, an Avamar replication server, and a single NetWorker server. Backups, restores, and replication have been successful. The customer noticed that expired savesets are not being deleted from the Avamar replication server.

What would prevent the savesets from being removed from the Avamar system?

A. Destination directory name does not match the Avamar server name
B. Avamar HFS check has not run on the remote system
C. Media database crosscheck has not run
D. Avamar steady state has not been reached

Answer: A

Question No : 25

A customer has an EMC Celerra with one NFS share that contains five million files. The backup administrator is backing up the entire NAS using EMC NetWorker to a Linux storage node utilizing NDMP. The administrator is noticing that the restore performance is poor despite the good backup speed.

Based on the given situation, what can be done to address the poor restore performance?

A. Enable DAR during the backups
B. Increase the frequency of level 0 backups
C. Use VBB in the backup command
D. Use tar in the backup command

Answer: A

Question No : 26

You are designing an EMC NetWorker to Data Domain backup solution for a customer using DD Boost. The customer plans to configure an old server to use as a storage node.

Which factor, in the backup environment, affects the amount of memory that this server should have for optimal backup performance?

A. Number of simultaneous save streams
B. Amount of backup data
C. Number of backup clients
D. Size of the Data Domain system

Answer: A

Question No : 27

A customer had configured their EMC NetWorker environment to use Data Domain Boost, CIFS, and NFS protocols to back up their local environment. After analyzing the performance of each protocol, the decision was made to only use the DD Boost protocol.

The customer reconfigured the NetWorker clients to backup to the already configured Data Domain devices and disabled CIFS and NFS on the Data Domain. After scheduled backups were performed, all backups started to fail.

What must be done to perform a successful backup?

A. Enable NFS on the Data Domain system
B. Remove the CIFS/NFS shares connected to the storage node(s)
C. Enable CIFS on the Data Domain system
D. Remove the AFTD devices in NetWorker

Answer: A

Question No : 28

A company just converted its physical server environment to a virtual environment using vSphere 5. They have asked you to assist with creating a backup strategy for their virtual machines. One of the primary concerns for the company is that they are able to backup an entire virtual machine without installing any agents on it.

Which vSphere feature will provide this capability?

A. vStorage APIs for Data Protection
B. VMware Consolidated Backup
C. vStorage APIs for Array Integration
D. VMware Storage Integrator

Answer: A

Question No : 29

A customer recently implemented an EMC Data Domain into their existing NetWorker environment. Data Domain device types have been created to perform client backups. Backups have been working successfully with minimal failures.

The customer has received a restore request, through an internal customer, to restore a deleted file. After successfully locating the deleted file and initiating the restore, the restore fails.

What is a reason the restore is failing?

A. RO device is not mounted

B. RW device is too busy
C. RO device was not labeled
D. RW device is not mounted

Answer: A

Question No : 30

An EMC customer uses an Avamar server with an integrated Data Domain system at their data center to protect a number of Microsoft Exchange servers and Oracle databases. The customer also has several remote offices. Each remote office has a single node Avamar server backing up the local clients. All backups from the remote offices are replicated to the data center.

Following an acquisition, the company needs to add 10 new remote offices to its Avamar data protection solution. Three of these offices host Oracle databases with approximately 8 TB in size. All backup data from the remote sites need to be replicated to the primary data center while keeping the data traffic on the WAN to a minimum. They also want to maintain centralized management and reporting capabilities.

Based on EMC best practices, how can this be accomplished?

A. Deploy an Avamar server in every office and an integrated Data Domain system in each of the three remote offices with Oracle databases.
B. Deploy an Avamar server in every office, replicating to the central data center.
C. Deploy Avamar clients on every client to be protected, sending backup data to a central Avamar server.
D. Deploy an Avamar server in every office, and Accelerator nodes to back up the large databases to Data Domain systems at the primary data center.

Answer: A

Question No : 31

A customer has determined that they do not want to risk their EMC NetWorker temporary directory filling up when they backup their NDMP host. They have decided to relocate this directory. In addition, the customer has performed some data analysis and discovered that they will be backing up two million files of approximately 2K in size and 128 bytes in the name length.

Which NetWorker variable needs to be defined and how much space should be available for the NetWorker temporary directory?

