VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021

NEW QUESTION 1
- (Exam Topic 1)
At 18:00, after a Windows update installation, a VM is stuck in an infinite boot loop. The VM is configured as follows.

Platform	VMware vSphere
Application	SQL Server
Disk 1 (OS)	60 GB, CBT enabled
Disk 2 (DATA)	400 GB, CBT enabled

The last backup was created at 01:00. Choose the recovery approach that provides the lowest RTO with the least data loss.

A. Instant VM Recovery with quick rollback
B. Instant VM Recovery
C. VM disk recovery with quick rollback of Disk 1
D. Virtual disk restore of Disk 1

Answer: D

Explanation:
https://helpcenter.veeam.com/archive/backup/110/vsphere/incremental_restore.html

NEW QUESTION 2
- (Exam Topic 1)
An administrator accidentally deleted a database. Veeam Explorer for Oracle will be used to restore it back. What is the fastest option to get the database online again?

A. Use the "Compare with Production" option to restore only the missing objects back to the Oracle database.
B. Use the "Point in Time" option to specify the point in time you want to restore the Oracle database to.
C. Use the "Quick Rollback" option to perform a restore of the changed blocks of the Oracle database file.
D. Use the "Instant Recovery" option and restore it in the background.

Answer: D

Explanation:
https://www.veeam.com/blog/v11-instant-recovery-reinvented.html?ad=in-text-link
According to the Veeam Backup Explorers guide1, Veeam Explorer for Oracle allows you to restore and export Oracle databases and Data Guard from backups created by Veeam Backup & Replication or Veeam Plug-in for Oracle RMAN1. You can use different restore options depending on your scenari1o.
If you want to restore a deleted database back to its original location, you can use the Instant
Recovery option. This option allows you to quickly mount a database from a backup file and start it on an
Oracle server without performing a full restore1. The database will be restored in the background while it is online and accessible1. This option provides the fastest recovery time objective (RTO) for restoring a deleted database1.

NEW QUESTION 3
- (Exam Topic 1)
A company needs to recover a VM from VMware very quickly. The company decides to use Instant VM Recovery from their last backup. What platforms can this backup be instantly restored to? (Choose three.)

A. Azure
B. Hyper-V
C. AWS
D. GCP
E. AHV
F. VMware

Answer: BEF

NEW QUESTION 4
- (Exam Topic 1)
Which of the following backup types are valid for both Veeam Agent for Microsoft Windows and Veeam Agent for Linux? (Choose two.)

A. Snapshot-level backup
B. File-level backup
C. Personal files backup
D. Volume-level backup
E. OS-level backup

Answer: BD

Explanation:
https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup_job_mode.html?ver=60

NEW QUESTION 5
- (Exam Topic 1)
A planned failover of three VMs has just completed successfully, starting the VMs at the disaster recovery location. What next actions are available for the failover plan?

A. Undo, Start, Copy, Delete

B. Cancel, Start, Edit, Delete
C. Cancel, Start, Copy, Delete
D. Undo, Start, Edit, Delete

Answer: D

Explanation:
https://helpcenter.veeam.com/archive/backup/110/vsphere/failover_plan_undo.html
According to the Veeam Backup & Replication user guide1, a failover plan is a set of rules that defines how VMs must be failed over to their replicas1. You can create and run failover plans for regular replicas and CDP replicas1.
After you run a failover plan, you can perform the following actions on it2:

≫ Undo — reverts VMs in the failover plan back to their original state at the production sit2e.

≫ Start — runs the failover plan again if you need to repeat the failover operation for some reaso2n.

≫ Edit — modifies the settings of the failover plan, such as adding or removing VMs, changing their order or time delay1.

≫ Delete — removes the failover plan from Veeam Backup & Replication. This does not affect the VM replicas that are used by the plan1.

NEW QUESTION 6
- (Exam Topic 1)
A Veeam administrator is concerned about keeping backups on site and has traditionally used tapes to store backups older than 30 days in order to free up space on their backup repository for longer-term storage. The company is currently using Scale-out Backup Repositories. What option would satisfy the requirement?

A. Copy to capacity tier
B. Move to capacity tier
C. Backup to object storage
D. File copy job

Answer: B

NEW QUESTION 7
- (Exam Topic 1)
A director in a business needs a folder of traffic photos restored from a Linux server. This machine sits on a VM backed up by Veeam Backup & Replication. The director wants the files restored to their original location and does not want to lose the original files. What functionality will be used to restore the folder using the Veeam Guest OS restoration wizard?

