VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021

NEW QUESTION 1
- (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 2
- (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 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 nee 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)
An infrastructure with 50 VMs has a power outage. After the VMware cluster has booted up again, 10 medium-sized VMs have corrupted VM disk files. Which action can be used to restore the VMs back to the production state?

A. Use the "Restore guest files" option and restore all VM Files.
B. Perform Restore VM Files and only restore the VM configuration files.
C. Perform Restore VM Files and restore the VM configuration and disk files.
D. Perform Instant VM Recovery with quick rollback.

Answer: C

NEW QUESTION 5
- (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 6
- (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 7
- (Exam Topic 1)
An administrator has decided to set up a VM backup job covering their Microsoft SOL 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 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 Scale-out Backup Repository with one local extent has been configured as follows.

Edit Scale-out Backup Repository ✕

Capacity Tier
Specify object storage to copy backups to for redundancy and DR purposes. Older backups can be moved to object storage completely to reduce long-term retention costs while preserving the ability to restore directly from offloaded backups.

Name

Performance Tier

Placement Policy

Capacity Tier

Archive Tier

Summary

☑ Extend scale-out backup repository capacity with object storage:

Amazon S3 ⌄   [Add...]

Define time windows when uploading to capacity tier is allowed   [Window...]

☐ Copy backups to object storage as soon as they are created
   Create additional copy of your backups for added redundancy by having all backups copied to the capacity tier as soon as they are created on the performance tier.

☑ Move backups to object storage as they age out of the operational restore window
   Reduce your long-term retention costs by moving older backups to object storage completely while preserving the ability to restore directly from offloaded backups.

   Move backup files older than 21 ⌃⌄ days (your operational restore window)   [Override...]

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

Performance Tier

Placement Policy

Capacity Tier

Archive Tier

Summary

☐ Archive GFS full backups to object storage:

Amazon Glacier ⌄   [Add...]

Archive GFS backups older than 60 ⌃⌄ days   [Storage...]

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 10
- (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)
For general data protection regulation (GDPR) compliance, Veeam can add a location tag to which component?

A. Guest interaction proxies
B. vCenter servers
C. Cloud gateways
D. WAN accelerators

Answer: B

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

NEW QUESTION 12
- (Exam Topic 1)
In the war against ransomware, a company decided to implement tape backup for the first time. The tape library has already been added. Of the following, what must be done first?
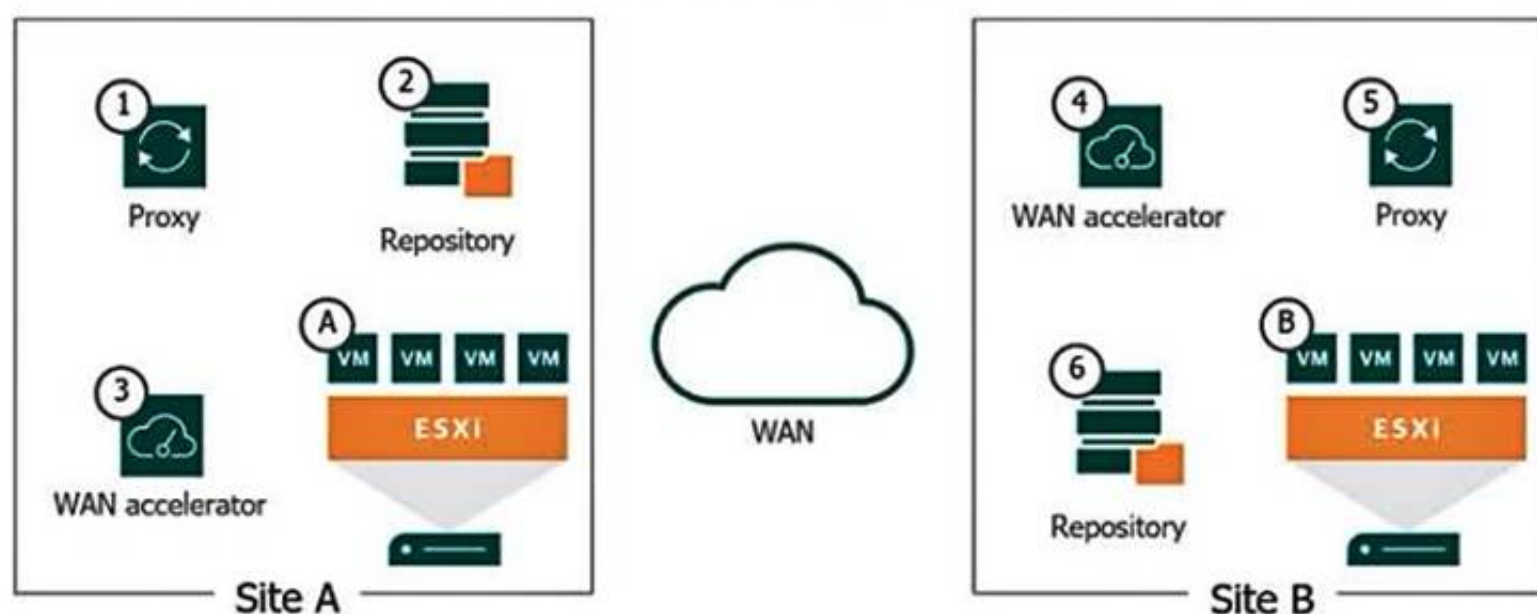
A. Create vaults.
B. Create media pools.
C. Create libraries.
D. Create media sets.

Answer: B

NEW QUESTION 14
- (Exam Topic 1)
Backup jobs are configured to local repositories. Backups must be sent from Site B to the repository on Site A. The connection allows direct backups to complete within the backup window. Impact on the source VMs at Site B should be minimized. Which type of job and Veeam components should be used to provide the necessary protection?

A. A backup copy job and components 6 ? 5 ? 4 ? 3 ? 2
B. A backup job and components 5 ? 2
C. A backup copy job and components 6 ? 2
D. A backup copy job and components 6 ? 4 ? 2

Answer: A

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

NEW QUESTION 15
- (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 16
- (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 19
- (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 22
- (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 27
- (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 29
- (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 31
- (Exam Topic 2)
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 36
- (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 41
- (Exam Topic 2)
A backup administrator is deploying a Veeam ONE environment. They have chosen to use separate servers from their Veeam Backup & Replication environment. What benefit will they receive if they install the Veeam ONE Agent onto their backup server?

A. Track whether VMs and agents are properly protected and following the 3-2-1 rule
B. Collect Veeam Backup & Replication logs and execute remediation actions
C. Collect virtual environment configuration from Veeam Backup & Replication
D. Analyze Veeam Backup & Replication log data and retrieve signature updates

Answer: C

NEW QUESTION 46
- (Exam Topic 2)
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%

NEW QUESTION 47
- (Exam Topic 2)
Which backup method will always produce a full backup as the most recent restore point?

A. Forever forward incremental backup
B. Forward incremental backup
C. Reverse incremental backup
D. Forward incremental with transform

Answer: C

NEW QUESTION 50
- (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 55
- (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 56
- (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 57
- (Exam Topic 2)
When planning to back up files and folders from shared sources, that is the correct method to connect to the file share from the Veeam backup server?

A. Add the file share into the store infrastructure
B. Add the file share into the physical infrastructure
C. Add the file share into the inventory
D. Add the file share into the managed servers

Answer: C

NEW QUESTION 62
- (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 65
- (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 68
- (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 73
- (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 76
- (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 81
- (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 86
- (Exam Topic 2)
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

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

NEW QUESTION 91
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