A. NSR_NDMP_TMP_DIR; 544 MB
B. NSR_NDMP_TMP_DIR; 1088 MB
C. NSR_SHARED_DISK_DIR; 544 MB
D. NSR_SHARED_DISK_DIR; 1088 MB

Answer: B

Question No : 32

A new EMC Avamar customer has been backing up three Oracle databases successfully for the past several weeks. One of the databases has become corrupted and they would like to perform a point-in-time restore of the database.

To what point is recovery performed if the default point-in-time recovery mode is selected?

A. Most recent system change number
B. User-provided log sequence number
C. Most recent full backup
D. User-provided timestamp

Answer: A

Question No : 33

Click on the calculator icon in the upper left corner.

A customer has an EMC Celerra with 13 million files. The customer is using EMC NetWorker on Linux to run nightly full backups. If the average filename length is 64 bytes, what is the minimum /nsr/tmp size required?

A. 3856 MB
B. 4838 MB
C. 5408 MB
D. 7832 MB

Answer: C

Question No : 34

An EMC NetWorker customer needs to add their new Microsoft SharePoint standalone farm to their backup environment. They want to provide both operational and disaster recovery protection.

For disaster recovery purposes, what must be included in the backup plan?

A. At least one snapshot sent to conventional backup medium
B. At least two snapshots per day
C. Use of a VSS hardware provider
D. Client resource for every server in the farm

Answer: A

Question No : 35

An EMC customer is having an issue with a virtual proxy backup of a large file server. The datastore appears to be showing alerts in vCenter Management because the datastore is nearing capacity.

What is the recommended minimum amount of free space on the datastore?

A. 10%
B. 15%
C. 20%
D. 25%

Answer: C

Question No : 36

If multiple backup streams are written to a backup device at the same time, which feature is being used?

A. Server parallelism
B. Twinning
C. Multiplexing
D. Client parallelism

Answer: B

Question No : 37

You are designing an EMC NetWorker to Data Domain backup solution for a customer using DD Boost. The customer plans to configure an old server to use as a storage node for the Data Domain backups.

Which factor, in the backup environment, affects the amount of memory that this server should have for optimal backup performance?

A. Number of Data Domain devices
B. Amount of backup data
C. Number of backup clients
D. Size of the Data Domain system

Answer: A

Question No : 38

An EMC customer is planning to implement an Avamar solution to protect their Microsoft SQL databases. Each database has multiple filegroups. The customer requires the SQL databases to be recovered to a different server.

What will a redirected restore use to meet this requirement?

A. SQL backup format file
B. SQL transaction log file
C. Incremental SQL backup
D. Differential SQL backup

Answer: A

Question No : 39

Click on the calculator icon in the upper left corner.

A customer has an EMC Celerra with two 3 TB CIFS shares in their data center. The data center is equipped with 1 Gb TCP/IP network and 4 Gb SAN infrastructure. The customer has a requirement for full backups once a week and level 1 backups the remaining six days of the week.

Considering the customer has a Fiber Channel tape library with two LTO-3 tape drives that can write at a speed of 120 MB/s, which solution meets the customer's 8-hour backup window?

A. NetWorker and shared drives between the backup server and the Celerra
B. NetWorker with both drives zoned only to the Celerra
C. Add a Linux storage node with 10 Gb NIC and configure DSA backups
D. Allocate one tape drive to the backup server and one tape drive to the Celerra

Answer: A

Question No : 40

A customer has asked you to design a Microsoft Exchange backup solution. The Exchange environment includes both Exchange Server 2007 and 2010. EMC NetWorker Module for Microsoft is proposed.

What is the granularity of the backup solution?

A. Individual Exchange 2007 storage groups and Exchange 2010 databases
B. Individual Exchange 2007 databases and Exchange 2010 storage groups
C. Individual Exchange 2007 storage groups and Exchange 2010 storage groups
D. Individual Exchange 2007 mailboxes and Exchange 2010 storage databases

Answer: A

Question No : 41

A customer has a large ESX environment managed by one vCenter server. They want a backup solution using EMC NetWorker and Data Domain devices. They want to perform SAN-based backups using physical NetWorker proxy hosts. In addition, they want to run 150 virtual machine backups at the same time.

When creating a backup design for this environment, what is a vCenter consideration?