A. Restore the files using the "Versioning" functio
B. Files will be prefixed with numbers (1-, 2-, 3-, etc.).
C. Restore the files using the "Overwrite" functio
D. Original files will be renamed.
E. Restore the files using the "Hold" functio
F. The director can then determine the status of the original and restored files.
G. Restore the files using the "Keep" functio
H. Original files will be untouched

Answer: D

Explanation:
According to the Veeam Backup & Replication user guide1, you can use the Guest File Restore wizard to restore files and folders from VM guest OSes that run Linux or other non-Windows OSes2. The wizard allows you to choose how to handle situations when restored files already exist on the target location3.
Therefore, if you want to restore the folder of traffic photos to their original location and do not want to lose
the original files, you should use the Keep function. This function will preserve original files on disk and w not overwrite them with restored files

NEW QUESTION 8
- (Exam Topic 1)
A Scale-out Backup Repository with one local extent has been configured as follows.
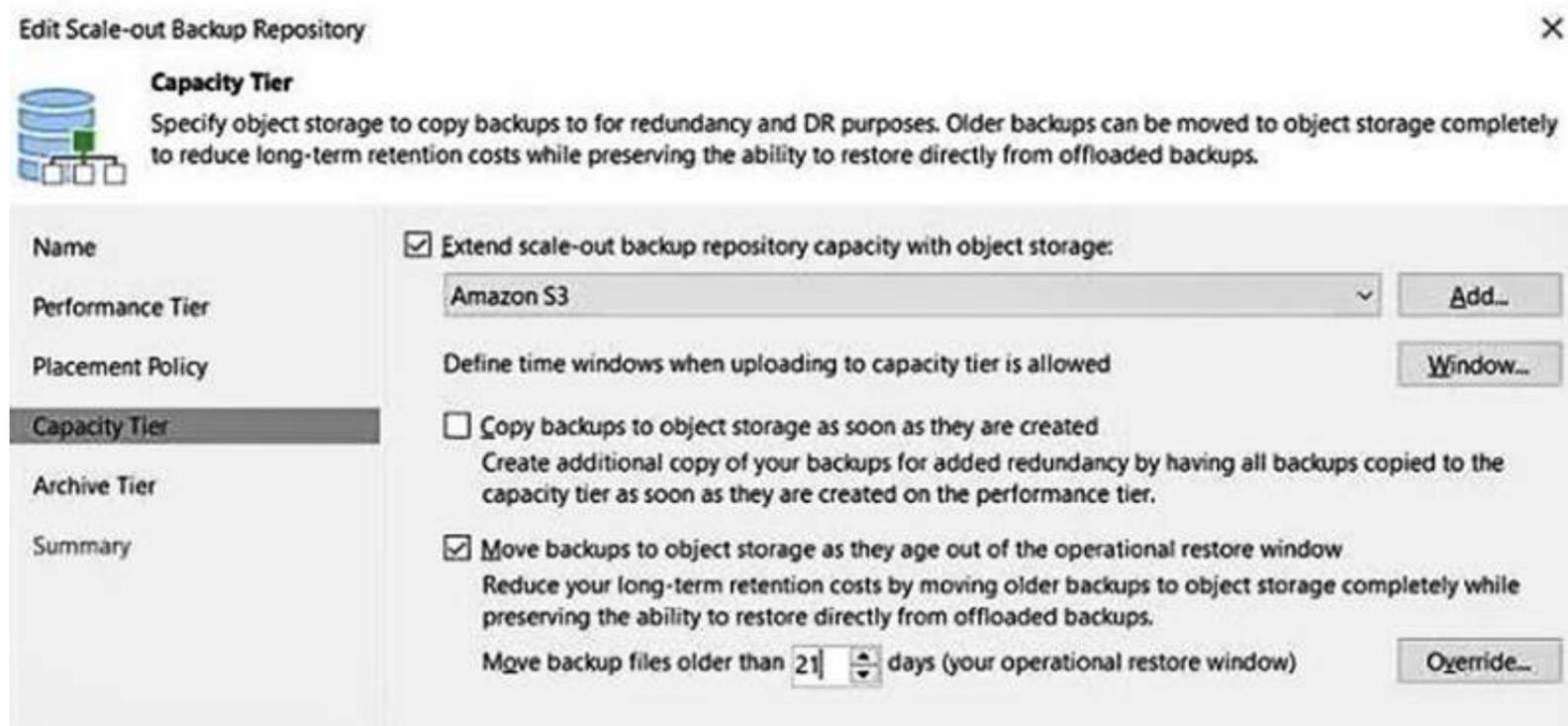
Edit Scale-out Backup Repository   ✕

