

EMC.D-AV-DY-23.v2026-04-27.q184

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NEW QUESTION: 1

A company installed the latest version of a Dell EMC Avamar server. They want to activate about 1200 clients.

Which recommended method can they use for sending invitations simultaneously to all clients?

- A. Activation Manager
- B. Interactive server-side registration
- C. Client-side registration
- D. Batch client registration

Answer: D (LEAVE A REPLY)

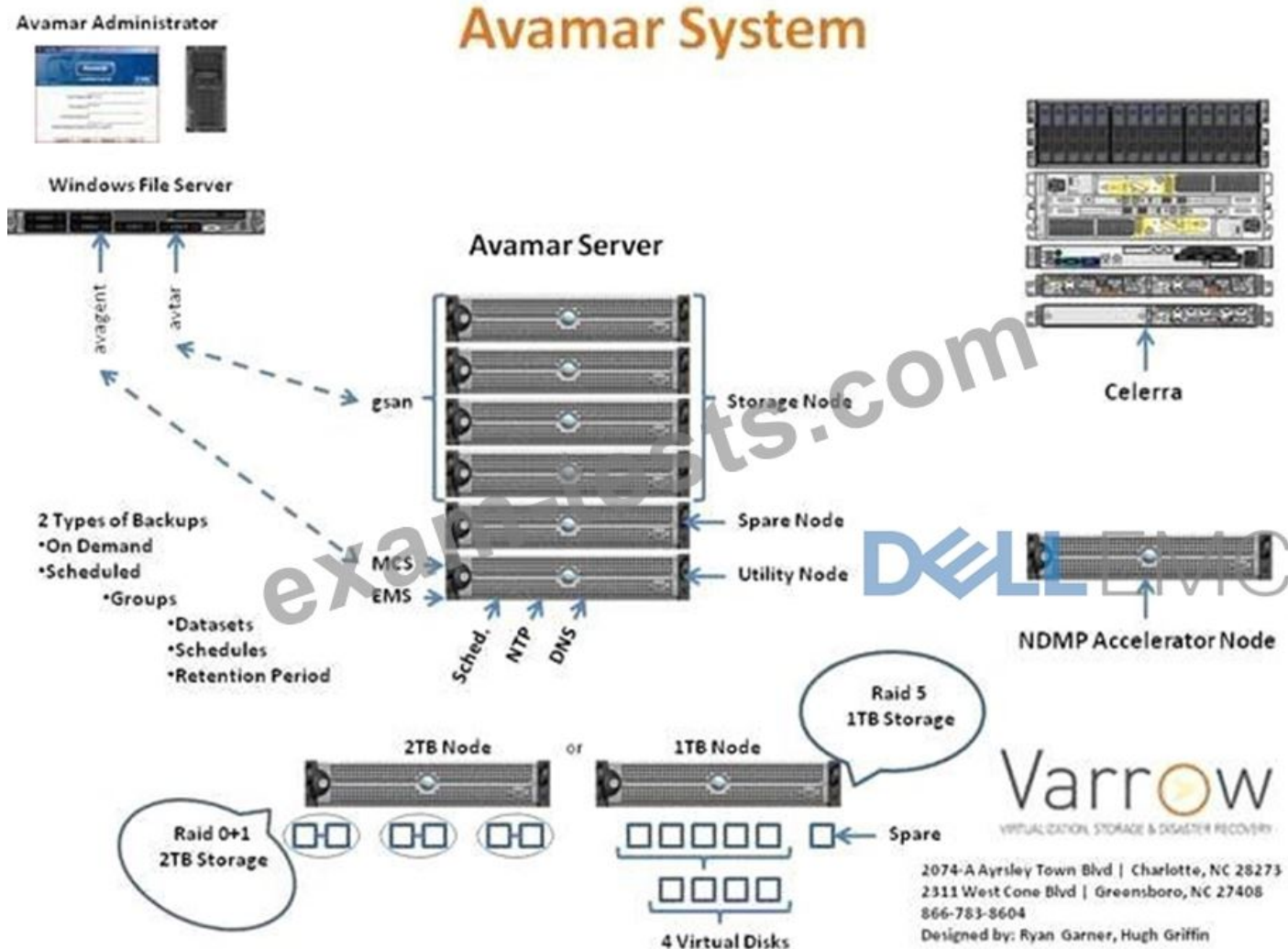
NEW QUESTION: 2

Which client process listens for a work order from the Dell Avamar server?

- A. avagent
- B. avtar
- C. avsccl
- D. mcs

Answer: A (LEAVE A REPLY)

Explanation/Reference:



Avamar Node Types and Processes

There are several different types of Nodes within an Avamar Server. The Utility node is the identity of the Avamar Server and provides the bulk of the internal Avamar server processes such as: Avamar Administrator (used to manage the Avamar Server from a gui), cron jobs, DNS, NTP, external authentication, web access, MCS and EMS.

MCS (Management Console Server) provides centralized management including scheduling of backups, restore of backups, monitoring and reporting.

EMS (Enterprise Manager Server) provides web based management for multiple Avamar Servers as well as monitoring and configuration for Avamar Replication.

Web Access provides access to documentation, backup plug-ins as well as remote File System restore access to end users.

Are next type of node is the Storage Node, which run a process called gsan. This service communicates with the avtar command on the individual backup clients. Avtar communicates with a storage nodes gsan process, then that storage node spreads the data across the available data nodes.

A Spare Node is an active node that is present in a multi-node RAIN (Redundant Array of Independent Nodes) grid. The interesting thing about the Spare Node is that it is NOT a hot spare. There is a procedure in place that needs to be followed when a failed Storage Node occurs. In fact, the Avamar Server doesn't even care if the Spare Node is powered on, so if you

are a "Green" conscience company, feel free to leave the Spare Node powered down. Dell Best Practice is to leave the Spare Node up and active though. Avamar Backups clients can be installed with 2 different types of client plug-ins: File System and Databases. The Avamar client uses 2 processes in the backup and restore process: Avtar and Avagent. The Avagent process listens for backup/restore work orders from the MCS service on the Utility Node using port 28002 and executes the avtar command that handles the backup/restore processes and communicates with the gsan service on the storage nodes. This process is depicted in the included picture above.

Lastly, in a previous blog, I discussed the 2 different licensable options for Avamar and how the disks are comprised in each Storage Nodes type. These are depicted in the picture above as well as a breakdown of how the disks are structured.

NEW QUESTION: 3

What is an advantage of the EMC Avamar deduplication technology?

- A. Stores unique sub-file data objects
- B. Improves drive speeds
- C. Eliminates the backup catalog
- D. Stores data from different operating systems on the same devices

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

When data is being backed up to an Dell Data Domain system in an Avamar environment, where is the backup metadata stored?

- A. On the backup client
- B. On the Avamar grid
- C. On the Data Domain
- D. On both Avamar and Data Domain

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 5

What is the maximum number of nodes in a single AVE implementation?

- A. 1
- B. 4
- C. 3
- D. 5

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

What is the storage requirement for a Dell EMC Avamar Virtual Edition with 2 TB capacity?

- A. Three storage partitions, each 1000 GB
One partition of 126 GB for the OS

B. Three storage partitions, each 250 GB

One partition of 80 GB for the OS

C. Six storage partitions, each 250 GB

One partition of 80 GB for the OS

D. Six storage partitions, each 1000 GB

One partition of 126 GB for the OS

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 7

Which port is used to browse AVAMARSERVER to reach the Avamar Installation Manager GUI?

A. 7543

B. 7354

C. 7591

D. 7453

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 8

In an EMC Avamar system, for each file that is backed up, how many SHA-1 hash bytes are added to the file cache?

A. 44

B. 20

C. 24

D. 48

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 9

Which command is used to configure the power button to reset a Gen4T node if it is pressed for less than 10 seconds?

A. ipmitool power set reset button 10

B. ipmitool raw 0x30 0x82 0x01 0x01 0x04 0x04

C. ipmitool power set reset 10

D. ipmitool raw 0x30 0x2e 0x01

Answer: (SHOW ANSWER)

NEW QUESTION: 10

A company has decided to deploy the Dell Avamar software to guest machines in a VMware environment.

What is the difference between backing up a guest machine versus a physical machine?

A. Image level recovery only

B. No difference

C. Deduplication is not as efficient

D. Avamar cannot replicate the backup of the guest machine

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 11

A storage administrator wants to implement EMC Avamar deduplication, and you are asked to design the project.

What is the approximate database commonality for initial database backups?

- A. 50%
- B. 65%
- C. 35%
- D. 25%

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 12

You are working in a Windows Active/Passive cluster environment. On which cluster node(s) must the EMC Avamar Windows file system be installed?

- A. Virtual client only
- B. Active client only
- C. Active and Passive clients only
- D. Active, Passive, and Virtual clients

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Which port on the Dell Avamar server does a client connect to when performing backups?

- A. 7778
- B. 7781
- C. 27000
- D. 28002

Answer: C ([LEAVE A REPLY](#))

Avamar client network requirements

The following table describes the network requirements for Avamar client computers. For each row in Table 36, the Avamar client computer is the source and must have access to the listed port on the listed destination.

Table 36 Network requirements for Avamar client computers (page 1 of 2)

Port	Protocol	Destination	Additional information
53	TCP/UDP	DNS	Required for name resolution and DNS zone transfers.
80	TCP	Avamar server HTTP service	Required to use the web browser UI of Avamar Desktop/Laptop and the web browser UI of Avamar Web Restore.
123	UDP	NTP time servers	Provides clock synchronization from network time protocol servers.
443	TCP	Avamar server HTTPS service	Required to use the web browser UI of Avamar Desktop/Laptop and the web browser UI of Avamar Web Restore.
3008	TCP	Active archive service on Data Domain system	Only required when backups are stored on a Data Domain system, and the active archive feature is enabled.
8105	TCP	Avamar server	Used by Avamar Desktop/Laptop.
8109	TCP	Avamar server	Used by Avamar Desktop/Laptop.
8181	TCP	Avamar server HTTP redirect port	Required to use the web browser UI of Avamar Desktop/Laptop and the web browser UI of Avamar Web Restore.
8444	TCP	Avamar server HTTPS redirect port	Required to use the web browser UI of Avamar Desktop/Laptop and the web browser UI of Avamar Web Restore.

