

VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021



NEW QUESTION 1

- (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 2

- (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 sit^{2e}.
- 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 3

- (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 4

- (Exam Topic 1)

A daily backup job for seven Hyper-V VMs has been configured at the main site, keeping 14 days' worth of backup files. They want to get a copy of the VM backups to a repository at the disaster recovery site. They want to keep six months' worth of backup files at the disaster recovery site. They also need to be able to restore the VMs to any given day within two months and any given week within six months. How should a backup copy job be configured to meet these requirements?

- A. Use periodic copy (pruning) mode, keeping 180 days of retention.
- B. Use immediate copy (mirroring) mode, keeping 62 days of retention and 26 weekly GFS restore points.
- C. Use periodic copy (pruning) mode, keeping 62 days of retention and six monthly GFS restore points.
- D. Use immediate copy (mirroring) mode, keeping 180 days of retention.

Answer: B

Explanation:

According to the Veeam Backup & Replication user guide¹, you can use a long-term retention policy (GFS) keep backup files for longer periods of time. GFS stands for grandfather-father-son and refers to a backup rotation scheme that allows you to create weekly, monthly, quarterly and yearly restore points¹².

Therefore, if you want to be able to restore the VMs to any given day within two months and any given week within six months, you should use a GFS policy with 62 days of retention and 26 weekly GFS restore points. The simplest configuration would be an immediate copy (mirroring) mode with these settings (option B).

NEW QUESTION 5

- (Exam Topic 1)

A backup administrator decided to move the Veeam Backup & Replication server and configuration database to new servers. Which configuration restore mode should be used?

- A. Migrate

- B. Planned failover
- C. Restore
- D. Failover plan

Answer: A

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/vbr_config_migrate.html?ver=120#step5

NEW QUESTION 6

- (Exam Topic 1)

An administrator has decided to set up a VM backup job covering their Microsoft SQL servers. What feature must be enabled to ensure quiescence of the SQL databases during the backup?

- A. Enable Microsoft SQL server plug-in.
- B. Enable application-aware processing.
- C. Enable Microsoft Windows OS processing.
- D. Enable Microsoft SQL server agent on the VMs

Answer: B

Explanation:

According to the Veeam Agent for Microsoft Windows User Guide¹, you need to enable application-aware processing to ensure quiescence of the SQL databases during the backup. Application-aware processing allows Veeam Agent for Microsoft Windows to create transactionally consistent backups of SQL Server VMs.

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)

An administrator needs to configure a backup job that dynamically adds new VMware hosted SQL servers. How can this be accomplished?

- A. Create a dynamic backup job in Enterprise Manager.
- B. Create a job based on vSphere tags.
- C. Create a CSV file that is scanned before the backup job starts.
- D. Enable application aware processing.

Answer: B

NEW QUESTION 9

- (Exam Topic 1)

A physical Linux server protected by a centrally managed Veeam agent is physically damaged. A VMware vSphere infrastructure is available, and the physical server is eligible for virtualization. Which recovery step provides the lowest possible RTO?

- A. Use Instant VM Recovery to VMware vSphere.
- B. Use Instant Disk Recovery to VMware vSphere.
- C. Use Export Disk Content as Virtual Disk to create a new VM.
- D. Use Bare Metal Restore to VMware vSphere VM.

Answer: A

Explanation:

According to the Veeam Agent for Linux User Guide¹, you can use the Restore volumes option to perform bare metal recovery of your computer. However, this option requires you to boot from the Veeam Recovery Media and may take some time to complete.

Another option is to use Instant VM Recovery to VMware vSphere. This option allows you to run your Linux computer directly from a backup file as a VMware VM without restoring any data. This can significantly reduce your RTO and provide immediate access to your applications and data.

NEW QUESTION 10

- (Exam Topic 1)

Which of the following are valid export options for Microsoft SQL Server items when using the Veeam Explorer for Microsoft SQL? (Choose two.)

- A. .mdb file
- B. .bak file
- C. .mdf file
- D. .sql file
- E. .xls file

Answer: BC

Explanation:

https://helpcenter.veeam.com/docs/backup/explorers/vesql_data_export.html?ver=120

NEW QUESTION 10

- (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 15

- (Exam Topic 2)

A backup administrator is planning to install Veeam ONE. Which data collection mode collects the most data per VM?

- A. For vCenter data only
- B. Optimized for advanced scalability deployment
- C. For backup data only
- D. Optimized for typical deployment

Answer: D

Explanation:

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

NEW QUESTION 16

- (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 space on tape
- D. To avoid copying a full .vbk file to tape from the source reverse incremental backup Job

Answer: D

NEW QUESTION 17

- (Exam Topic 2)

A backup job has been configured to keep three incremental restore points and a synthetic full backup each Sunday. More restore points are present on disk than what was configured in the job. Why?

- A. The old restore points will be deleted after the new restore chain meets the retention policy
- B. Per VM backup files are enabled in the repository
- C. The other restore points are weekly full backups, this is expected
- D. You should configure the synthetic full backup to be performed on Mondays instead

Answer: A

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/synthetic_full_hiw.html?ver=100 Reference: <https://www.veeam.com/kb1990>

NEW QUESTION 22

- (Exam Topic 2)

The advanced installation scenario requires installing the Veeam ONE Server component (server part) on one machine and installing the Veeam ONE Web UI component (client part) on another machine.