Archive Tier
Specify object storage to archive your backup files to. This reduces your long-term retention costs, while increases restore time.

Name	☐ Archive GFS full backups to object storage:
Performance Tier	Amazon Glacier ⌄ [Add...]
Placement Policy	Archive GFS backups older than 60 ⌄ days [Storage...]
Capacity Tier	
Archive Tier	
Summary	
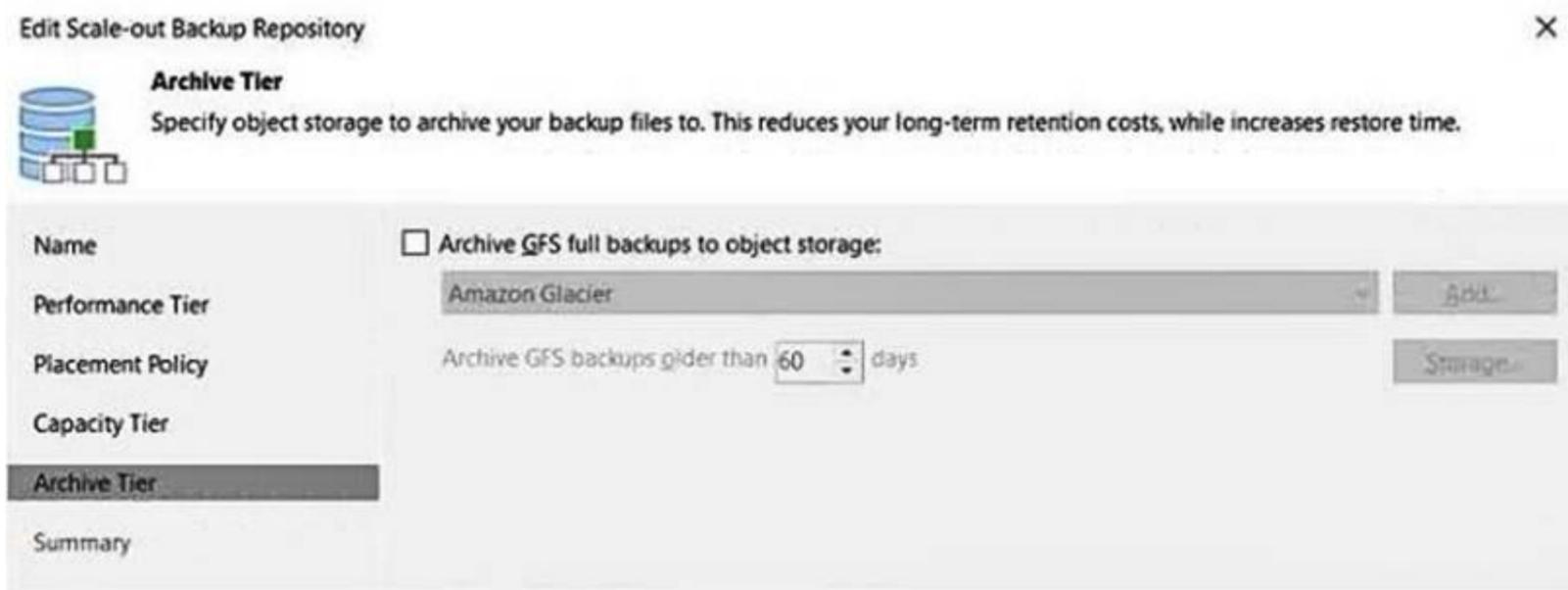
A daily VMware backup job retention is 31 days, keeping weekly GFS full backups for 14 weeks. It is Jan. 20. A file from a backup that occurred on Jan. 1 must be recovered. Where is the data?

