

VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021



NEW QUESTION 1

- (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 2

- (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 3

- (Exam Topic 1)

Veeam ONE has been installed and configured. The infrastructure contains five Veeam Backup & Replication servers.

The administrator needs to check the remaining capacity on each of the backup repository servers. Where can they see this information?

- A. Under Infrastructure View, look up the Veeam Backup & Replication servers to see the guest disk space.
- B. Under Data Protection View, look up the backup repository servers to see the remaining capacity.
- C. Under Business View, look up the backup repository servers to see the remaining capacity.
- D. Under Infrastructure View, look up the backup repository servers to see the guest disk space.

Answer: B

Explanation:

According to the Veeam ONE Reporting Guide¹, you can use the Capacity Planning for Backup

Repositories report to analyze configuration and space usage on backup repositories and to forecast how many days remain before the repository reaches its full capacity.

You can also use the Backup Repository Summary dashboard² or the Backup Repositories Overview dashboard³ to see details of performance, capacity and archive tiers for backup repositories.

NEW QUESTION 4

- (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 site^{2e}.
- Start — runs the failover plan again if you need to repeat the failover operation for some reason²ⁿ.
- 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 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)

Which feature can be used in Veeam Explorer for Oracle database?

- A. Recover from litigation and in-place hold items
- B. Restore original password for account objects
- C. Restore databases from backups created with Veeam RMAN plug-in
- D. Export to .BAK file

Answer: C

Explanation:

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 RMAN.

NEW QUESTION 7

- (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 8

- (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 9

- (Exam Topic 1)

A Veeam proxy server is configured as follows. No modifications are allowed to the transport mode.

Transport Mode

Backup proxy transport mode:

☒ **Automatic selection**
 Data retrieval mode is selected automatically by analyzing backup proxy configuration and reachable VMFS and NFS datastores. Transport modes allowing for direct storage access will be used whenever possible.

☐ **Direct storage access**
 Data is retrieved directly from shared storage, without impacting production hosts. For block storage, backup proxy server must be connected into SAN fabric via hardware or software HBA, and have VMFS volumes mounted.

☐ **Virtual appliance**
 Data is retrieved directly from storage through hypervisor I/O stack by hot adding backed up virtual disks to a backup proxy VM. Datastores containing protected VMs must be connected to a host running backup proxy VM.

☐ **Network**
 Data is retrieved from storage through hypervisor network stack using NBD protocol over host management interface. This mode has no special setup requirements. Recommended for 10 Gb Ethernet or faster.

Options

☒ Failover to network mode if primary mode fails, or is unavailable
☐ Enable host to proxy traffic encryption in Network mode (NBDSSL)

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When performing a restore of a thin-provisioned VMware virtual disk on an NFS data store using this proxy server, what transport mode will be used by default?

- A. Direct SAN access
- B. Virtual appliance
- C. Network
- D. Direct NFS access

Answer: D

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 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 14

- (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 16

- (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 21

- (Exam Topic 2)

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 24

- (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 26

- (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 31

- (Exam Topic 2)

Exhibit:



Look at the diagram. This daily backup job has been running for over 30 days and no active full backups have been taken since the first run. Which of the following best describes the backup job?

- A. This is a reverse incremental backup, keeping seven restore points
- B. This is a forward incremental backup with Sunday and Wednesday synthetic full, keeping seven restore points
- C. This is a forward incremental backup with transform enabled, keeping four restore points
- D. This is forever forward incremental backup, keeping seven restore points

Answer: A

NEW QUESTION 32

- (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 33

- (Exam Topic 2)

What is the main purpose of the planned failover feature?

- A. Test the VM in a sandbox without impacting the production environment
- B. Proactively switch from running the regular VM to the replica VM
- C. Initiate a disaster recovery procedure when the main site is down
- D. Test a disaster recovery scenario without any downtime on the VM

Answer: B

Explanation:

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

NEW QUESTION 35

- (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 38

- (Exam Topic 2)

A virtual machine in your environment has been hit by a virus. You need to restore the virtual machine as fast as possible. At the same time, you need to make sure that any dormant virus on the backed up virtual machine is detected. What restore method should you use when recovering to a new location?

- A. Instant VM Recovery with “staged restore”
- B. Instant VM Recovery with “secure restore”
- C. SureBackup
- D. Virtual disk restore

Answer: B

Explanation:

Reference: https://helpcenter.veeam.com/docs/backup/em/em_disk_restore.html?ver=100

NEW QUESTION 40

- (Exam Topic 2)

The backup administrator configured replication for a VM from Data Center 1 to Data Center 2, which runs every day at 1 a.m. A power surge takes out Data Center 1 at 7 a.m. and the administrator fails over the replica at 8 a.m. When the power comes back on, the administrator performs the “failback” action at 2 p.m. and checks the state of the original VM. They recognize that not all data is available. What is missing?