A. Reducing the amount of simultaneous image backups
B. Deploying three physical proxy hosts
C. Using DD Boost to increase the amount of virtual machines per proxy
D. Deploying two physical proxy hosts with DD Boost

Answer: A

Question No : 42

An EMC NetWorker customer has asked you to design a Microsoft SharePoint backup solution using NMM. The SharePoint environment is configured as a distributed farm consisting of two web front-end servers, three SQL database servers, and two query servers.

Which tasks need to be performed for recovery of a SharePoint object?

A. To recover the SharePoint content databasE
1. Start NMM recovery session from the web front-end server
2. Recover content database
B. To recover the SharePoint content database:
1. Start NMM recovery session from the SQL server
2. Recover content database and SharePoint configuration database
C. To recover the SharePoint web application:
1. Start NMM recovery session from the SQL server
2. Recover content database and C:\inetpub
D. To recover the SharePoint web application:
1. Start NMM recovery session from the web front-end server
2. Recover content database and SYSTEM COMPONENTS

Answer: A

Question No : 43

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An EMC NetWorker customer is evaluating NMSQL. They need to be able to perform filegroup level restores. Which type of restore operation achieves this required recovery?

A. Piecemeal
B. Tail-log
C. Copy
D. Normal

Answer: A

Question No : 44

An EMC customer has a large Microsoft SharePoint 2010 environment. The environment consists of three separate distributed farms with several web front-end and content database servers. An Avamar solution was deployed to protect this environment, backing up the SharePoint data to Data Domain Boost devices on the back-end. Backup data is replicated by Avamar to a disaster recovery site in another location.

The web front-end server in one of the farms where the front-end plug-in is installed experienced a disaster and all data on that server was lost. What needs to be done to ensure backups continue to run with minimal impact to operations?

A. Recover the failed web front-end server and restart the backup operations
B. Redirect new backup jobs to any surviving web front-end server
C. Install the front-end plug-in on another server, then restart the backup
D. Reconfigure the entire backup environment since the backup configuration was lost

Answer: A

Question No : 45

A customer has EMC NetWorker integrated with Data Domain. They noticed that they have incorrectly configured their NetWorker Browse and Retention policies for all currently defined clients. This issue was discovered when a DPA report was e-mailed showing the amount of available space on their EMC Data Domain system.

The customer has made the necessary corrections to the Browse and Retention policies. They have manually deleted save sets that should have been expired based upon the new Browse and Retention times. After comparing the size of the index directory, prior to and

after the modification, the customer noticed that the index directory decreased in size by several hundred GB. However, the available space on the Data Domain remained unchanged.

Although NetWorker has deleted the necessary indexes, why does the Data Domain available capacity remain the same?

A. Data Domain clean process was not run
B. Data Domain retention lock is active
C. NetWorker clean process was not run
D. NetWorker Data Domain device has automatic retention set

Answer: A

Question No : 46

An EMC customer wants to backup their NAS device. The NAS device does not support token-based backups. When creating an NDMP backup schedule in EMC NetWorker, which backup levels are supported?

A. Full and differentials 1-9
B. Full and incremental
C. Full
D. Full, incremental, and differentials 1-9

Answer: A

Question No : 47

An EMC Avamar customer wants to determine when the Samba credentials get passed during an Avamar 6.0 file-level restore. At which point are the credentials passed?

A. After the CIFS share is exported from Avamar
B. After the CIFS share is mounted
C. Before the AvFS is enabled to browse files within Avamar
D. After the proxy starts the browse and restore operations

Answer: A

Question No : 48

You have been assigned to resolve a customer's EMC VNX file-level backup design issue. They are using EMC NetWorker with Data Domain as a LAN backup device. The IT infrastructure consists of LAN and SAN components.

Which solution provides the least amount of traffic over the production LAN and SAN?

A. Local backup with an NDMP tape server directly attached to a Data Domain VTL
B. Local backup to the same VNX, then migrate it to a physically attached library
C. Three-way backup to the Data Domain with a dedicated storage node
D. Copy the data to the SAN segment, then backup to the Data Domain

Answer: A

Question No : 49

An existing EMC NetWorker customer has already integrated an EMC Avamar server with NetWorker. They have tried to backup their clients to the deduplication node. However, a message occurs stating that the backup session is waiting for a writable volume.

What is the possible cause for this message?