Table 36 Network requirements for Avamar client computers (page 2 of 2)

Port	Protocol	Destination	Additional information
27000-27500	TCP	Avamar server	GSAN communication.
28001	TCP	Avamar server	CLI commands from client computers.
29000	TCP	Avamar server	GSAN communication.

NEW QUESTION: 14

When attaching directly to the management port of an EMC Avamar Data Store, which is the recommended IP address to assign to your laptop?

- A. 10.10.99.5
- B. 10.99.99.99
- C. 10.10.99.99
- D. 10.99.99.5

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 15

In EMC Avamar, below which ratio is it considered unnecessary to compress a given chunk of data?

- A. 30%
- B. 20%
- C. 25%
- D. 15%

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 16

How many concurrent backup connections per storage node are supported by a multi-node Avamar server?

- A. 27
- B. 36
- C. 72
- D. 128

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 17

What is true about the Token-based Authentication feature with Data Domain?

- A. Token is unique and expires at the end of the day.
Age-based policy support for Cloud Tier.
- B. Token is unique and expires at the end of the day.
Cloud Tier allows seamless and secure tiering of backups to the cloud.
- C. Token is unique and exists during backup duration.
Single administrative step backups do not require a password.
- D. Token is unique and exists during backup duration.
Important for multi-tenant BaaS environments.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

In which directory are the Avamar administrator logs located?

- A. /usr/local/avamar/var/log

- B. /usr/local/avamar/var/mc/server_log
- C. /usr/local/avamar/src
- D. /usr/local/avamar/etc

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 19

What is the software label for port Gb1 on the back of an EMC Avamar Data Store node?

- A. eth3
- B. eth0
- C. eth2
- D. eth1

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 20

What is the recommended sequence of steps when installing Avamar Data Store hardware?

- A. Configure initial network configuration on utility node.

Install system tools and firmware.

Install nodes onto rack and perform internal network cabling.

Copy the Avamar software packages to utility node.

Set IP addresses and other basic networking for each storage node.

Run dpnnetutil to configure advance network settings.

- B. Install nodes onto rack and perform internal network cabling.

Set IP addresses and other basic networking for each storage node.

Configure initial network configuration on utility node.

Run dpnnetutil to configure advance network settings.

Copy the Avamar software packages to utility node.

Install system tools and firmware.

- C. Install system tools and firmware.

Run dpnnetutil to configure advance network settings.

Configure initial network configuration on utility node.

Install nodes onto rack and perform internal network cabling.

Copy the Avamar software packages to utility node.

Set IP addresses and other basic networking for each storage node.

- D. Configure initial network configuration on utility node.

Install system tools and firmware.

Run dpnnetutil to configure advance network settings.

Install nodes onto rack and perform internal network cabling.

Copy the Avamar software packages to utility node.

Set IP addresses and other basic networking for each storage node.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 21

An Dell Avamar server is configured to use the default settings. What is the maximum allowable O/S capacity utilization after which HFS checks will not run?

- A. 65%
- B. 85%
- C. 90%
- D. 95%

Answer: C (LEAVE A REPLY)

Explanation/Reference:

Capacity Threshold Warnings:

80% of user capacity = warning, start planning for expansion or cleanup

95% user capacity is the health check warning, new backups are suspended

100% user capacity makes the Avamar read-only, can still restore from server

85% of OS capacity = Garbage collection stops running, utilization increases rapidly

90% OS capacity = HFS checks stop running

96% OS capacity = no more checkpoints

NEW QUESTION: 22

Due to a scheduling conflict, an EMC Avamar administrator has to cancel the backup of a client using the Avamar Administration GUI.

What happens to the backup data that has already been sent to the Avamar server?

- A. Chunks from the incomplete backup will be removed at the next garbage collection
- B. Data is immediately removed from the Avamar server
- C. Data is retained for seven days as a partial backup
- D. Data is retained for the remainder of the retention policy that was used for the backup

Answer: C (LEAVE A REPLY)

NEW QUESTION: 23

What accurately describes implementing a Dell EMC Avamar solution for Microsoft Exchange Server

2013?

- A. Avamar Exchange GLR plug-in is required for mailbox database recovery
- B. Avamar Exchange GLR plug-in supports individual e-mail message recovery
- C. Avamar Exchange plug-in leverages Microsoft MAPI interface to back up and restore Microsoft Exchange databases
- D. Avamar Exchange plug-in does not support the restore of a mailbox database to RDB

Answer: B (LEAVE A REPLY)

NEW QUESTION: 24

A company wants to deploy a multi-node Avamar grid. The packages are extracted and executed on the Avamar utility node.

How will the required packages be deployed on the storage nodes?

- A. Storage nodes execute the required binaries during each read/write operation
- B. Installation packages need to be copied manually to /data01/avamar/repo/packages on all storage nodes
- C. Storage nodes execute the required binaries during each read/write operation
- D. GSAN software is pushed out from the utility node to all storage nodes and installed during the Avamar avp package deployment

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 25

Which RAID level is used in an EMC Avamar 2 TB single-node server?

- A. 5
- B. 1
- C. 0
- D. 3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 26

By default, which snapshots are retained?

- A. All checkpoints created in the last two days
- B. The two checkpoints created during the maintenance window plus two created outside the maintenance window
- C. The last two including the last validated checkpoint
- D. The last two validated checkpoints in the last two days

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

Backend capacity reports

DELL EMC

Backend capacity reports show the amount of physical server storage capacity used. This calculation includes capacity optimized by data deduplication, but does not include capacity consumed by RAIN overhead.

Each report can be configured to report on the entire Avamar server, specific Avamar domains, or specific Avamar clients.

There are two ways to run backend capacity reports:

- ◆ From Avamar Administrator
- ◆ From the command line using the **backendreport** utility

NEW QUESTION: 27

An Avamar storage administrator manually runs a backup job with a retention time of 60 days. After the backup completes, the administrator notices that the retention tag was set to "N". Why did this occur?

- A. End-user on-demand retention was set to "no end date"
- B. No end date was set for the basic retention policy
- C. Minimal retention time was set to "disabled"
- D. On-demand backups are always assigned a retention tag of "N"

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 28

What is a characteristic of Dell Avamar VMware Image backups?

- A. The Avamar client is installed on each VMware virtual machine
- B. Change Block Tracking can be used to shorten backup times
- C. Only one proxy server is supported per vCenter server
- D. File-level restores are supported for Linux clients only

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 29

Which is the maximum capacity configuration (TB) supported by Avamar Virtual Edition in a Hyper-V environment?

- A. 32
- B. 16
- C. 8
- D. 4

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 30

Which four account management actions can be performed from the Dell Client Manager interface?

- A. View management logConfigure new datasets and schedulesRetire clientsMove clients to a new server
- B. View management logRetire clientsDelete clientsBrowse client file systems
- C. Move clients to a new domainRetire clientsModify client group associationsStart manual backups
- D. Move clients to a new serverRetire clientsMove clients to a new domainPush client software upgrades

Answer: ([SHOW ANSWER](#))

Explanation/Reference:



Using Avamar Client Manager

Avamar Client Manager is a web-based management application that provides centralized Avamar client administration capabilities for larger businesses and enterprises. You start Avamar Client Manager from the Avamar Enterprise Manager menu bar.

For environments that include many clients, use Avamar Client Manager to simplify the following tasks:

- ◆ Activating clients
- ◆ Moving clients to new domain on same Avamar server
- ◆ Removing a client from a group on same Avamar server
- ◆ Moving a client to a new group on same Avamar server
- ◆ Moving client to new Avamar server
- ◆ Reporting with backup and restore summary
- ◆ Retiring clients
- ◆ Deleting clients
- ◆ Upgrading client software (requires the 7.0 plug-in)

NEW QUESTION: 31

Which port must be open on an EMC Avamar utility node to be able to browse a client file system?

- A. 27000
- B. 28002
- C. 26000

D. 28001

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

An administrator wants to increase the capacity of an existing Avamar server running with the following configuration:

1 utility node

6 storage nodes (M1200)

4, 10 Gb ports

What is the capacity of the new node to be added?

A. 2 TB

B. 3.9 TB

C. 1.3 TB

D. 7.8 TB

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 33

What is the minimum amount of RAM required on an EMC Avamar NDMP accelerator node to back up two simultaneous streams from a NAS filer?

A. 8 GB

B. 32 GB

C. 16 GB

D. 4 GB

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 34

Which interface is used to start Avamar Client Manager?

A. Enterprise Manager

B. Command Line

C. cron job

D. Avamar Administrator

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:

Starting Avamar Client Manager

Avamar Client Manager is started from either Backup & Recovery Manager or Avamar Enterprise Manager.

Starting from Backup & Recovery Manager

To start Avamar Client Manager from Backup & Recovery Manager:

1. Log in to Backup & Recovery Manager.
2. On the Backup & Recovery Manager banner bar, click **Launch**.
3. On the **Launch** menu, click **Client Manager**.



Avamar Client Manager appears in a new tab or window and opens the **Overview** page

Starting from Avamar Enterprise Manager

To start Avamar Client Manager from Avamar Enterprise Manager:

1. Log in to Avamar Enterprise Manager.
2. On the Avamar Enterprise Manager menu bar, click **Client Manager**.



Avamar Client Manager appears in a new tab or window and opens the **Overview** page

NEW QUESTION: 35

In which directory are the Dell Avamar administrator logs located?

- A. /usr/local/avamar/var/log
- B. /usr/local/avamar/var/mc/server_log
- C. /usr/local/avamar/etc
- D. /data01/cur

Answer: B (LEAVE A REPLY)

NEW QUESTION: 36

What is the access mode of the server during an EMC Avamar checkpoint maintenance activity?

- A. Access is disabled during checkpoint creation; read-only for the remainder of the activity
- B. Access is disabled throughout the activity
- C. Read-only throughout the activity

D. Read-only during checkpoint creation; read-write for the remainder of the activity

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 37

What is the recommended replication method for moving all data and clients from a single node to a multinode EMC Avamar server?

- A. Root-to-root replication
- B. /REPLICATE replication
- C. Selective replication
- D. Normal replication

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 38

What is the recommendation for configuring the virtual disks for Dell Avamar Virtual Edition?

- A. Thin provisioned with eager zeroed
- B. Thick provisioned with eager zeroed
- C. Thick provisioned with lazy zeroed
- D. Thin provisioned with lazy zeroed

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 39

An administrator must download and deploy AVE in a KVM virtual environment.

Which distribution file format should be used when creating a primary disk for the operating system?

