



VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021

NEW QUESTION 1

- (Exam Topic 1)

In Veeam Enterprise Manager, what granular restoration permission can be set for the Restore Operator role?

- A. SharePoint items
- B. File items
- C. Active Directory items
- D. OneDrive items

Answer: B

Explanation:

Restore Operator: - Access objects from the restore scope on the Machines and Files tabs - Perform restore operations as permitted by the delegation settings
https://helpcenter.veeam.com/docs/backup/em/em_about_accounts_and_roles.html?ver=120

NEW QUESTION 2

- (Exam Topic 1)

Veeam ONE _____ can detect when a potential ransomware attack is happening and be configured to take mitigating actions.

- A. Reporting
- B. Alert Management
- C. Alarm Management
- D. Data Protection View

Answer: C

Explanation:

Veeam ONE can help notify you of suspicious activity in your datacenter through the Possible Ransomware Activity alarm. This alarm can be configured to take mitigating actions such as sending an email notification, running a script or creating a support case.

NEW QUESTION 3

- (Exam Topic 1)

15 VMs are running on a Hyper-V platform and five physical servers at a remote office (ROBO). The administrator has been tasked with setting up centralized off-site backups at the headquarters (HQ). The available bandwidth is 50 Mbps. RPO is set to six hours and the data generated for the interval is 500 GB. WAN accelerators can be added if necessary. Which of the following will achieve the RPO?

- A. Use backup copy jobs in with High-Performance Mode enable
- B. Set the schedule to run every six hours.
- C. Use backup copy jobs with copy mode set to "immediate copy". Use WAN acceleration.
- D. Use backup copy jobs with copy mode set to "periodic copy" and copy every six hours.
- E. Configure the backup copy jobs with traffic throttling to 30 Mbps to limit the impac
- F. Enable WAN acceleration.

Answer: B

Explanation:

According to the Veeam Backup & Replication user guide¹², WAN acceleration is a technology that optimizes data transfer to remote locations by performing deduplication and caching. It is specific for off-site backup copy jobs and replication jobs¹². Therefore, if you want to achieve the RPO of six hours with 500 GB of data and 50 Mbps of bandwidth, you should use backup copy jobs with WAN acceleration enabled. This will reduce the amount of data that need to be transferred over the network and speed up the backup process¹². The simplest configuration would be an immediate copy mode with WAN acceleration

NEW QUESTION 4

- (Exam Topic 1)

A director has asked for a quarterly report for capacity planning purposes. Which Veeam component should be used?

- A. Veeam Backup & Replication Console
- B. Enterprise Manager
- C. Business View
- D. Veeam ONE Web Client

Answer: D

NEW QUESTION 5

- (Exam Topic 1)

A company needs several VMware thick provisioned VMs restored. The physical proxies used for restoration have access to the Fibre Channel datastores used by VMware. Which transport mode will be used by default to restore these VMs?

- A. Network mode
- B. Virtual appliance
- C. Quick Migration
- D. Direct Storage Access

Answer: D

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/direct_san_access.html?ver=120

NEW QUESTION 6

- (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 7

- (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 points². 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 8

- (Exam Topic 1)

A Windows VM running on Microsoft Hyper-V is protected using the file indexing option. The guest interaction proxy is offline. Which of the following Veeam servers will be used to deploy the runtime during the backup process?

- A. Backup & Replication server
- B. Indexing database server
- C. File proxy server
- D. Virtual lab server

Answer: A

Explanation:

https://helpcenter.veeam.com/archive/backup/110/hyperv/guest_interaction_proxy.html

According to the Veeam Software Help Center¹, Veeam Backup & Replication deploys runtime components on a VM guest OS to perform file indexing. These components can be either non-persistent or persistent depending on whether you have enabled application-aware processing for the VM.

If you have enabled application-aware processing for the VM, Veeam Backup & Replication uses a persistent agent component that is installed on the VM guest OS during backup job session and remains on the VM after that. In this case, if the guest interaction proxy is offline, Veeam Backup & Replication will use another available guest interaction proxy or fail over to the backup server.

If you have not enabled application-aware processing for the VM, Veeam Backup & Replication uses a non-persistent runtime component that is deployed on the fly and removed after indexing is complete. In this case, if the guest interaction proxy is offline, Veeam Backup & Replication will use another available guest interaction proxy or fail over to the backup server.

NEW QUESTION 9

- (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" function
- B. Files will be prefixed with numbers (1-, 2-, 3-, etc.).
- C. Restore the files using the "Overwrite" function
- D. Original files will be renamed.
- E. Restore the files using the "Hold" function
- F. The director can then determine the status of the original and restored files.
- G. Restore the files using the "Keep" function
- 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 will not overwrite them with restored files

NEW QUESTION 10

- (Exam Topic 1)

An administrator is asked to change a backup copy job from periodic mode to immediate mode. How can this be accomplished?