A. The archive tier
B. The performance tier and the capacity tier
C. The performance tier
D. The capacity tier

Answer: C

NEW QUESTION 9
- (Exam Topic 1)
What is the default suffix added to a replica's VM name?

A. _secondary
B. _replica
C. _map
D. _seed

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
A backup job is configured as follows.

Mode	Forward incremental with weekly synthetic full
Start time	Every day at 20:00
Active full	Sunday
Restore points to keep	14 restore points
Time to finish job	1 hour
Job created	Friday, 13:00

How many full and incremental restore points will be in a repository on day 16 at 23:00?

A. 3 full and 14 incremental
B. 2 full and 12 incremental
C. 3 full and 15 incremental
D. 1 full and 13 incremental

Answer: B

NEW QUESTION 10
- (Exam Topic 1)
What does Veeam's Secure Restore functionality ensure during restores?

A. 256-bit AES encryption of in-flight data
B. Anti-virus scanning
C. Custom ports for in-flight data
D. Proper rights/permissions on files and folders

Answer: B

NEW QUESTION 11
- (Exam Topic 1)
A file on a Windows VM hosted on vSphere is corrupted and must be restored. VMware tools are installed and up to date on the VM. For some reason, the Veeam mount server cannot connect to the VM through the network. Which of the following restore methods provides the fastest restore (RTO)?

A. Run Veeam file restore wizard and let it restore through VIX.
B. Start an Instant VM Recovery session and log on into the restored image to copy/paste the file to restore.

C. It is impossible to restore the file on the VM if the mount server cannot reach it through the network.
D. Run Veeam file restore wizard and use the "copy to" to download the file locally in a shared folder.

Answer: A

Explanation:
According to the Veeam Backup & Replication user guide1, you can use the File Level Restore wizard to restore files and folders from VM guest OSes that run Windows2. The wizard allows you to choose how to access the VM guest OS: through network or through VIX2VIX is a VMware API that enables programmatic access to virtual machine operations3.
Therefore, if you want to restore a file on a Windows VM hosted on vSphere and the mount server cannot connect to the VM through the network, you can use VIX as an alternative method of access2. This will allow you to restore the file directly to its original location without downloading it locally or starting an Instant VM Recovery session.

NEW QUESTION 15
- (Exam Topic 1)
A Veeam administrator is creating a protection group that needs to back up all servers for the accounting department using Veeam Agent for Microsoft Windows. New accounting servers must be automatically added to the protection group. How is this accomplished?

A. Create a protection group that reads a .csv file listing the accounting servers.
B. Create a protection group and set it to automatically scan every three hours for new servers.
C. Install a configuration file on each of the accounting servers that adds it to the protection group.
D. Create an Active Directory based protection group targeted at an Active Directory security group.

Answer: D

NEW QUESTION 19
- (Exam Topic 2)
Veeam Backup & Replication supports which of the following NetApp Data ONTAP modes?

A. Only NatApp EDGE in 7-Mode
B. Clustered Data ONTAP only
C. Both 7-mode and Clustered Data ONTAP
D. 7-mode only

Answer: C

NEW QUESTION 24
- (Exam Topic 2)
What is the purpose of scheduling a virtual Synthesized full backup for tape jobs?

A. To be able to restore files and folders from tape
B. To be able to create the synthetic full .vbk backup directly on tape
C. To help save additional disk spate on tape
D. To avoid copying a full .vbk file to tape from the source reverse incremental backup Job

Answer: D

NEW QUESTION 25
- (Exam Topic 2)
A company is required to have a daily backup with a retention of at least six weeks. The backups are running every eight hours during the day. From the options provided, what backup job would you advise based on their SLA and best practices?

A. Forever forward incremental backup, with default job settings enabled
B. Forever forward incremental backup, with a retention of 42 restore points, savings six weekly full backups
C. Forever forward incremental backup, with a retention of 42 restore points
D. Forward incremental backup with weekly synthetic full backups and a retention of 42 days

Answer: D

NEW QUESTION 29
- (Exam Topic 2)
Which transport mode uses the VMware vSphere Hot-Add feature to attach the virtual disks of a source VM to the backup proxy VM?

A. Network
B. vPower
C. Virtual Appliance
D. Direct SAN access
E. Direct NFS access

Answer: C

NEW QUESTION 31
- (Exam Topic 2)
A company has replicated their critical application VMs to a second data center in another region. Their key application includes two database VMs and three application VMs. For proper operation, the database VMs need to start before the application VMs. What needs to be configured in Veeam to prepare for a disaster recovery situation?