- A. RAW
- B. jfs
- C. HPFS
- D. qcow2

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 40

Which EMC Avamar Management Console navigation screen would you use to view checkpoints and checkpoint validations?

- A. Policy
- B. Activity
- C. Server Monitor
- D. Administration

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 41

Which Dell tool provides all the necessary steps, in the correct order, to implement an Dell Avamar server?

- A. TS-Kit Configuration Guide
- B. Avamar Procedure Generator
- C. TS-Kit Test Plan
- D. Dell Backup System Sizer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

What statement describes basic replication for a single Avamar node?

- A. Replication is done over the same network to either a multi-node or single target pair.
- B. Replication is one-way communication to a multi-node target system only.
- C. Replication is done through dedicated network to either a multi-node or single target node by default.
- D. Replication needs dedicated networks on source and target systems.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 43

Which RAID types does Avamar support?

- A. RAID-10 and RAID-5
- B. RAID-1 and RAID-6
- C. RAID-10 and RAID-6
- D. RAID-6 and RAID-5

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 44

A network team has identified replication traffic in its WAN monitoring reports. The team wants to know what the bandwidth usage should be with this type of traffic.

According to Dell EMC Avamar best practices for standard replication, what information should be given regarding bandwidth usage for replication traffic?

- A. Replication will use all of the available bandwidth
- B. Replication will only use 60-80% of the total available bandwidth
- C. Replication will only use 40-80% of the total available bandwidth
- D. Replication will only use 30-60% of the total available bandwidth

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

On an Avamar server, what is the file specification of stripes that contain backup chunks?

- A. *.dat
- B. *.wlg
- C. *.chd

D. *.tab

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

What happens when a domain containing clients is deleted?

- A. Clients are automatically retired; their backups are maintained
- B. Clients are deleted; their backups are maintained
- C. Clients are deleted; their backups are deleted
- D. Clients and their backups are moved to the MC_SYSTEM domain

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 47

What are three types of Dell Avamar hashes?

- A. Root, Atomic, and Parity
- B. Root, Atomic, and Index
- C. Composite, Atomic, and Stripe
- D. Composite, Root, and Atomic

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 48

What is a characteristic of EMC Avamar Hyper-V backup and restore?

- A. Virtual machines must be powered on and online
- B. A proxy server must be used for backup and restores
- C. Restores are performed at the image level only
- D. Hyper-V machines can be standalone or clustered

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 49

You are performing an installation of the EMC Avamar software when you encounter the message

"Error: You must place a valid Avamar license key in /usr/local/avamar/etc/license.xml ...".

What is the relevance of this message?

- A. You may fully use the system until the licensing grace period expires.
- B. You may fully use the system, but for a limited amount of backup data only.
- C. You will be able to write backup data to the system, but not retrieve that data.
- D. You will not be able to use the system at all.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 50

In an Avamar configuration, what can be backed up to an Dell Data Domain device?

- A. Microsoft SQL Server and File System Data
- B. Microsoft Exchange VSS and Oracle
- C. Informix and Oracle
- D. NDMP and Microsoft Exchange

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 51

What are members of an Dell Avamar group policy?

- A. Clients, Profile, Retention
- B. Dataset, Schedule, Retention
- C. Notification, Retention, Schedule
- D. Notification, Profile, Dataset

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 52

A storage node on your EMC Avamar server has failed, and you are replacing it by using the spare node.

What do you do to change the probe.xml node database?

- A. Leave the entry for the spare node in place, and replace the failed node's entry with the IP address of the spare
- B. Leave the entry for the failed node in place, delete the entry for the spare node, and add a new entry that has the IP address of the spare
- C. Leave the entries for the failed node and the spare in place, and add a new entry that has the IP address of the spare
- D. Delete the entry for the spare node, and replace the failed node's entry with the IP address of the spare

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

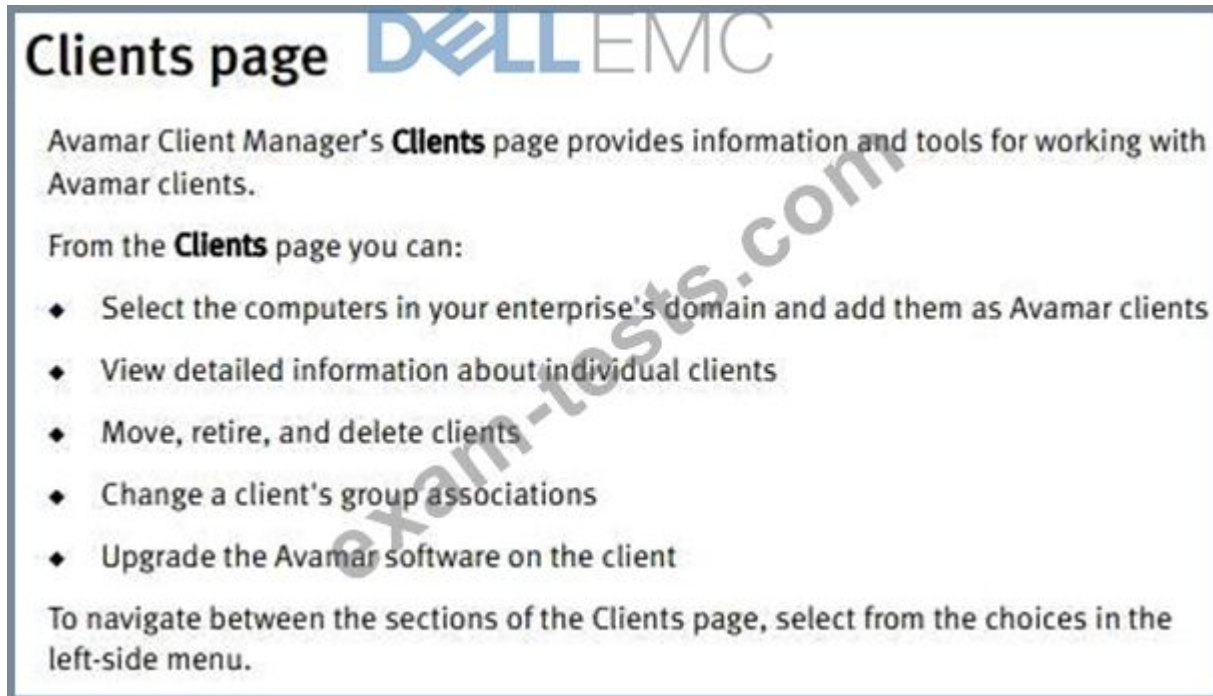
In Dell Avamar 6.0, which tool is used to completely move clients to a new Avamar server?


- A. Client Manager
- B. Enterprise Manager
- C. Activation Manager

D. Avamar Administrator

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:



Clients page 

Avamar Client Manager's **Clients** page provides information and tools for working with Avamar clients.

From the **Clients** page you can:

- ◆ Select the computers in your enterprise's domain and add them as Avamar clients
- ◆ View detailed information about individual clients
- ◆ Move, retire, and delete clients
- ◆ Change a client's group associations
- ◆ Upgrade the Avamar software on the client

To navigate between the sections of the Clients page, select from the choices in the left-side menu.

NEW QUESTION: 54

An Dell Avamar customer needs to estimate how much time it will take to replicate 3 TB of Avamar Source server data to their target server, given root-to-root migration. Using iperf, it is determined that data will be transferred at 54 GB/hour between the two Avamar servers.

How many hours will it take to replicate to the target?

- A. 89
- B. 81
- C. 76
- D. 99

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

What feature allows for rapid recovery of VMware image level backups?

- A. Image access
- B. VM Export
- C. Instant access
- D. Instant virtualization

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

A company is deploying a 2 TB Dell EMC Avamar Virtual Edition on their existing VMware ESXi 5.1 server. In addition to the OS partition, how many storage partitions are required and what is the amount of capacity for each?

- A. 1-3000 GB
- B. 6-500 GB each
- C. 12-250 GB each
- D. 3-1000 GB each

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

What is a characteristic of an Dell Avamar NDMP backup?

- A. Every backup is a Level 0 backup
- B. After the first Level 0 backup, Level 1 backups are performed and merged to a full backup
- C. Level 1 backups are performed daily and merged to a full backup at the end of the week
- D. Each backup is a Level 1 backup and is merged to a full backup only when a restore request is received

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

What is the total number of virtual disks with its size that is required for an 8TB AVE capacity configuration?

- A. 3 storage partitions (1000GB each)
- B. 12 storage partitions (1000GB each)
- C. 6 storage partitions (250GB each)
- D. 3 storage partitions (250GB each)

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 59

A customer manually runs a backup job with a retention time of 60 days. After the backup completes, they notice that the retention tag was set to "N".

Why?

- A. End User on Demand Retention was set to "no end date"
- B. The default retention of the default group was set to "N"
- C. On-demand backups are always assigned a retention tag of "N"
- D. On-demand backups do not use retention times

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

There are several way to set flags for on-deman backups.

Server Side backup:

1. "Backup & Restore" View, Can specify through "advanced"
2. "Policy" View, "Backup Up Group Now", Defined flags for group

3. "Policy" View, "Backup Up Client Now", Define flags for selected group Client Side Backup:

1. Avatar command line mode, user can specify flags

2. GUI, can not specify. N flag.

<https://community.Dell.com/thread/99800>

NEW QUESTION: 60

According to Dell Avamar best practices, the backup window duration specified on a backup schedule should not exceed how many hours per day?