- A. Edit the original job and select immediate copy mode from the job settings.
- B. Enable immediate mode on the repository.
- C. Create a new copy job and delete the original job.
- D. Modify the job settings on the proxy performing the copy job.

Answer: A

Explanation:

According to the Veeam Backup & Replication User Guide¹, you can change the backup copy mode by editing backup copy job settings. However, this is only possible if the backup copy job has true per-machine backup storage format.

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 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 1)

Veeam Agent for Linux has been installed in standalone mode on a Linux physical server. The backup job is configured to write to a Veeam repository. Which of the following media types is available as a recovery media?

- A. ISO image
- B. Veeam Backup & Replication repository
- C. Object storage
- D. Tape

Answer: A

Explanation:

According to the Veeam Agent for Linux User Guide¹, Veeam Agent for Linux lets you use the Veeam Recovery Media — a recovery image of the Linux OS that provides an alternative way to boot your computer. The recovery image is an ISO file that you can burn to a CD/DVD or write to a USB flash drive.

NEW QUESTION 17

- (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 21

- (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 24

- (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 28

- (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 32

- (Exam Topic 2)

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 36

- (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 39

- (Exam Topic 2)

Which of the following is a backup mode that can be configured within a Veeam Agent for Windows backup job?

- A. Reverse incremental with periodic active full backups
- B. Forward incremental and reverse incremental, both with optional periodic synthetic and/or active full backups
- C. Forward incremental with optional periodic synthetic and/or active full backups
- D. Reverse incremental with optional periodic synthetic full backups

Answer: C

Explanation:

https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup_chain.html?ver=40

NEW QUESTION 41

- (Exam Topic 2)

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 44

- (Exam Topic 2)

If 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 45

- (Exam Topic 2)

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 172.21.1.12) 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 49

- (Exam Topic 2)

A Veeam backup administrator, protecting all VMs in a VMware environment with backups and replicas, has been requested to run a multi-server application in an On-Demand Sandbox. The sandbox needs to stay powered on, uninterrupted, for 30 days while daily backups and replicas continue to run. How can this be done?

- A. Create an application group and leverage regular replica restore points as the source for the application group
- B. Create a (secondary) replication job for the required VMs that are not scheduled to run; create a SureBackup job and use these replicas as the source
- C. Create a (secondary) replication job for the required VMs that are not scheduled to run; make an application group and use these replicas as the source
- D. Create an application group and leverage regular backup restore points as the source for the application group

Answer: B

NEW QUESTION 50

- (Exam Topic 2)

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

Explanation:

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

NEW QUESTION 55

- (Exam Topic 2)

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 58

- (Exam Topic 2)

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

NEW QUESTION 61

- (Exam Topic 2)

A backup administrator is creating a SureBackup environment up using Hyper-V as the hypervisor. Which virtual labs are available for Hyper-V? (Choose two.)

- A. Advanced multi-host (automatic configuration)
- B. Advanced single-host (automatic configuration)
- C. Basic single-host (automatic configuration)
- D. Advanced multi-host (manual configuration)
- E. Advanced single-host (manual configuration)

Answer: CE

Explanation:

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

NEW QUESTION 63

- (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 66

- (Exam Topic 2)

Which Veeam 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 68

- (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 71

- (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 72

- (Exam Topic 2)

Veeam Explorer for Microsoft SQL Server offers which of the following capabilities? Choose Three options.

- A. Restore SQL user accounts
- B. Export an SQL database to an .sql file
- C. Send SQL tables as attachments via email
- D. Publish an SQL database without having to restore them
- E. Restore an SQL table to the original server or different server
- F. Export an SQL database to a local folder or network drive

Answer: DEF

NEW QUESTION 73

- (Exam Topic 2)

You want to deploy an On-Demand Sandbox. While creating the application group, which sources can be used to add virtual machines to the Application Group? (Choose three.)

- A. Backup Copy in Backup repository
- B. Replica on non-Cloud Connect VMware vSphere host
- C. Replica on Cloud Connect VMware vSphere host
- D. Backup in Cloud Repository
- E. Storage Snapshot
- F. Backup on Backup Repository

Answer: BEF

NEW QUESTION 76

- (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 79

- (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 83

- (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 84

- (Exam Topic 2)

An SMB customer installed Veeam Backup & Replication in a simple deployment. How can the customer comply with the 3-2-1 rule?

- A. Create a Scale-out Backup Repository with object storage in the public cloud used as the capacity tier leveraging copy mode

- B. Create a backup to tape job to a local virtual tape library
- C. Create a Scale-out Backup Repository with object storage in the public cloud used as the capacity tier leveraging move mode
- D. Copy the backups to a separate local NAS device

Answer: A

NEW QUESTION 87

- (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 88

- (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 93

- (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 95

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