- A. Data from 1 a.
- B. to 7 a.m.
- C. Data from 1 a.
- D. to 2 p.m.
- E. Data from 8 a.
- F. to 2 p.m.
- G. Data from 7 a.
- H. to 8 a.m.

Answer: A

Explanation:

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

NEW QUESTION 43

- (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 46

- (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 50

- (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 53

- (Exam Topic 2)

Which procedure is used to finalize replica failback?

- A. Migrate to production
- B. VMware Storage vMotion
- C. Replica failback does not need to be finalized
- D. Commit failback
- E. Quick Migration

Answer: D

NEW QUESTION 58

- (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 60

- (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 61

- (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 65

- (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 of the following statements regarding bottleneck statistics is true?

- A. The percentages displayed will always add up to 100% in total.
- B. The bottleneck statistics are only displayed when you have a problem in your backup infrastructure.
- C. Bottleneck statistics can show the following states: Source/Proxy/Network/Source WAN Accelerator/Target WAN Accelerator/Target/None
- D. Bottleneck statistics can show the following states: Source/Proxy/Network/Source WAN Accelerator/Target WAN Accelerator/Target

Answer: A

NEW QUESTION 73

- (Exam Topic 2)

Which of the following predefined tests can be performed during a SureBackup verification test on a backup file? (Choose three.)

- A. Application test
- B. Heartbeat test
- C. Ping test
- D. SAN check
- E. Boot time
- F. OS test

Answer: ABC

Explanation:

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

NEW QUESTION 78

- (Exam Topic 2)

Which of the following actions generated the data recommended when raising a technical support case regarding a failed Veeam Backup & Replication job?

- A. Export the license file from the configuration options in Enterprise Manager
- B. Generate a zip of log files using the Support Information function
- C. Take a Veeam Zip of the VMs involved in the failed job
- D. Manually run a Veeam configuration backup to generate a new .bco file

Answer: B

NEW QUESTION 79

- (Exam Topic 2)

A NAS backup job has been configured within Veeam Backup & Replication, and is completing successfully, but restore operations have been failing for the last few days. What is causing the failure?

- A. The backup repository is sealed
- B. The server was added by using an IQN alias which is unable to be resolved
- C. The credentials added to the share are not allowed read-write access to the share, directories or files
- D. The cache repository assigned for this file share is unavailable for restore operations

Answer: C

Explanation:

If you must specify user credentials to access the shared folder, select the This share requires access credentials check box. From the Credentials drop-down list, select a credentials record for a user account that has Full Control permissions on the shared folder. To access the SMB share, you must use an account that meets either of the following requirements: If you only plan to back up the share, you can use an account with read-only permissions. If you plan not only to back up the share, but also to restore files to it, use an account with read/write permissions.

https://helpcenter.veeam.com/docs/backup/vsphere/file_share_backup_smb_share_path_credentials.html?ver=1

NEW QUESTION 80

- (Exam Topic 2)

Which of the following statements are true when deploying VMware backup proxy server? Choose three options.

- A. A managed Microsoft Windows server can be used as a backup proxy.
- B. The maximum number of concurrent tasks can be configured.
- C. The vPower NFS root folder location can be configured.
- D. A managed Linux server can be used as a backup proxy.
- E. Connected datastores can be configured.

Answer: ABC

NEW QUESTION 81

- (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 83

- (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 88

- (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 91

- (Exam Topic 2)

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

NEW QUESTION 92

- (Exam Topic 2)

A customer has a physical proxy configured for Direct Storage Access without failover to network mode. The backup fails. What could be the issue?

- A. The disks being processed are IDE and/or SATA
- B. The datastores are properly zoned and exposed to the proxy server but in read-only mode
- C. The storage is not added into the storage infrastructure, inside the backup and replication console
- D. Write access has not been enabled on the SAN
- E. One or more of the VM disk(s) are on Wols

Answer: E

Explanation:

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

NEW QUESTION 96

- (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 100

- (Exam Topic 2)

Which of the following best describes the Snapshot Hunter feature?

- A. A Veeam technology used to detect and remove orphaned VMware vSphere snapshots that may remain after backup or replication job sessions
- B. A Veeam CBT filter driver used for Instant VM Recovery in the Microsoft Hyper-V environments
- C. A part of Veeam Explorer for Storage Snapshots used to locate the required snapshot for restore
- D. A Veeam ONE, dashboard used to detect orphaned VMware vSphere snapshots that may remain after backup or replication job sessions

Answer: A

NEW QUESTION 102

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