A. Use a failover plan
B. Use a planned failover
C. Use Instant VM Recovery
D. Use on-click failover

Answer: A

Explanation:

Reference: https://www.veeam.com/virtual-machine-backup-solution-free.html
the course guide veeam say"a presente scenario for one click failover for a group of independent vms, you can set ORDER for the vm´s in the plan, and the delay intervals to make sure that some vms are already running at the moment to the dependent vms start"

NEW QUESTION 34
- (Exam Topic 2)
A backup administrator has replicated a virtual machine between two Hyper-V hosts and now would like to automatically verify the recoverability of the replica. What would they need to do?

A. It is not supported to perform SureBackup replica testing for Hyper-V
B. Create a virtual switch with no uplinks and start the virtual machine connected to the new switch
C. Create a virtual lab and an application group; create a SureBackup for the replica job and run it once a day
D. Start the virtual machine manually using the universal application item recovery wizard

Answer: A

NEW QUESTION 38
- (Exam Topic 2)
If you need to run a script to stop a service in order to get an application-consistent backup on a Windows server, where can the script be run?

A. In the guest processing setting of the job, enable application-aware processing and add a pre-freeze script to the VM
B. Configure the script to run on the Veeam Backup & Replication server using the Windows Task Scheduler
C. Copy the script to the VM and schedule the script to run prior to the start of the backup job using the Windows Task Scheduler in the VM
D. In the virtual machines setting of the job, add a script in the scripts tab under "Run the following script before the job:"

Answer: A

NEW QUESTION 42
- (Exam Topic 2)
What is the main advantage of using the Backup from Storage Snapshots feature?

A. It does not create VMware snapshot(s).
B. It saves space in the repository.
C. It speeds up the backup process.
D. It decreases the amount of time the VM is running on a VMware snapshot.

Answer: D

Explanation:
The backup process is going to take the same amount of time, but the commit operation of the vmware snapshot has shorter duration when working with storage snapshots

NEW QUESTION 46
- (Exam Topic 2)
What are the three Veeam Backup & Replication technologies required to verify recoverability of the backup?
(Choose three.)

A. Virtual lab
B. Application group
C. Backup proxy
D. SureBackup job
E. Gateway Server
F. Replication job

Answer: ABD

Explanation:
Reference: https://helpcenter.veeam.com/docs/backup/vsphere/recovery_verification_overview.html?ver=100

NEW QUESTION 51
- (Exam Topic 2)
Which of the following need to be performed in order to switch from the original VM to a VM Replica and then to use this replica as the original VM?

A. Change the replication Job to reverse the replication
B. Failback + commit failback
C. Undo failover
D. Permanent failover

Answer:

D

NEW QUESTION 53
- (Exam Topic 2)
Which of the following is required to enable tape parallel processing?

A. The source repository for the tape job is a scale out backup repository.
B. The tape library has multiple drives.
C. Two tape jobs are processed at the same time.
D. The tape drive has multiple tapes.

Answer: B

NEW QUESTION 55
- (Exam Topic 2)
Which of the following statements is true regarding the Veeam Backup & Replication integration with supported Storage Systems for VMware vSphere are true? (Choose three).

A. On storage accesses through NFS, VMs with snapshots will be skipped from Backup from Storage Snapshots
B. Veeam Backup & Replication can backup virtual machines from a supported secondary storage array
C. On storage accessed through NFS, VMs with snapshots can be protected with Backup from Storage Snapshots
D. When Backup from Storage Snapshots is performed, VMware shapshot is never utilized
E. Enabling Backup from Storage Snapshots for all backup jobs are not recommended

Answer: ABE

NEW QUESTION 59
- (Exam Topic 2)
A company has been running off replicated, business-critical VMs at their disaster recovery location since an earthquake near the primary data center occurred. Since the threat has passed, they want to stop the replicas and switch to the VMs at the primary data center without losing data. Which of the following actions is the first step they should take?

A. Failover
B. Permanent failover
C. Commit failback
D. Failback to production
E. Planned failover
F. Undo failover

Answer: D

NEW QUESTION 64
- (Exam Topic 2)
It the Backup Administrator has to perform a backup over a high-latency, low bandwidth network link, how can the disruptions to the backup process be avoided?