- A. True
- B. False

Answer: A

NEW QUESTION 27

- (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 31

- (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 35

- (Exam Topic 2)

Select the correct description of a synthetic full backup.

- A. A synthetic full backup will generate a new VBK file by getting data from the hypervisor
- B. A synthetic full backup combines a VIB file with one or more VBK files from a repository to generate a new VBK file
- C. A synthetic full backup combines a VBK file with one or more VIB files from a repository to generate a new VBK file
- D. A synthetic full backup will update the existing VBK with data from the hypervisor and generate a new VRB file

Answer: A

Explanation:

Reference: https://helpcenter.veeam.com/docs/backup/hyperv/synthetic_full_backup.html?ver=100

NEW QUESTION 39

- (Exam Topic 2)

Which is a prerequisite in order for the CRC check to be executed during a SureBackup Job?

- A. The .vbm file is corrupt.
- B. The Backup file integrity check option was enabled in the SureBackup job setting.
- C. One or more of the SureBackup recovery verification tests failed.
- D. The repository where the backup is stored is a shared folder (CIFS/SMB).

Answer: B

NEW QUESTION 40

- (Exam Topic 2)

A financial company is looking for a new backup application. One of their main requirements is the ability to have quick access to their backup data. What features in Veeam Backup & Replication support the rapid availability of data, applications and VMs? (Choose three.)

- A. Full VM recovery without quick rollback
- B. Microsoft SQL database, and Oracle database publishing
- C. Instant VM Recovery
- D. Instant VM disk recovery
- E. Bare metal recovery
- F. Restore to Amazon EC2

Answer: BCD

NEW QUESTION 43

- (Exam Topic 2)

A Backup Administrator needs to create a fully functional VM at a secondary location in an isolated network. The VM should not require manual editing or modifications to the configuration. Which of the following jobs could the Backup Administrator use? Choose two options.

- A. SureBackup
- B. VeeamZip
- C. VM Copy
- D. Replication
- E. Backup
- F. Configuration Backup

Answer: CD

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/about_replication.html?ver=100 https://helpcenter.veeam.com/docs/backup/vsphere/vm_copy.html?ver=100

NEW QUESTION 47

- (Exam Topic 2)

To suppress Veeam ONE alarms under specific conditions or when a specific event occurs, which of these options can be selected? (Choose three.)

- A. High CPU usage
- B. Veeam backup activity
- C. Snapshot creation
- D. Storage snapshot deletion
- E. Storage snapshot creation
- F. Snapshot deletion

Answer: BCF

Explanation:

Reference: https://helpcenter.veeam.com/docs/one/alarms/alarm_suppression.html?ver=100

NEW QUESTION 50

- (Exam Topic 2)

If your mount server is running Windows Server 2019 and you are performing a secure restore, which statement below is true?

- A. NTFS is the only format supported.
- B. RefS will be skipped.
- C. RefS will be processed and scanned.
- D. Storage Spaces disks will be processed and scanned.

Answer: A

NEW QUESTION 54

- (Exam Topic 2)

Which storage optimization option uses a block size of 512 KB?

- A. LAN target
- B. WAN target
- C. Local target (large blocks)
- D. Local target

Answer: A

Explanation:

Reference: https://helpcenter.veeam.com/docs/backup/hyperv/compression_deduplication.html?ver=100

NEW QUESTION 58

- (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 63

- (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 67

- (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 72

- (Exam Topic 2)

Which Veeam Backup & Replication job type offers the shortest recovery time objective (RTO)?

- A. Backup copy
- B. Backup to tape
- C. Replication
- D. File to tape

Answer: C

Explanation:

Reference: <https://helpcenter.veeam.com/docs/backup/vsphere/replication.html?ver=100>

NEW QUESTION 74

- (Exam Topic 2)

Which of the following is an additional database restore option in the Veeam Explorer for Microsoft SQL?

- A. RECOVERY
- B. NORECOVERY
- C. SIMPLE
- D. ACTIVE

Answer: A

NEW QUESTION 75

- (Exam Topic 2)

In the event a VMware VM configuration file (VMX) is missing and a restore is needed, what Veeam restore process is the best choice for this situation?

- A. VM file restore
- B. Instant disk recovery
- C. Instant VM recovery
- D. Virtual disk restore

Answer: A

Explanation:

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

NEW QUESTION 80

- (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 81

- (Exam Topic 2)

Which of the following statements are true regarding backup copy jobs in Veeam Backup & Replication? (Choose two.)

- A. The backup copy job creates a forever forward incremental backup chain
- B. The backup copy job creates a single file with multiple restore points included within for archival purposes
- C. During the backup copy job process, a VM snapshot is created for consistency
- D. Retention settings maintain the desired number of restore points as well as offer optional GFS for archival purposes
- E. Backup copy jobs copy entire VBK, VIB, or VRB files from the source backup repository to the target backup repository

Answer: AD

Explanation:

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

NEW QUESTION 82

- (Exam Topic 2)

What is Veeam vPower NFS Service used for?

- A. It is used to send data to the original location or to a new location specified by the user when restoring It.
- B. It allows Veeam Backup & Replication to present VM files in a native format to an ESXi host, from a compressed and deduplicated backup file.
- C. It is used to mount a compressed and deduplicated backup file directly to the backup server and perform file and item level restore.
- D. It continuously checks the configuration settings of jobs and starts them in accordance with their schedules.

Answer: C

NEW QUESTION 87

- (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 89

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