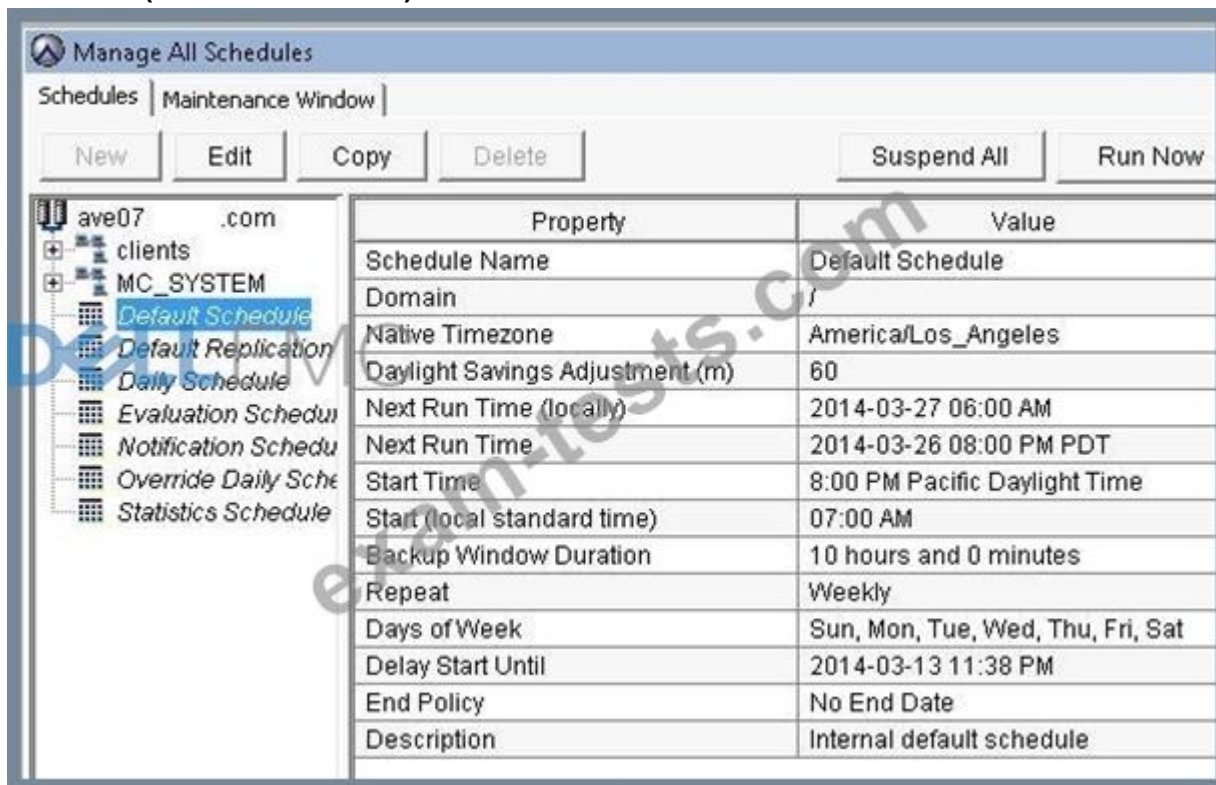
A. 4 - 6

B. 6 - 8

C. 8 - 10

D. 10 - 12

Answer: ([SHOW ANSWER](#))



Property	Value
Schedule Name	Default Schedule
Domain	/
Native Timezone	America/Los_Angeles
Daylight Savings Adjustment (m)	60
Next Run Time (locally)	2014-03-27 06:00 AM
Next Run Time	2014-03-26 08:00 PM PDT
Start Time	8:00 PM Pacific Daylight Time
Start (local standard time)	07:00 AM
Backup Window Duration	10 hours and 0 minutes
Repeat	Weekly
Days of Week	Sun, Mon, Tue, Wed, Thu, Fri, Sat
Delay Start Until	2014-03-13 11:38 PM
End Policy	No End Date
Description	Internal default schedule

Manage All Schedules

Schedules | Maintenance Window

New Edit Copy Delete Suspend All Run Now

Property	Value
Schedule Name	Daily Schedule
Domain	/
Native Timezone	America/Los_Angeles
Daylight Savings Adjustment (m)	60
Next Run Time (locally)	2014-03-27 08:00 AM
Next Run Time	2014-03-26 10:00 PM PDT
Start Time	10:00 PM Pacific Daylight Time
Start (local standard time)	09:00 AM
Backup Window Duration	8 hours and 0 minutes
Repeat	Weekly
Days of Week	Sun, Mon, Tue, Wed, Thu, Fri, Sat
Delay Start Until	2014-03-13 11:38 PM
End Policy	No End Date
Description	Internal daily schedule

Schedule the backup window

The backup window for desktop and laptop clients is often the opposite of traditional server clients. Avamar Desktop/Laptop backups must run while the desktop and laptop computers are online. The backup window, therefore, is typically during the work day.

When determining the backup window, ensure that it is flexible enough for users who are offline due to traveling, meetings, and so forth.

Start with a backup window of 12 hours and increase or decrease it as necessary. Depending on the location of remote clients, backing up all clients can require multiple Avamar servers.

NEW QUESTION: 61

Which port on the Avamar server does the client connect to when performing a backup with no encryption?

- A. 28002
- B. 27000
- C. 28001
- D. 29000

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 62

For an Avamar Gen4 single node, how many Ethernet ports are provided?

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 63

Under which node replacement option do you need to generate a new Dell Avamar license key?

- A. When performing a rebuild on an existing storage node
- B. When swapping disks from a failed storage node to a new node
- C. When swapping disks from a failed utility node to a new node
- D. When performing a rebuild on an existing utility node

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 64

A company has just deployed a VMware environment. The Dell Avamar storage administrator wants to ensure they receive the highest level of deduplication within the environment for backups.

Which type of backup should be performed?

- A. ESX console
- B. vSphere Image
- C. Guest
- D. VCB

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 65

Dell EMC Avamar backups completed successfully. However, garbage collection, checkpoints, and HFS check operations did not run in the last 24 hours.

What is a cause of the issue?

- A. Replication prevented the activities from starting
- B. Maintenance scheduler is suspended
- C. Maintenance window duration is configured for 10 hours
- D. Avamar server utilization is at 100% of user capacity

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 66

What links all data objects from a single backup?

- A. Stripes
- B. Composite hash
- C. Chunkis
- D. Trees

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

A system administrator wants to check Avamar maintenance activity logs.

Which commands could they use?

- A. dumpmaintlogs and avtar
- B. dumpmaintlogs and avmaint
- C. mccli and avtar
- D. mccli and avmaint

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 68

A storage administrator wants to migrate from a single-node Dell Avamar server to a Avamar multi-node server. Which method of replication should be used?

- A. Root-to-root
- B. Root-to-replicate
- C. Selective
- D. Normal

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

It is possible to configure four different replication configurations with the replication plug-in. In pre-Avamar 7.0, Many-to-One, Cross, and Root-to-root replication could be configured. In Avamar 7.0, using the replication plug-in, Many-to-One, One-to-Many, Chain, and Cross replication can be configured. However, as stated earlier, Root-to-root replication must be performed using the Cron-based replication. The replication plug-in cannot perform Root-to-root-based replication.

Best practices for replication

- ◆ Protect the data on the Avamar server by replicating the data to another Avamar server.
- ◆ Use default standard replication, also known as “root-to-REPLICATE” replication, to do the following:
 - Provide the flexibility to configure replicated Avamar servers in a wide variety of ways
 - Have full visibility into all the backups that you replicate from one Avamar server to another

Standard replication also supports the ability to replicate the contents of many replication source Avamar servers to a single large replication destination (many-to-one), or to cross-replicate the contents of a couple of Avamar servers to each other. At any time, you can browse the contents of the /REPLICATE domain on the replication destination and see all the backups that have been replicated for each account.

NEW QUESTION: 69

You are checking the network cabling on a multi-node Dell Avamar Gen4 Data Store. Which port should be used to connect the utility node to the first switch?

- A. GB1 is connected to port 1 on the switch
- B. GB1 is connected to port 5 on the switch
- C. GB2 is connected to port 5 on the switch
- D. GB2 is connected to port 1 on the switch

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 70

On which TCP port does avagent listen in a Dell EMC Avamar Client?

- A. 27000
- B. 28001
- C. 28002
- D. 7778

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 71

What is the last step in the hardware installation portion of an Dell Avamar multi-node deployment?

- A. Cabling the nodes to the switch
- B. Connecting to the customer network

- C. Configuring the internal switches
- D. Powering on the nodes

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 72

A company wants to integrate a single node Avamar with Data Domain.

What is the best practice?

- A. Backup metadata is stored on the Data Domain and backup data is stored on Avamar
- B. Either Avamar or Data Domain can be used to manage backup clients, schedules, datasets, and other policies
- C. Avamar holds the metadata and the Data Domain is used as a storage device
- D. Data Domain manages garbage collection, checkpoints, rollbacks, and HFS checks

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 73

What is a valid configuration for the Avamar Gen4T S2400 node?

- A. 7.8 TB license capacity, 12 disks RAID 6, 1 SSD
- B. 7.8 TB license capacity, 8 disks RAID 6, 1 SSD
- C. 7.8 TB license capacity, 12 disks RAID 6
- D. 7.8 TB license capacity, 8 disks RAID 6

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 74

What is the first process performed by avtar when running an EMC Avamar backup?

- A. Checks the client's file cache
- B. Runs sticky-byte factoring
- C. Writes to the hash cache file
- D. Traverses each directory in the backup dataset

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 75

A Dell EMC backup administrator performs the backup of a few files and checkpoints were created in order to secure the files that were backed up. Now the administrator wants to ensure that the last checkpoint and the last validated checkpoints that were created are the most recent. Which Dell EMC Avamar Administrator console navigation screen should be used to review and manage checkpoint?

- A. Backup and Restore
- B. Server
- C. Policy
- D. Administration

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 76

How many total concurrent backup jobs can be run on an Dell Avamar server?

- A. 17 backup jobs per storage node
- B. 17 backup jobs per storage node, plus 1 per Avamar server
- C. 18 backup jobs per storage node
- D. 18 backup jobs per storage node, minus 1 per Avamar server

Answer: D (LEAVE A REPLY)

Explanation/Reference:

max_concurrent_jobs	Maximum number of concurrent jobs for the entire system. The default setting is 250. This setting is correct for a base (2x7) multi-node Avamar system. It is derived by multiplying the maximum number of jobs allowed per node (typically 20, as defined by max_jobs_per_node) by the number of storage nodes in each module (there are seven storage nodes in a base multi-node Avamar system).
max_jobs_per_node	Maximum number of concurrent jobs that a single storage node is allowed to process. The default setting is 80 jobs per node.

Avamar Desktop/Laptop environments include more clients than traditional Avamar systems. The Avamar Administrator server allows a maximum of 72 concurrent backup connections for each active storage node. The Avamar server reserves one connection for restores.

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NEW QUESTION: 77

You need to install a multi-node Dell Avamar server. To which location should you copy the Avamar software file?

- A. Utility node and active data nodes
- B. Utility node only
- C. Active data nodes only

D. Utility node, active data nodes, and spare node

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 78

What does the Dell Avamar deduplication process accomplish?