A. Dedicated AFTD was not created
B. Client license is not installed
C. Base Enabler has expired
D. Avamar maintenance window is currently running

Answer: A

Question No : 50

An EMC NetWorker customer has asked you to design a Microsoft SharePoint backup solution using NMM. The SharePoint environment is configured as a distributed farm consisting of two web front-end servers, three SQL database servers, and two query servers.

Which tasks need to be performed to backup the SharePoint distributed farm?

A. Install NMM software on all servers

Register SharePoint Services Writer on both web front-end servers

Assign all servers to one NetWorker Group

B. Install NMM software on the SQL database servers only

Register SharePoint Services Writer on all SQL database servers

Assign all SQL database servers to one NetWorker Group

C. Install NMM software on both web front-end servers

Register SharePoint Services Writer on all both web front-end servers

Assign both web front-end servers to one NetWorker Group

D. Install NMM software on all servers

Register SharePoint Services Writer on one web front-end server

Assign all servers to one NetWorker Group

Answer: A

Question No : 51

An EMC NetWorker customer has added a NetWorker deduplication node to their existing NetWorker environment. They have set up offsite cloning of all metadata. In addition, they have setup replication to an offsite Avamar at their disaster recovery site.

The customer would like a review to assist in setting up the most efficient use of their existing storage. Which steps are needed?

A. Review client change rates, retention periods, and data types

B. Review all client logs and schedules

C. Review all error messages in NetWorker to see the clients' status

D. Review and reduce the amount of full backups occurring

Answer: A

Question No : 52

A customer is using an EMC NetWorker server and NMSQL on all SQL servers. They would like to use Data Domain as a backup device for the databases and special dump logs.

What is the recommended way to integrate Data Domain in the SQL backup environment?

A. DD Boost for the databases and CIFS share for the special dump logs
B. DD Boost for the databases and the special dump logs
C. CIFS share for the databases and the special dump logs
D. CIFS share for the databases and DD Boost for the special dump logs

Answer: A

Question No : 53

An EMC customer is currently using NetWorker, Data Domain configured as an NDMP tape server, and VNX. The Data Domain and the VNX both have supported HBAs. The customer configured the NDMP backup in NetWorker and has noticed that the data is not traversing over the HBA cards. Rather, the data is being set over the LAN.

Why is the backup data being backed up over the LAN directly to the Data Domain system?

A. VTL does not require a Fibre Channel HBA
B. DD VTL license is not installed and enabled
C. LAN speed is faster than the SAN speed
D. SAN zone is not properly configured

Answer: A

Question No : 54

An EMC customer is building a backup and recovery solution for their Microsoft SharePoint environment. The solution being considered involves using Avamar to back up a SharePoint distributed farm. The farm has two web front-end servers and three content databases.

According to EMC best practices, how many front-end Avamar VSS plug-ins should be installed to support this environment?

A. 1
B. 2
C. 3
D. 5

Answer: A

Question No : 55

A company just converted its physical server environment to a virtual environment using vSphere 5. They have asked you to assist with creating a backup strategy for their virtual machines. The company wants to perform file level backups of their virtual machines without installing backup agents on them.

Which vSphere feature will provide this capability?

A. vStorage APIs for Data Protection
B. VMware Consolidated Backup
C. vStorage APIs for Array Integration
D. VMware Storage Integrator

Answer: A

Question No : 56

An EMC NetWorker customer is backing up several different applications to Data Domain devices in their production data center. They want to replicate their daily sensitive database backups to another Data Domain system located in their disaster recovery data center. Both data centers are linked with only a 10 Mb link.

Based on EMC best practice, which type of replication should be used?

A. Clone-controlled
B. Directory
C. Collection
D. Archive

Answer: A

Question No : 57

A customer has an EMC VNX Series NAS with seven million files on an NFS share and two million files on a CIFS share. The customer is looking for a way to protect their data against data loss.

Which backup method is most cost effective and ensures that file attributes are protected during the backup?

A. Deploy a NetWorker solution and backup the NAS to a Microsoft Windows storage node using NDMP.
B. Mount the NAS shares onto a Solaris server and use dump to backup the data to a SCSI-attached tape device.
C. Mount the NAS shares onto a Microsoft Windows 2008 server and use NT backup to backup the data to a SCSI-attached tape drive.
D. Deploy a Microsoft Windows 2008 server to mount the NAS share on and copy the data to SAN storage.

