

# VEEAM

## Exam Questions VMCE2021

Veeam Certified Engineer 2021



**NEW QUESTION 1**

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

**NEW QUESTION 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 3**

A company has separate networks for management traffic and data traffic. All Veeam components are communicating over the management network. How would they define the data network for backup data transfers?

- A. Re-add all Veeam components involved in data transfer through the required interfaces
- B. Update routing tables on the components involved in data transfer
- C. Create a global network traffic rule, set appropriate source and target IP range
- D. Use the preferred network settings to switch to data network for the backup traffic

**Answer: D**

**Explanation:**

[https://helpcenter.veeam.com/docs/backup/vsphere/select\\_backup\\_network.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/select_backup_network.html?ver=100)

**NEW QUESTION 4**

What additional metadata is captured when backing up vCloud Director VMs?

- A. vDC metadata
- B. Replica metadata
- C. vApp metadata
- D. Backup metadata

**Answer: C**

**NEW QUESTION 5**

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 6**

A company has outgrown their current data center and plans to use the second data center as the new primary and needs to migrate their workloads. They are running VMware in both data centers. Which steps would allow this migration to occur without any data loss?

- A. \*1. Replication job \*2.Failover plan\*3.Permanent failover
- B. \*1. Backup job\*2. Instant VM Recovery\*3. Finalize the Instant VM Recovery
- C. \*1. Replication job \*2.Failback \*3.Commit failback
- D. \*1. Replication job \*2.Planned failover \*3.Permanent failover

**Answer:** D

**Explanation:**

[https://helpcenter.veeam.com/docs/backup/vsphere/planned\\_failover.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/planned_failover.html?ver=100)

**NEW QUESTION 7**

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 8**

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 9**

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/about_replication.html?ver=100) [https://helpcenter.veeam.com/docs/backup/vsphere/vm\\_copy.html?ver=100](https://helpcenter.veeam.com/docs/backup/vsphere/vm_copy.html?ver=100)

**NEW QUESTION 10**

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 10**

Offloading backup files to the capacity tier of a scale out repository can be done automatically by leveraging what type of job?

- A. Archive Job
- B. Offload Job
- C. Backup Copy Job
- D. Backup Job

**Answer:** D

**NEW QUESTION 15**

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 20**

You use datastores as the source for your backup jobs. Some VM backups are consuming too much repository disk space. They have backup files created by multiple backup jobs. What could be the reason? (Choose two.)

- A. VMware Storage DRS (Distributed Resource Scheduler) moved VMs to different datastores
- B. Jobs are configured as per VM and these particular VM's need more fulls
- C. VM retention is set to do full backups more often than others in the job
- D. The VM is in a backup chain and trapped inside a single retention file
- E. The VMs were moved to different datastores manually

**Answer:** BE

#### NEW QUESTION 25

Which of the following statements are true when comparing a synthetic full backup to an active full backup on an NTFS-based backup repository? Choose two options.

- A. If the backup repository performance is weak, creating synthetic full backups is the best choice.
- B. Synthetic full backups consume more network bandwidth.
- C. Synthetic full backups impose less load on the production environment.
- D. In terms of content and retention, the synthetic full backup file is identical to an active full backup file.
- E. Synthetic full backups are always best when launched on a dedupe appliance.
- F. The synthetic full backup file has a .vsb extension, whereas the active full backup has a .vbk extension.

**Answer:** CD

#### NEW QUESTION 28

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

#### NEW QUESTION 32

An end user has deleted a business-critical document and they need it back right away. The IT team has been doing hypervisor-level backups of the VM that the document was on. What is the fastest option for this backup administrator to get the user's document back?

- A. Entire VM restore
- B. Guest files restore
- C. Instant VM Recovery
- D. Virtual disks restore

**Answer:** B

#### NEW QUESTION 34

When protecting VMs, where is the Veeam CBT driver (file system filter driver) installed?

- A. On every managed Hyper-V 2012 R2 or older host
- B. On every managed Veeam backup proxy
- C. On every managed server
- D. On every managed VMware vSphere ESXi 5.1 or older host
- E. On every managed Hyper-V 2016 or newer host

**Answer:** A

#### NEW QUESTION 36

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 41

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

#### NEW QUESTION 43

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 48

Which is the mount server component used?

- A. When there are multiple backup servers
- B. When backing up to tape at a remote site
- C. When the remote backup repository is a CIFS share
- D. When restoring files or application items with Veeam Explorers

**Answer:** D

#### NEW QUESTION 49

Which backup method produces a backup chain that consists of the first full backup file (VBK) and a set of incremental backup files (VIB) following it? Additionally, the backup chain contains synthetic full and/or active full backup files that divide the backup chain into shorter series.

- A. Forward incremental backup
- B. Differential incremental backup
- C. Reverse incremental backup
- D. Forever forward incremental backup

**Answer:** A

#### NEW QUESTION 53

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 57

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

#### NEW QUESTION 60

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 63

When a replication job is configured to use the replica mapping feature (no seeding), what will happen during the first run of the job?