- A. Achieves maximum advantage of disk characteristics
- B. Enables platform-independent data objects
- C. Ensures that each data object is stored only once
- D. Provides data integrity and disaster recovery protection

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

Avamar solves the challenge of redundancy in backup data at the client—before transfer across the LAN or WAN during a backup operation. Avamar backup agents are deployed on the systems to be protected (for example, servers, desktops, laptops) to identify and filter repeated data segments stored in files within a single system and across multiple systems over time. This ensures that each unique data segment is backed up only once across the enterprise. As a result, copied or edited files, shared applications, embedded attachments, and even daily changing databases generate only a small amount of new backup data.

By moving only new, unique subfile variable length data segments, Avamar significantly reduces the required daily network bandwidth and storage. By storing just a single instance of each subfile data segment globally, Avamar also reduces total back-end storage by up to 50x for cost-effective, long-term, disk-based recovery.

NEW QUESTION: 79

How many LUNs should be configured on a single-node EMC Avamar system with 2 TB of licensed capacity?

- A. 2
- B. 1
- C. 3
- D. 4

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

A customer has a remote client with over 4 TB of file data that needs to be backed up to a local Avamar server.

What is a best practice to perform the initialization?

- A. Wait for any other backups to complete, then start the backup of the remote site
- B. Start the initial backup and allow overtime on the server
- C. Start the initial backup of remote client across the LAN
- D. Start with a subset of data and gradually keep increasing the data per backup

Answer: (SHOW ANSWER)

Explanation/Reference:

Best Practices for Adding Large Filesystem Clients

-Ensure the file cache is sized properly

-Work with support / account teams to investigate using cache prefixing for clients with many millions of files

-For initial backups:

On low capacity grids, use overtime to allow the backup to complete

On higher capacity grids, allow the client to time out daily and rely on partial backups For clients that will not complete within 7 days, start with a small dataset and gradually add more files and directories to avoid issues with partial backups expiring before the initial backup completes

-For incremental backups:

Typical backup performance is about 1 million files per hour

Generally the client disk performance is the bottleneck but be sure to confirm the bottleneck before making any performance tweaks

NEW QUESTION: 81

A customer is unable to connect to their Dell Avamar server when using the Avamar Administrator GUI. If default settings are being used, which port must be open for a successful connection?

- A. 5555
- B. 7778
- C. 8443
- D. 8080

Answer: B (LEAVE A REPLY)

Explanation/Reference:

Avamar utility node required ports				
The following table describes the listening ports that must be open on an Avamar utility node or single-node server. For each row in Table 29, the listed port on the utility node or single-node server is the destination.				
Table 29 Required ports on an Avamar utility node or single node server (page 1 of 3)				
Port	Protocol	Service name	Source	Additional information
7778	TCP	RMI	Avamar Administrator management console	Limit access to trusted administrator computers.

NEW QUESTION: 82

Which Avamar domain contains the Avamar server as the replicator client?

- A. /REPLICATE/server_name/MC_SYSTEM
- B. /MC_SYSTEM
- C. /clients
- D. /REPLICATE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 83

What type of RAID protection is used within the S2400 Business Edition node?

- A. RAID 0
- B. RAID 5
- C. RAID 1+0
- D. RAID 6

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

Which Dell Avamar Management Console navigation screen can be used to check when the last checkpoint and checkpoint validation occurred?

- A. Server
- B. Activity
- C. Administration
- D. Policy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 85

Which command is used to perform Dell EMC Avamar server based CLI backups?

- A. mccli
- B. avamar
- C. avtar
- D. avmbkup

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 86

The mapall command reports an error with node 0.1. Using the probe.xml file shown below, what is the IP address of this node?

```
<dpn>
<module name="avaexam">
<node type="utility">
<network-interface>
<address value="10.6.249.87"/>
</network-interface>
</node>
<node type="storage">
<network-interface>
<address value="10.6.249.88"/>
</network-interface>
</node>
```

```
<node type="storage">
<network-interface>
<address value="10.6.249.89"/>
</network-interface>
</node>
<node type="storage">
<network-interface>
<address value="10.6.249.90"/>
</network-interface>
</node>
<node type="storage">
<network-interface>
<address value="10.6.249.91"/>
</network-interface>
</node>
<node type="spare" connected="false">
<network-interface>
<address value="10.6.249.92"/>
</network-interface>
</node>
</module>
</dpn>
```

- A. 10.6.249.88
- B. 10.6.249.90
- C. 10.6.249.89
- D. 10.6.249.87

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 87

What is a potential impact of having an undersized hash cache on an Dell Avamar client?

- A. Decreased memory swapping
- B. More backup data sent to the Avamar server
- C. More queries to the Avamar server
- D. More chunks are compressed

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

A storage administrator is performing maintenance on an EMC Avamar server. While working, the administrator notices that a client backup, already running, was queued briefly.

What caused this effect?

- A. Garbage collection

- B. Restore
- C. HFS check
- D. Replication

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 89

Which basic network settings are required when configuring an Dell Avamar node at installation?

- A. IP address, SMTP server, subnet, hostname and domain, gateway
- B. IP address, DNS parameters, subnet, hostname and domain, gateway
- C. IP address, DNS parameters, duplex, hostname and domain, gateway
- D. IP address, DNS parameters, subnet, MTU size, gateway 54

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 90

Dell EMC Avamar support requested a node transplant of a Gen4S M2400 storage node.

What is a cause for this request?

- A. /data01 file system got corrupted
- B. Single disk failed
- C. Power supply failed
- D. Memory DIMM failed in the node

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 91

What is an advantage of performing VMware Image Level backups with Dell Avamar?

- A. Backups can occur while virtual machines are powered on or off
- B. Database plug-ins are supported for backups and restores
- C. Highest level of data deduplication is provided
- D. Virtual machines are backed up like any other physical machine

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 92

An EMC Avamar backup administrator has deleted several older backups that are no longer needed in an effort to gain more space for new backups. The delete operation succeeds. However, the administrator notices that the capacity utilization has not decreased.

What is a possible reason for this issue?

- A. Backups are currently being replicated
- B. Garbage collection has not yet run
- C. Backup storage is at 80% of user capacity
- D. Avamar server is read-only due to lack of capacity

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 93

What happens when a new storage node is deployed in the event of a storage node failure?

- A. The utility node needs to be deployed manually
- B. The utility node is automatically promoted to a storage node
- C. A spare storage node must be deployed manually
- D. A spare storage node will be deployed automatically

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 94

An Avamar administrator is ready to add 4,000 desktop/laptop clients to the Avamar server.

What is a best practice during this process?

- A. Activate all clients toward the end of the maintenance window
- B. Activate clients in smaller groups rather than all at once
- C. Use a smaller dataset when first activating all clients
- D. Use short retention periods for the first week to minimize the impact on the server

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 95

What is an Dell Avamar best practice when performing an Microsoft Exchange 2003 Message Level restore of an individual message?

- A. Restore to another Exchange database
- B. Restore to a temporary dedicated folder
- C. Restore to the same folder
- D. Restore to a new temporary Exchange database

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 96

You have been asked to deploy a Dell EMC Avamar Virtual Edition (AVE) at a local field office. The requirement is to back up the Windows file server and the file system of nine Windows desktop computers. From historical data you know that daily changed data never exceeds 7 GBs. What is the smallest AVE that should be deployed?

- A. 0.5 TB
- B. 1 TB
- C. 2 TB
- D. 4 TB

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 97

By default, what information is sent by Avamar Email Home and how often is it sent?

- A. Backup failures; as they occur
- B. Avamar alerts; once daily
- C. Status of data integrity checks; twice daily
- D. Reports; once daily

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 98

Which feature is available through the Avamar Enterprise Manager, but not available through the Administrator console?

- A. Generating reports
- B. Configuring selective replication
- C. Viewing system status information
- D. Viewing policy information

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

Which reports can be created by the Avamar Fitness Analyzer?

- A. Snapshots of different aspects of the server at particular points in time
Primary data that is awaiting scheduled replication
- B. Custom Profiles
DPN summary
- C. Daily changes in capacity usage
Capacity freed by garbage collection
- D. License information
Detailed node information

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 100

By default, what does the "asktime" utility do when executed on the utility node?

- A. Configures the current time on the utility node and on all storage nodes
- B. Reports the time on the utility node
- C. Configures the current time on the storage nodes
- D. Reports the NTP server's current time

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 101

You are installing a new Dell EMC Avamar 1x6 server with one spare node. You are connecting the server to the customer network.

What is the minimum number of customer switch ports required?

- A. 16
- B. 14
- C. 8
- D. 7

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

How much RAM is required for an Dell Avamar Gen4 utility node?

- A. 4 GB
- B. 8 GB
- C. 12 GB
- D. 24 GB

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

<http://whughgriffin.wordpress.com/2011/07/05/avamar-ads-gen4-node-hardware/>

➤ Avamar ADS Gen4 Node Hardware

July 5, 2011

With the release of the new Gen4 nodes, we can now take advantage of higher density disks and improved hardware configurations. There are 6 different type of nodes: Accelerator node, Utility node, 1.3TB, 2.6TB, 3.9TB and 7.8TB storage nodes.

All of the above node types now sport a single Quad Core Processor with the exception of the Accelerator node containing 2 Quad Core Processors, this is a step above the single processor in previous Gen models.

Disks are now configured in a RAID 1 configuration for increased performance. All node chassis' are the R710 model with support up to 6 drives, except the 7.8TB node that has a R510 chassis which can support up to 12 drives.

A thing to note about the 7.8TB node, is the inclusion of a 100GB SSD for increased memory performance focusing on indexes. With the increased amount of disks and activity, this should keep the performance in line with the other nodes.

Here is a table with the different type of Nodes and their perspective hardware configuration:

Nodes	Disk	RAM	CPU	Ethernet	Chassis
7.8TB	12x2TB SATA 6x RAID 1 pairs	32GB 100GB SSD	1	4	R510
3.9TB	6x2TB SATA 3x RAID 1 pairs	36GB	1	4	R710
2.6TB	4x2TB SATA 2x RAID 1 pairs	24GB	1	4	R710
1.3TB	2x2TB SATA 1x RAID 1 pair	12GB	1	4	R710
Utility	2x300GB SAS 1x RAID 1 pair	12GB	1	8	R710
Accelerator	2x300GB SAS 1x RAID 1pair	36GB	2	4	R710

NEW QUESTION: 103

Which file contains the live configuration for the MCS process?