Answer: A

Question No : 58

A customer is implementing a new Oracle database server that will host critical financial data. Due to the importance of this database, the customer has determined that a loss of any kind should be avoided.

Which recommendation will significantly reduce the possibility for data loss?

A. Database should always run in archive log mode
B. Database should be put in archive log mode during backups
C. Oracle system tablespace should be included in every backup
D. Control file should be included in every backup

Answer: A

Question No : 59

An EMC NetWorker customer is using NetWorker Module for Microsoft SQL to back up a large SQL database. They are storing the backup data on a NetWorker Data Domain device.

Which path does the backup data follow to the Data Domain device?

A. Client to NetWorker storage node to Data Domain
B. Client to Data Domain
C. Client to NetWorker server to NetWorker storage node to Data Domain
D. Client to NetWorker server to Data Domain

Answer: A

Question No : 60

A customer is using EMC Avamar to backup their Oracle databases. They have noticed that their incremental backup performance is not as fast as they would like. Due to this issue, they would like to begin using Block Change Tracking (BCT) to improve the performance.

What must be done to enable this feature?

A. Enable BCT through SQLplus in Oracle
B. Enable BCT in RMAN on the database server
C. Include the BCT options in the RMAN script
D. Change the backup level to incremental backup level 1

Answer: A

Question No : 61

Click on the calculator icon in the upper left corner.

You are designing a backup solution for a customer that uses both EMC NetWorker and Data Domain. The customer has stated that they would like to be able to maintain 120 simultaneous sessions to the Data Domain devices.

If using NetWorker 7.6 SP2, what is the minimum number of Data Domain devices that should be configured to meet the requirement?

A. 2
B. 6

C. 10

D. 12

Answer: A

Question No : 62

You are designing a backup solution for an ESX environment using EMC Avamar 6.1. All guests are running either a Microsoft Windows server or Linux and their virtual disks reside on shared VMFS SAN storage. You want the ability to perform file level restores. However, you also want to limit the amount of backup clients deployed on guest operating systems.

Which deployment method will provide the ability to use image-based backups and file-level restores?

A. Avamar proxy for image backups

File-level restores for both Linux and Windows guests

B. Avamar client agents for backup and file-level restores for both Windows and Linux

C. Avamar proxy for image backups for both operating systems

Avamar client agents for Linux file-level restore

D. Avamar proxy for image backups for both operating systems

Avamar client agents for Windows file-level restore

Answer: A

Question No : 63

A new EMC Avamar customer would like to configure backups of a single SQL instance running on a two-node Microsoft SQL cluster. To enable backups of the SQL database, what is the order of installation for the client software?

A. Install the Avamar Windows client and Avamar SQL client on both nodes in the cluster. Configure the Avamar Cluster Client on the active node in the cluster.

B. Install the Avamar Windows client and Avamar SQL client on both nodes in the cluster. Create AvamarBackupUser and configure the Avamar Cluster Client on both nodes in the cluster.

C. Install Avamar Windows client on both nodes.

Install the Avamar SQL client on the active node in the cluster.

D. Install the Avamar Windows client and Avamar SQL client on both nodes in the cluster.

Configure the Avamar Cluster Client on both nodes in the cluster.

Answer: A

Question No : 64

A customer has a large backup environment using EMC NetWorker integrated with Data Domain. They have a requirement to backup their hosts every night. They start all of their host backups at the same time. Each night during backups, their network utilization is high and the backups take a long time.

What is a recommendation to reduce the network utilization and backup time while minimizing cost?

A. Separate the hosts into groups and stagger the groups to run one hour apart
B. Separate the hosts into groups and run half of the groups during the day
C. Add more storage nodes to increase the amount of backups that can run
D. Add more storage nodes and run the backups on alternating nights

Answer: A

Question No : 65

You are designing a MS SQL disaster recovery solution for a customer who is using EMC NetWorker and NMM. The SQL environment includes MS SQL 2005 and MS SQL 2008.

To ensure the snapshots made by NMM can be used for disaster recovery, how should the backup be configured?

A. At least one rollover to a conventional backup media for all volumes and system components
B. At least one persistent snapshot for all volumes and system components
C. Point-in-time copy for MS SQL databases on the primary storage subsystem
D. Point-in-time copy for all volumes on the storage subsystem

Answer: A

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