- A. The replication job creates a clone of the mapped replica to preserve the original state before synchronizing the changes from the source infrastructure
- B. The replication job calculates the differences between the original and mapped VM; only the incremental changes will be synchronized
- C. The replication job will first restore the VM from the most recent restore point and then start to synchronize the incremental changes from the source infrastructure
- D. If a VM within the replication job is not mapped, the job will fail

**Answer:** B

#### NEW QUESTION 65

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](https://helpcenter.veeam.com/docs/backup/vsphere/synthetic_full_hiw.html?ver=100)

#### NEW QUESTION 66

Veeam is used for replicating VMware VMs. The production environment is comprised of two networks: \* 192.168.1.0/24 and 172.16.0.0/16.

A web application requires a database server (whose IP address is 172.21.0.12) to receive queries from a web client (whose IP address is 192.168.1.32). The replicas are spread over multiple hosts. A backup administrator needs to configure a virtual lab to test a web client to database server query. Which of the following virtual lab types must be configured?

- A. Advanced multi-host
- B. Advanced single-host
- C. All virtual lab configurations would support that
- D. Basic single-host

**Answer:** B

#### NEW QUESTION 71

A company needs to maintain and verify backups at a secondary site to meet the following requirements: RTO of two hours, RPO of 12 hours, four weeks retention. Which of the following backup copy job configurations meets these requirements?

- A. Periodic backup copy job, scheduled for a two-hour interval, with 56 restore points to retain
- B. Periodic backup copy job, scheduled for a 12-hour interval, with 56 restore points to retain
- C. Periodic backup copy job, scheduled for a two-hour interval, with 112 restore points to retain
- D. Periodic backup copy job, scheduled for a 12-hour interval, with 112 restore points to retain

**Answer:** B

#### NEW QUESTION 73

What transport mode does the Linux backup proxy support?

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

**Answer:** D

#### NEW QUESTION 76

When deploying an advanced single-host virtual lab in a VMware environment, what will Veeam create?

- A. A distributed virtual switch with uplink(s)
- B. A standard virtual switch with uplink(s)
- C. A distributed virtual switch without uplink(s)
- D. A standard virtual switch without uplink(s)

**Answer:** B

#### NEW QUESTION 81

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 82

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 85

If the deduplication setting are changed for an existing job, when will the new setting be applied?

- A. At the next run of the job
- B. If any kind of full backup is created
- C. If a new active full backup is created
- D. Only when you rescan the repository that stores the backup files

**Answer: C**

#### Explanation:

[https://helpcenter.veeam.com/archive/backup/95/vsphere/compression\\_deduplication.html](https://helpcenter.veeam.com/archive/backup/95/vsphere/compression_deduplication.html)

To apply new deduplication settings in backup jobs, you must create an active full backup after you change deduplication settings. Veeam Backup & Replication will use the new block size for the active full backup and subsequent backup files in the backup chain.

#### NEW QUESTION 90

You fail back a VM replica to the original location. Which of the following requirements needs to be met to be able perform quick rollback during a failback of a replica?

- A. Perform failback to VM within the same subnet
- B. The VM replica must be created with the "Use Changed Block Tracking data" option enabled
- C. Indexing must be enabled for the original VM
- D. The VM replica must have access to the repository where the full backup of the VM resides

**Answer: B**

#### NEW QUESTION 95

Which of the following can help reduce the amount of traffic that is sent over the network during the second run of a replication job?

- A. Replica seeding
- B. Re-IP rules
- C. Replica mapping
- D. WAN acceleration for replicas

**Answer: A**

#### Explanation:

[https://helpcenter.veeam.com/docs/backup/vsphere/replica\\_seeding.html#:~:text=Replica%20seeding%20and%](https://helpcenter.veeam.com/docs/backup/vsphere/replica_seeding.html#:~:text=Replica%20seeding%20and%20)

#### NEW QUESTION 100

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**

#### NEW QUESTION 103

An Availability engineer has configured Veeam Backup & Replication to replicate a mission critical VM to a DR site on an hourly basis and with 24 restore points. The production site has suffered a storage failure and needs to bring up the mission critical machine as soon as possible. Which step should the Availability engineer do next?

- A. Create a failover plan
- B. Failover to the replica VM
- C. Failback of the replica VM
- D. Planned failover to me replica VM

**Answer: B**

#### NEW QUESTION 107

Why is it recommended to install Veeam ONE before Veeam Backup & Replication?

- A. Veeam ONE is a prerequisite for Veeam Backup & Replication Installation.
- B. Veeam ONE can assess the Infrastructure for potential Issues prior to performing a backup.
- C. Veeam ONE verify that the server where Veeam Backup & Replication will be Installed meets all system requirements.
- D. It Is recommended to add all of the servers involved in the backup process to Veeam ONE first, and then import the configuration to Veeam Backup & Replication

**Answer: B**

#### NEW QUESTION 110

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

#### **NEW QUESTION 115**

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