A. By making a direct backup using WAN accelerator.
B. By adding additional WAN accelerators to the target site.
C. By making a backup locally and utilizing WAN accelerators for a backup copy Job.
D. By adjusting the compression and deduplication settings for this Job.

Answer: C

NEW QUESTION 68
- (Exam Topic 2)
A backup administrator needs to restore two data drives to a VM where the operating system remains intact. The target machine must remain powered on. What recovery option is most appropriate to perform this operation?

A. Instant VM Recovery
B. Instant disk recovery
C. Restore entire VM
D. Restore VM files

Answer: B

Explanation:
https://helpcenter.veeam.com/docs/backup/vsphere/instant_disk_recovery.html?ver=100

NEW QUESTION 72
- (Exam Topic 2)
When configuring a SureBackup job, what are some of the criteria for adding servers to an application group? (Choose two.)

A. VMs cannot be encrypted
B. VM backups must reside on the same repository
C. VMs cannot be added to an application group twice
D. VMs must be running the same OS version
E. VMs must have at least one valid restore point

Answer: CE

Explanation:
Reference: https://helpcenter.veeam.com/docs/backup/vsphere/appgroup_vms_vm.html?ver=100

NEW QUESTION 73
- (Exam Topic 2)
Veeam ONE has been installed in the typical data collection mode and historical data is the installation default. A customer is looking at performance charts in Veeam ONE Monitor.
When troubleshooting a performance event from two days ago, what will they see?

A. Aggregated data every two hours
B. Data does not exist
C. Raw data every 20 seconds
D. Aggregated data every five minutes

Answer: D

Explanation:
https://helpcenter.veeam.com/docs/one/deployment/data_collection_modes.html?ver=100

NEW QUESTION 77
- (Exam Topic 2)
Which Vepdm Backup & Replication feature component is able to utilize Microsoft SQL Server transaction log backups for point-in-time restore?

A. U-AIR Microsoft SQL Recovery wizard
B. Instant Recovery
C. Full VM Restore
D. Veeam Explorer for Microsoft SQL

Answer: D

NEW QUESTION 82
- (Exam Topic 2)
Your company is using Veeam ONE to monitor VM performance in real time. An end user has called to complain about the performance of a VM and has asked you to investigate the cause of the issue. Where in Veeam ONE do you go to view real time VM metrics?

A. In the monitor client under the infrastructure view
B. In the reporter portal in the workspace tab, VM performance
C. In the monitor client under the data protection view
D. In the reporter portal in the dashboards tab, VM performance dashboard

Answer: A

Explanation:
Reference: https://www.veeam.com/blog/monitoring-vmware-hyperv-environment.html

NEW QUESTION 83
- (Exam Topic 2)
Which HPE SAN storage systems are supported by the Backup from Storage Snapshots feature in Veeam Backup & Replication? Choose three options.

A. HPE StoreVirtual and StoreVirtual VSA
B. HPE Nimble Storage AF-series and CS-series
C. HPE StoreEasy Storage
D. HPE 3PAR StoreServ
E. HPE StoreOnce

Answer: ABD

NEW QUESTION 87
- (Exam Topic 2)
A company needs to recover a domain controller from a backup file they have on premises which was created by the Veeam Agent for Microsoft Windows. Which of the following would provide the fastest access to the domain controller?

A. Use the Veeam Explorer for Active Directory to recover the domain controller
B. Perform an Instant VM Recovery to recover the domain controller to a VM on their VMware host
C. Perform a bare metal recovery of their domain controller back to the original system
D. Recover the domain controller to an AWS EC2 instance using the restore to Amazon EC2

Answer: B

Explanation:
Reference: https://www.veeam.com/blog/how-to-recover-a-domain-controller-best-practices-for-ad- protection.html

NEW QUESTION 89
- (Exam Topic 2)

Which of the following is NOT an advantage of Veeam ONE Monitor?

A. Built in phone home function for better security
B. Updates are signature based
C. Automatic problem mediation
D. Manual or scheduled log analytics

Answer: A

NEW QUESTION 92
- (Exam Topic 2)
Which Veeam Backup & Replication functionality allows a VM to be powered on directly from a backup file?