- A. /usr/local/avamar/var/mcserver.xml
- B. /usr/local/avamar/var/lib/server_data/prefs/mcserver.xml
- C. /usr/local/avamar/var/mc/server_data/prefs/mcserver.xml
- D. /usr/local/avamar/lib/mcserver.xml

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 104

What is the default IP address assigned to the management port of an EMC Avamar Data Store node?

- A. 10.99.99.0
- B. 10.99.99.99
- C. 10.99.99.5
- D. 10.99.99.1

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 105

A storage administrator wants to purchase a new EMC Avamar system. The administrator wants the system to be protected by RAIN and have the ability to replicate to a central Avamar system in a remote site.

What is the minimum configuration that meets the administrator's needs?

- A. DS1
- B. DS3
- C. DS4
- D. DS5

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 106

By default, what is a characteristic of Avamar ConnectDell?

- A. Sends Avamar alerts as they occur
- B. Sends reports twice daily
- C. Sends Avamar alerts twice daily
- D. Sends reports as they are created

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 107

When sizing a large file server on an Dell Avamar, how many bytes per file are added to the file cache?

- A. 20
- B. 24
- C. 40
- D. 44

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

The most important thing to do on a client with so many files is to make sure that the file cache is sized appropriately. The file cache is responsible for the vast majority (>90%) of the performance of the Avamar client. If there's a file cache miss, the client has to go and thrash your disk for a while chunking up a file that may already be on the server.

So how to tune the file cache size?

The file cache starts at 22MB in size and doubles in size each time it grows. Each file on a client will use 44 bytes of space in the file cache (two SHA-1 hashes consuming 20 bytes each and 4 bytes of metadata). For 25 million files, the client will generate just over 1GB of cache data.

<http://jslabonte.blogspot.com/2013/08/avamar-and-large-dataset-with-multiples.html>

NEW QUESTION: 108

What is the maximum number of nodes currently available in an Avamar server?

- A. 17
- B. 18
- C. 12
- D. 16

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 109

Which factor(s) affect the capacity utilization in an Dell Avamar environment?

- A. Whether HFS check succeeds every day
- B. Size of the grid and license amount
- C. How often the backups are scheduled to run
- D. Total amount of primary data being backed up

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 110

By default, where are the EMC Avamar files located on a Solaris client?

- A. /opt/bin/avmrclnt
- B. /opt/AVMRclnt
- C. /opt/lib/avmrclnt
- D. /usr/sbin/AVMRclnt

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

Which Avamar utility modifies the operating system networking files on an Avamar utility node?

- A. dpnnetutil
- B. dpnutils
- C. nodenumbers
- D. node.cfg

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 112

Which four account management actions can be performed from the Dell Client Manager interface?

- A. View management logRetire clientsDelete clientsBrowse clients
- B. Move clients to a new serverRetire clientsMove clients to a new domainView management log
- C. View management logModify replicationRetire clientsMove clients to a new server
- D. Move clients to a new domainRetire clientsModify client group associationsSchedule backups

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

Your readiness checks show that a customer's Gen4 Avamar server has entered a read-only status. To avoid data loss, which recommended state should the Avamar server be in before you can continue the "Add Node" procedure?

- A. Suspended state
- B. Known good controlled state
- C. Steady state
- D. Read-only state

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 114

An EMC Avamar customer is nearing 100% capacity on their 1 x 16 Avamar server. The server is installed with 3.9 TB licensed capacity nodes.

What is recommended to add more capacity?

- A. Replace several nodes in the existing server with larger nodes
- B. Rebalance the backup data between the existing nodes
- C. Add two new nodes of the same size to the existing server
- D. Migrate to a larger capacity Avamar server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 115

What is a consideration for using the Configuration section within Dell Backup and Recovery Manager?

- A. Only 1:1 fan out replication should be configured
- B. Only 1:1 fan in replication should be configured
- C. Only server versions 7.0 and up can be configured
- D. Only server versions before 7.0 should be configured

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 116

From where can the configuration of replication groups be viewed?

- A. Administration
- B. Backup and Restore
- C. Data Movement Policy
- D. Server

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

In which ways can Avamar Replication be configured?

- A. Avamar Administrator, MCCLI, Enterprise Manager
- B. MCCLI, BRM, Avamar Administrator
- C. Avamar Administrator, Enterprise Manager, BRM
- D. MCCLI, BRM, Enterprise Manager

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 118

A client is activated with the Avamar server that was previously the target for that client's replicated backups. Under which domain will the previously replicated images appear to Avamar?

- A. /Replicate/EM
- B. /REPLICATE
- C. /MC_Retired
- D. /clients

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 119

What is the minimum number of EMC Avamar active storage nodes required for a RAIN server?

- A. 2
- B. 1
- C. 4
- D. 3

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 120

Which factor has the most impact on checkpoint overhead for an Dell Avamar server?

- A. Number of groups configured
- B. O/S platform of the clients
- C. System daily change rate
- D. Retention policy of the clients

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 121

In case of node failure, which single node ADS version requires neither a checkpoint backup to Data Domain, nor a replication pair?

- A. M1200
- B. M600
- C. S2400
- D. M2400

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 122

A Dell EMC Avamar multi-node server has a pending storage node replacement task. A company wants critical hourly backups to continue throughout any such repair activities.

Which recommended advice should be provided to the company?

- A. For node replacement, the backups must be temporarily routed to the utility node and then moved to storage nodes.
- B. Scheduled backups can continue during the node replacement task, but HFS checks must be disabled.
- C. For node replacement, the server must be in a known-good controlled state which disables backups.
- D. HFS checks can continue during the node replacement task, but backups must be disabled.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 123

Starting at the bottom, what is the recommended order for racking components in a Gen4 Dell Avamar Data Store rack without premium support?

- A. Utility, spare, storage, switches

- B. Switch A, utility, spare, storage, Switch B
- C. Switch A, spare, storage, utility, Switch B
- D. Switches, utility, storage, spare

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 124

A systems administrator has deployed the AVE in a KVM virtual environment. What should be done before starting the virtual machine?

- A. Configure memory settings
- B. Configure network settings
- C. Adjust the hard disk size

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 125

An administrator has opened the Replication page on Avamar Administrator and is attempting to configure a replication group. The administrator is unable to create the group.

What is the reason the group could not be created?

- A. The replication service was not started on the Avamar server
- B. A destination server was not defined by the administrator
- C. The storage mapping was not defined on the system
- D. The replication software package was not installed on the Avamar system

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 126

A Dell EMC administrator performs a full copy replication of backup data from the source server to a destination server.

Which topology is supported to perform a full copy replication?

- A. One-to-many
- B. One-to-one
- C. Many-to-one
- D. Bi-directional

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 127

A storage administrator has successfully configured an EMC Avamar to use Microsoft Windows Active Directory external authentication.

Which account or interface can be used with this authentication?

- A. MC User
- B. Backup and Recovery Manager
- C. admin
- D. Client Manager

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 128

Which type of Dell Avamar Gen4S node supports SAS drives?

- A. Media access node
- B. Storage node
- C. Accelerator node
- D. Business Edition node

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 129

Which command is used to configure basic networking on an EMC Avamar node?

- A. netconfig
- B. ifconfig
- C. netstat
- D. dpnnetutil

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 130

How long are the Avamar Fitness Analyzer results cached from the time of creation?

- A. 10 Min
- B. 15 Min
- C. 5 Min
- D. 30 Min

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 131

By default, what does the asktime utility do when executed on the utility node?

- A. Reports the time on the execution node
- B. Reports the NTP server's current time
- C. Configures the current time on the utility node and on all storage nodes
- D. Configures the current time on the execution node only

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 132

Which command instructs the EMC Avamar system to redistribute backup data from the most full nodes to the least full nodes?

- A. avmaint config balancemin=1 --avamaronly
- B. avmaint config balancemin=0-avamaronly
- C. avmaint config balancemin=100 --avamaronly
- D. avmaint config balancemin=2 --avamaronly

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 133

Which feature allows the Dell EMC Avamar Virtual Edition (AVE) to perform a disaster recovery of an AVE when integrated with Data Domain?

- A. Replication
- B. Checkpoint backups
- C. HFS checks
- D. Rollbacks

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 134

A storage administrator requires an EMC Avamar Virtual Edition (AVE) backup solution for a remote site. The site has 2000 GB of file system data. In addition, the data changes daily at an average rate of 0.5%.

What is the minimum AVE capacity that meets this requirement without taking retention into account?

- A. 4 TB
- B. 1 TB
- C. 0.5 TB
- D. 2 TB

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 135

What is the smallest supported RAIN configuration for Dell Avamar?

- A. 1 utility node, 0 spare nodes, 3 storage nodes
- B. 1 utility node, 0 spare nodes, 1 storage node
- C. 1 utility node, 1 spare node, 4 storage nodes
- D. 1 utility node, 1 spare node, 2 storage nodes

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Also known as the Non-RAIN (Redundant Array of Independent Nodes) configuration. This is the entry level configuration in which the single node acts as the utility node and the data storage node. When using this configuration 2 single nodes are needed. 1 is the main backup node, and the 2nd is used for replication purposes for fault tolerance. Used in small to medium sized environments.

Muti-Node Non RAIN.

This is basically is a 3 node setup consisting of 1 Utility Node and 2 Data Storage Nodes. It allows for double the storage capacity of a Single Node device.

This configuration also needs a duplicate setup for replication, so a total of 6 Nodes would be needed for fault tolerance. Used in medium sized environments.

Multi-Node RAIN.

The Standard RAIN configuration has 1 Utility Node, 4 Data Storage Nodes and 1 Spare Node. This configuration can be expanded for a total of 16 Data Storage Nodes max. All of the nodes work together to balance the storage equally across all of the other Data Storage Nodes. This architecture is easily scaled by adding as many Storage nodes as necessary. Typically used in large environments, this configuration can be initially setup with 3 Storage nodes instead of the standard 4 Storage nodes. It is recommended to setup a duplicate Multi-Node RAIN for replication, typically at a DR site. Although it is recommended, it is not a necessity like the Non-RAIN configurations, because there is a spare node that can be configured at any point for fault tolerance.

NEW QUESTION: 136

Which type of EMC Avamar server requires replication?

- A. Multi-node server integrated with Data Domain
- B. Standard single node server
- C. Business Edition single node server
- D. Standard multi-node system

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 137

According to EMC Avamar best practices, what is the maximum ratio of database data to file system data that a customer's environment should have?

- A. 10% / 90%
- B. 20% / 80%
- C. 50% / 50%
- D. 30% / 70%

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 138

According to Dell best practices, what is recommended when planning for an Dell Avamar client deployment?

- A. Maximum of 5 million to 10 million files per client
- B. Maximum of 500 GB of database data per client
- C. Maximum of 10 TB of file system data per client
- D. Maximum of 5 TB of database data per client

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 139

Which utility is used to maintain probe.xml file that is created during A Dell EMC Avamar server installation?

- A. mapall
- B. nodenumbers
- C. nodedb
- D. dpnctl

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 140

During the EMC Avamar maintenance window, what is the maximum number of backups for a multi- node Avamar server?

- A. 8 per storage node, minus 1 per server
- B. 4 for the Avamar server
- C. 4 per storage node, minus 1 per server
- D. 2 for the Avamar server

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 141

Based on Dell best practice, what is recommended when creating Avamar domains?

- A. A domain for every client
- B. A domain for each file system
- C. A minimal number of domains
- D. A sub-domain for each hardware platform

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 142

This command is executed on EMC Avamar server single01:

```
% replicate --dstaddr=single02 --dstid=root --dstpassword=secret --dpnname=single01
```

To which domain on server single02 is the replicated data sent?

- A. /
- B. /single01
- C. /REPLICATE/single01

D. /REPLICATE/single02

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 143

Which Dell EMC Avamar Gen4T storage nodes are supported for a RAIN configuration?

A. 2.0 TB and 3.3 TB

B. 1.3 TB and 2.6 TB

C. 3.3 TB and 7.8 TB

D. 3.9 TB and 7.8 TB

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 144

A storage administrator is planning to back up virtual machines residing on an ESX 4.0 server using Dell Avamar and VMware vSphere. What is a characteristic of this type of backup?

A. Image proxy is located on a virtual machine

B. All virtual machines must be running Microsoft Windows 2003

C. All virtual machines must be powered on

D. Avamar Interoperability Module must be installed

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 145

A company is purchasing an EMC Avamar 1x16+1 server for their backup needs with a second server for replication. They require a dedicated network for replication with high availability.

Which physical ports on the utility node are bonded for the backup network?

A. NIC 5 and NIC 7

B. NIC 2 and NIC 4

C. NIC 1 and NIC 2

D. NIC 1 and NIC 3

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 146

You have configured Dell EMC Avamar VMware backups to be sent to a Data Domain. The company needs to restore the VM due to a corruption of the OS leaving the VM unable to boot up.

What is the recommended restore option to reduce downtime of the VM?

A. Change Block Tracking

B. Instant Access

C. File Level Recovery

D. Image Restore

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 147

What type of VMware backup method(s) does EMC Avamar version 5.x support for ESX Server 4.0 and later versions?

- A. VCB and VMware Image Proxy
- B. Guest, Console, and VMware Image Proxy
- C. Guest and VMware Image Proxy only
- D. Guest and VCB

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 148

Which EMC Avamar utility is used to configure a multinode server within a NAT environment?

- A. netconfig
- B. dpnnetutil
- C. avmaint
- D. ifconfig

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 149

Which of the following are best practices when planning for a backup policy?

- A. Minimize the number of groups
A separate group is not needed for each client OS platform
- B. Maximize the number of groups
A separate group is needed for each client OS platform
- C. Default backup policy should be disabled
Add clients to an active backup policy
- D. Default backup policy should be enabled
Add clients to the appropriate enabled backup policy

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 150

By default, what percentage of file system storage space is reserved for operating systems and checkpoint overhead on an Dell Avamar server?

- A. 10%
- B. 20%
- C. 35%
- D. 50%

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

The OS View is the total file system in the Avamar, while the gsan View is the total allocated to stripes. Gsan view is 65% of the Avamar server and it is used mainly for user data - this is the

licensed capacity. Above that, 20% of the system file space is used for checkpoint overhead and the remaining 15% is for the operating system.

<http://gregandthenetwork.blogspot.com/2013/11/managing-avamar-server-capacity.html>

NEW QUESTION: 151

What is used by Avamar to identify the backup data on the PowerProtect DD appliance?

- A. Tags
- B. Metadata
- C. MTree hash
- D. root hash

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 152

By default, which port is used when communicating with the EMC Avamar server using the Avamar Administrative GUI?

- A. 7778
- B. 5555
- C. 8443
- D. 29000

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 153

Which Avamar solution is most appropriate for mid-market companies with limited resources?

- A. Avamar/Data Domain
- B. Avamar Data Protection Software
- C. Avamar multi-node
- D. Avamar Business Edition

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 154

An Avamar administrator is setting up a utility node with six Avamar storage nodes. Which xml file is used to properly configure the storage node?

- A. mcserver.xml
- B. acdc.xml
- C. gsankeydata.xml
- D. probe.xml

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 155

An administrator wants to run garbage collection manually. What may prevent the garbage collection job from starting?

- A. System is running in degraded mode
- B. Replication is still running
- C. Backups are still running
- D. OS capacity utilization exceeds 85 percent

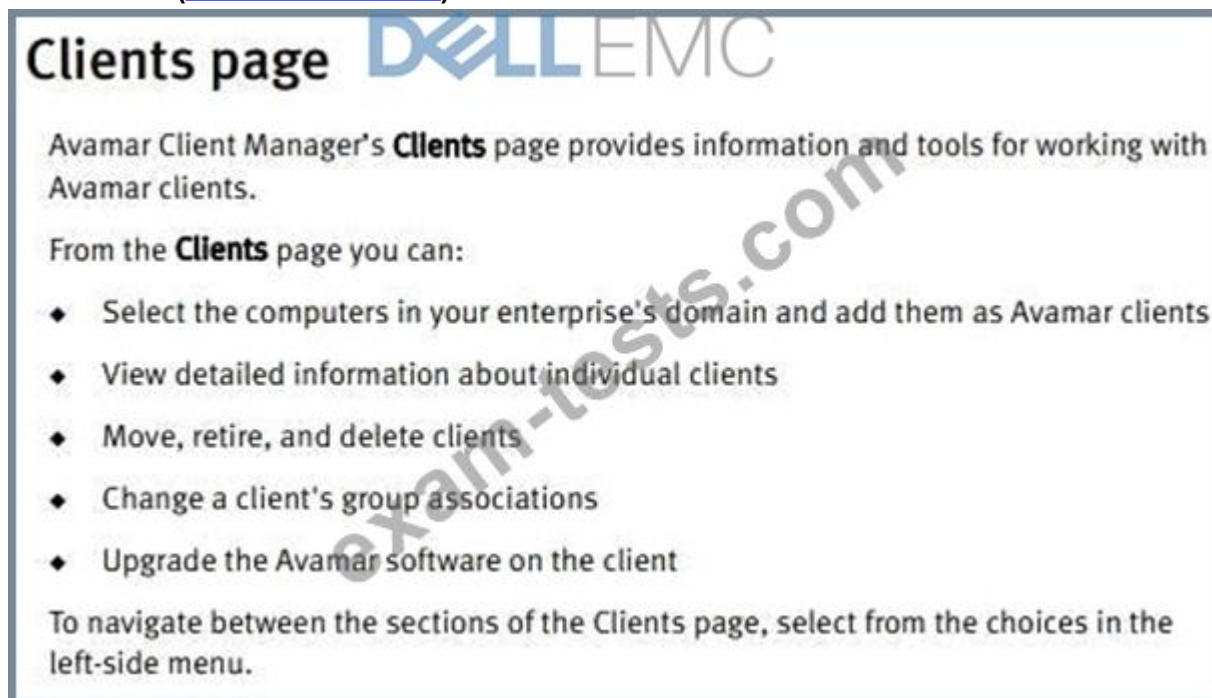
Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 156

Which tool is used to move a client to a new domain in Dell Avamar 6.0?

- A. Client Manager
- B. Activation Manager
- C. Enterprise Manager
- D. Installation Manager

Answer: A ([LEAVE A REPLY](#))



Clients page **DELL EMC**

Avamar Client Manager's **Clients** page provides information and tools for working with Avamar clients.

From the **Clients** page you can:

- ◆ Select the computers in your enterprise's domain and add them as Avamar clients
- ◆ View detailed information about individual clients
- ◆ Move, retire, and delete clients
- ◆ Change a client's group associations
- ◆ Upgrade the Avamar software on the client

To navigate between the sections of the Clients page, select from the choices in the left-side menu.

NEW QUESTION: 157

What is the recommended replication method for moving all data and clients from a single node to a multi- node Dell Avamar server?

- A. Selective replication
- B. Root-to-REPLICATE replication
- C. MCS/SQL Dump Export/Import
- D. Root-to-root replication

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 158

Which type of EMC Avamar fault tolerance provides protection against node failure?

- A. HFS check
- B. RAID
- C. RAIN
- D. Checkpoint

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 159

Based on Dell EMC best practices, what is recommended when creating Dell EMC Avamar domains?

- A. Domain for each file system
- B. Domain for each plug-in
- C. Minimal number of domains
- D. Sub-domain for each hardware platform

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 160

What does an HFS check do?

- A. Validates the integrity of a checkpoint
- B. Checks for RAID controller errors
- C. Performs a snapshot of an Avamar server
- D. Performs server checkpoint rollbacks

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 161

What is the default size of gsan.log file on a Dell EMC Avamar server?

- A. 25 MB
- B. 20 MB
- C. 35 MB
- D. 30 MB

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 162

A customer is currently running a 1 x 2 Avamar server with 1 TB nodes. In order to add new clients to their Avamar environment, the customer needs more capacity.

How can this be achieved?

- A. Add one, 2 TB node to the 1 x 2 infrastructure with RAIN enabled
- B. Upgrade the current Avamar 1 TB license to a 2 TB license
- C. Migrate the backup data to a new 1 x 4 server using root-to-root replication
- D. Add one, 1 TB node to the existing Avamar server with RAIN enabled

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 163

How many hours does the benchmark test run in an AVE install?

- A. 24
- B. 12
- C. 6
- D. 36

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 164

A system administrator has deployed the AVE 19.2 in a KVM virtual environment.

Which should be done before starting the virtual machine?

- A. Adjust the hard disk size
- B. Configure memory settings
- C. Configure network settings
- D. Upgrade the virtual machine version

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 165

An EMC customer wants to implement a backup solution for their virtual machines. They are interested in Avamar deduplication features. In addition, they want to minimize the backup capacity required. Their ESX environment is running optimally with sufficient resources.