A. Planned failover
B. Instant VM Recovery
C. Item-Level Recovery using Veeam Explorer
D. Full VM Recovery

Answer: B

NEW QUESTION 94
- (Exam Topic 2)
Which of the following is the extension of a Veeam Backup & Repletion configuration backup file?

A. The file extension is specified in the configuration backup sellings.
B. .bco
C. .vbm
D. .cbo
E. .vbk

Answer: B

NEW QUESTION 97
- (Exam Topic 2)
Which of the following scenarios properly applies the 3-2-1 rule to backup jobs?

A. Use a backup job to back up to a Scale-out Backup Repository configured with capacity tier using AWS S3 and enable move mode
B. Use a backup job to back up to a local repository; perform a backup copy job to a repository in another location
C. Use backup jobs to back up directly to tape; ship the tapes off site
D. Use a backup job to back up to a local repository; perform a backup copy job to the same repository

Answer: D

NEW QUESTION 102
- (Exam Topic 2)
which actions can be used to locate the exact extent of a scale-out backup repository containing a particular VM's backup data? Choose two options.

A. Check scale out backup repository settings
B. Check the specific VM in the job statistics
C. Check the inventory view for the specific VM
D. Open the extent repositories manually
E. Check backup proxy settings

Answer: AB

NEW QUESTION 103
- (Exam Topic 2)
A company wants to leverage Veeam DataLabs to automate the creation of a test environment. As testing one large, multi-VM application could require more than a single host, a dedicated VMware ESXi cluster has been identified. The sandbox is to be refreshed weekly or on demand. Select the benefits of using replication jobs in this environment. (Choose two.)

A. There are additional tests available in DataLabs when replicas are the source
B. Replication jobs do not stop the sandbox, unlike backup jobs
C. The VMs are running directly on a high performance datastore, uncompressed
D. There is a bigger number of VMs supported for multi-VM application tests when replicas are used
E. Replicas can take advantage of advanced multi-host virtual labs

Answer: CE

Explanation:
https://helpcenter.veeam.com/docs/backup/vsphere/surereplica_advanced_mutihost.html?ver=100

NEW QUESTION 106
- (Exam Topic 2)
A customer currently has one backup job that runs every four hours to backup their VMs in a transaction consistent state. Which job configuration will keep all restore points safe in case the primary site and backups go down while still being able to do a point-in-time recovery of a SQL database from the backups on the second site?

A. Configure a second VM backup job and schedule it to copy every four hours, starting at midnight, to a repository on the second site
B. Configure a backup copy job in mirror mode, to a repository on the second site
C. Configure a backup copy job in pruning mode and schedule it to copy every four hours, starting at midnight, to a repository on the second site
D. Configure a backup copy job in pruning mode and have it copy data every day, starting at midnight, to a repository on the second site

Answer: B

Explanation:
https://www.running-system.com/veeam-version-10-favorite-features-immediate-copy-mirroring/

NEW QUESTION 110
- (Exam Topic 2)
Which of the following options describe the Veeam Data Mover Service function most accurately? Choose two options.

A. Analyzes the system and installs and upgrades necessary components and services, depending on the role selected for the server
B. Copies VM files
C. Reduces load on the network and helps speed up restores
D. Performs data compression, deduplication and data transfer

Answer: BD

NEW QUESTION 111
- (Exam Topic 2)
A scale-out backup repository is configured with data locality policy. How is an extent selected during an active full backup? (Choose two.)

A. Always the same extent as the previous full backup
B. An extent determined based on load control settings and free space
C. A different extent from the previous chain to avoid single point of failure, if possible on free space
D. It tries the same location as the previous full if using a deduplication appliance

Answer: BD

NEW QUESTION 116
- (Exam Topic 2)
Which of these repository types CANNOT be an extent of a scale-out backup respository? Choose two options.

A. A deduplicating storage appliance
B. A Windows server
C. A Cloud Connect cloud repository
D. A shared folder (CIFS/SMB share)
E. Another scale out repository
F. A Linux Server

Answer: CE

NEW QUESTION 120
- (Exam Topic 2)
What transport mode does the Linux backup proxy support?

A. Automatic
B. Network
C. Direct storage access
D. Virtual appliance

Answer: D

Explanation:
Reference: https://helpcenter.veeam.com/docs/backup/vsphere/backup_proxy.html?ver=100

NEW QUESTION 121
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