Which VMware backup method will provide the most optimized capacity?

- A. VCB
- B. Image level without CBT
- C. Guest level
- D. Image level with CBT

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 166

Which hardware platforms are certified for the installation of the EMC Avamar "software only" edition?

- A. Dell, HP, and IBM

- B. Acer, Dell, and IBM
- C. HP, IBM, and Sun
- D. Dell, HP, and Sun

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 167

What commands are used during the manual node addition process?

- A. avmgr, nodedb add node, start.nodes
- B. status.dpn, nodedb add node, node.rebuild
- C. nodedb add node, start.nodes, avmaint config
- D. avmaint config, rebuild.node, dpnctl

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 168

Which hash represents each data chunk processed during an EMC Avamar backup?

- A. file metadata
- B. atomic
- C. root
- D. composite

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 169

An EMC Avamar backup environment performs nightly replication from a source server named "Avamar1" to destination server named "Avamar2." Due to security concerns, passwords on both Avamar servers were changed. The next night, replication failed.

What must be done to ensure that replication succeeds?

- A. Edit the "Avamar2" replication destination entry on the "Avamar1" server
- B. Revert the repluser password on "Avamar1" to its original value
- C. Reload the security keys on "Avamar1"
- D. Edit the "Avamar1" replication source entry on the "Avamar2" server

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 170

What is the maximum number and types of nodes for an Dell Avamar multi-node server?

- A. 7 storage, 1 utility, and 1 spare
- B. 15 storage, 1 utility, 1 accelerator, and 1 spare
- C. 16 storage, 1 utility, and 1 spare
- D. 18 storage, 1 utility, and 1 spare

Answer: C (LEAVE A REPLY)

Explanation/Reference:

CAPACITY

Avamar Data Store systems are available from as little as 1.3 TB up to 124 TB of deduplicated disk storage capacity. Specialized management, media access, and NDMP Accelerator Nodes round out the offering.

	Scalable Architecture (Up to 16 storage nodes)	Single-Node (Requires replication)
Usable licensed deduplicated disk storage capacity	11.7 to 124.4 TB	1.3 TB/2.6 TB/3.9 TB/7.8TB
Equivalent cumulative, traditional backup storage	Up to several PB	Up to several hundred TB

NEW QUESTION: 171

What is used to transfer configuration files to the Dell Avamar switch?

- A. SFTP
- B. SCP
- C. FTP
- D. TFTP

Answer: D (LEAVE A REPLY)

NEW QUESTION: 172

A company with an Avamar wants to back up VNX files.

What is the maximum number of simultaneous streams supported by a single NDMP accelerator with more than 8 GB of RAM?

- A. 4
- B. 2
- C. 8
- D. 12

Answer: (SHOW ANSWER)

NEW QUESTION: 173

Which level of granularity is used by Dell EMC Avamar to identify duplicate or redundant data?

- A. Files
- B. Variable block
- C. Fixed price
- D. Sub-file

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 174

A company wants to deploy Avamar with a configuration leveraging RAIN architecture. What Avamar Edition must be deployed to support this requirement?

- A. Avamar multi-node
- B. Avamar Business Edition
- C. Avamar Virtual Edition
- D. Avamar single-node

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 175

What is the URL to access the Avamar Web User Interface?

- A. https://avamar-server/au
- B. https://avamar-server:7543
- C. https://avamar-server/aam
- D. https://avamar-server/avi

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 176

By default, how many simultaneous client connections are supported by an Dell Avamar Virtual Edition server?

- A. 8
- B. 27
- C. 35
- D. 72

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:

D:

Avamar Desktop/Laptop environments include more clients than traditional Avamar systems. The Avamar Administrator server allows a maximum of 72 concurrent backup connections for each active storage node. The Avamar server reserves one connection for restores.

The total number of client connections which can be made to the Avamar server will vary according to which operations are currently running, how the connection is made and the number of data nodes which are online.

Various parameters in the /usr/local/avamar/var/mc/server_data/prefs/mcserver.xml file govern this behavior.

The number of concurrent jobs for the whole grid will not exceed max_current_jobs.

D:

Notes

A job is considered to be either a backup or a restore session.

Replication source session counts as a restore.

A single node or AVE system can be considered to have one data node.

- These values are defined by the MCS and altering them can have a negative impact on the performance of the Avamar system. The values are not controlled by EMC Engineering
- Backup sessions are initiated by avtar commands bypass the MCS and will therefore not obey the limitations defined above

AVE 7 is#

```
node name="wo">  
<map>  
  <entry key="use priority aging" value="true" />  
  <entry key="enforce max backup label len" value="true" />  
  <entry key="adhoc snapup retry limit" value="3" />  
  <entry key="no work response sec" value="60" />  
  <entry key="use backup window priority" value="false" />  
  <entry key="dynamic sleep" value="true" />  
  <entry key="emit cacheprefix for datasets" value="false" />  
  <entry key="backup window increment" value="2" />  
  <entry key="completed job retention hours" value="72" />  
  <entry key="replicator no work sleep" value="15" />  
  <entry key="userinfo fetch enable" value="true" />  
  <entry key="pageable no work response sec" value="240" />  
  <entry key="max completed job entries" value="5000" />  
  <entry key="backup window num periods" value="3" />  
  <entry key="use client mcsaddr as nfsaddr" value="true" />  
  <entry key="percent of gsan maxconn" value="75" />  
  <entry key="green list update sec" value="30" />  
  <entry key="enforce backup window" value="true" />  
  <entry key="enforce backup end time" value="true" />  
  <entry key="priority aging delay sec" value="60" />  
  <entry key="vcb proxy no work sleep" value="15" />  
  <entry key="proxyDirectivesXslFile" value="lib/proxyDirectives.xslt" />  
  <entry key="no progress timeout min" value="15" />  
  <entry key="sched snapup retry limit" value="3" />  
  <entry key="percent of max concurrent jobs hfscheck" value="10" />  
  <entry key="percent of max concurrent jobs" value="90" />  
  <entry key="max green list iter" value="5" />  
  <entry key="cancel normal window min" value="5" />  
  <entry key="cancel extended window min" value="15" />  
  <entry key="max concurrent jobs" value="500" />  
</map>
```

Multiple Avamar proxies can be deployed across a virtual infrastructure to optimize the efficiency of data protection. Irrespective of the number of proxies, they all share a single data that is synchronized across proxies and the Avamar server. These virtual appliances are deployed from a packaged OVA file in a matter of minutes, and can be deployed at strategic locations or on each hypervisor node in the cluster to reduce the amount of IO and data transmission over the virtual infrastructure. Each proxy in an Avamar infrastructure can handle 8 simultaneous backups with up to 48 proxies simultaneously executing backups under the management of a single Avamar Server (384 concurrent backups). Backups and restores are automatically load-balanced across multiple Avamar proxies within the virtual infrastructure ensuring that simultaneous backup capacity is maximized. In other words, a VM backup workload will be assigned to a non-busy proxy anywhere in the cluster. Given the high speed and minimal data transmission of Avamar backup, it is possible to capture backups for many thousands of virtual machines within a single virtual infrastructure managed by a single Avamar server (or Redundant Array of Independent Nodes).

```
<entry key="use priority aging" value="true" />
<entry key="enforce max backup label len" value="true" />
<entry key="adhoc snapup retry limit" value="3" />
<entry key="no work response sec" value="60" />
<entry key="use backup window priority" value="false" />
<entry key="dynamic sleep" value="true" />
<entry key="backup window increment" value="2" />
<entry key="emit cacheprefix for datasets" value="false" />
<entry key="completed job retention hours" value="2" />
<entry key="pageable no work response sec" value="240" />
<entry key="max completed job entries" value="5000" />
<entry key="backup window num periods" value="3" />
<entry key="max jobs per node" value="10" />
<entry key="green list update sec" value="30" />
<entry key="enforce backup window" value="true" />
<entry key="enforce backup end time" value="true" />
<entry key="priority aging delay sec" value="60" />
<entry key="vcb proxy no work sleep" value="15" />
<entry key="proxyDirectivesXsltFile" value="lib/proxyDirectives.xslt" />
<entry key="no progress timeout min" value="15" />
<entry key="schedule snapup retry limit" value="3" />
<entry key="percent of max concurrent jobs hfscheck" value="10" />
<entry key="percent of max concurrent jobs" value="90" />
<entry key="max green list iter" value="5" />
<entry key="cancel normal window min" value="5" />
<entry key="cancel extended window min" value="15" />
<entry key="max concurrent jobs" value="480" />
```

Assisted Ref# https://Dell--c.na5.visual.force.com/apex/KB_HowTo?id=kA0700000004Nlp

NEW QUESTION: 177

What are two available capacities for a Single Node Avamar Data Store Gen4T?

(Select 2)

- A. 7.8 TB
- B. 3.9 TB
- C. 8.0 TB

D. 1.0 TB

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 178

What is the maximum storage capacity in a single-node configuration of the Avamar server?

A. 2TB

B. 16TB

C. 3.9TB

D. 7.8TB

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 179

Where do you copy the Avamar software tar file to for an AVE install?

A. Virtual machine

B. Dedicated Avamar node

C. Virtual Center

D. ESX Server

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 180

A backup administrator is configuring a new Cloud Tier policy that moves backup to the Cloud after 90 days.

Which backup filter option should be set?

A. Retention Policy

B. Expiration

C. Retention Tag

D. Age Threshold

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 181

Which is a dedicated Avamar client that provides complete backup and recovery solution for any supported NAS system?

A. DDBoost

B. Data Mover

C. NDMP Accelerator

D. ADMe

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 182

A storage administrator is using the Avamar Administrator console to configure replication. What is the default password for the "repluser" account?

- A. 9RttoTriz
- B. changeme
- C. 8RttoTriz
- D. P3t3rPan

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 183

What would you run to determine if your EMC Avamar server is running in a steady state?

- A. dpnctl status
- B. capacity.sh
- C. healthcheck.pl
- D. status.dpn

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 184

While adding a new Dell EMC Avamar node, you got an error message related to GSAN. Where can you find the gsan.log file to review?

- A. /usr/local/avamar/src/var
- B. /data01/cur
- C. /usr/local/avamar/var
- D. /data01/cur/var

Answer: ([SHOW ANSWER](#))

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