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)
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 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 critical server in a Hyper-V environment has crashed and will not reboot. What is the fastest way to bring this server back online so employees can continue to work?

A. Instant VM Disk Recovery
B. Entire VM restore
C. Instant VM Recovery
D. Staged restore

Answer: C

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 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 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)
After performing a failover to a disaster recovery site, it is decided that the VMs need to be failed back to the original production site and that any changes made during the failover should be discarded. Which option should be used?

A. Undo failover
B. Undo failback
C. Failback
D. Commit failback

Answer: A

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

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 1)
Veeam Backup & Replication is currently configured to back up different workloads: Windows VMs on vSphere and Linux VMs on vSphere. A secondary copy of all the backups including transaction logs must be created. Which of the following backup copy job configurations is the simplest?

A. A single "periodic copy" backup copy job
B. A single "immediate copy" backup copy job
C. Two "immediate copy" backup copy jobs
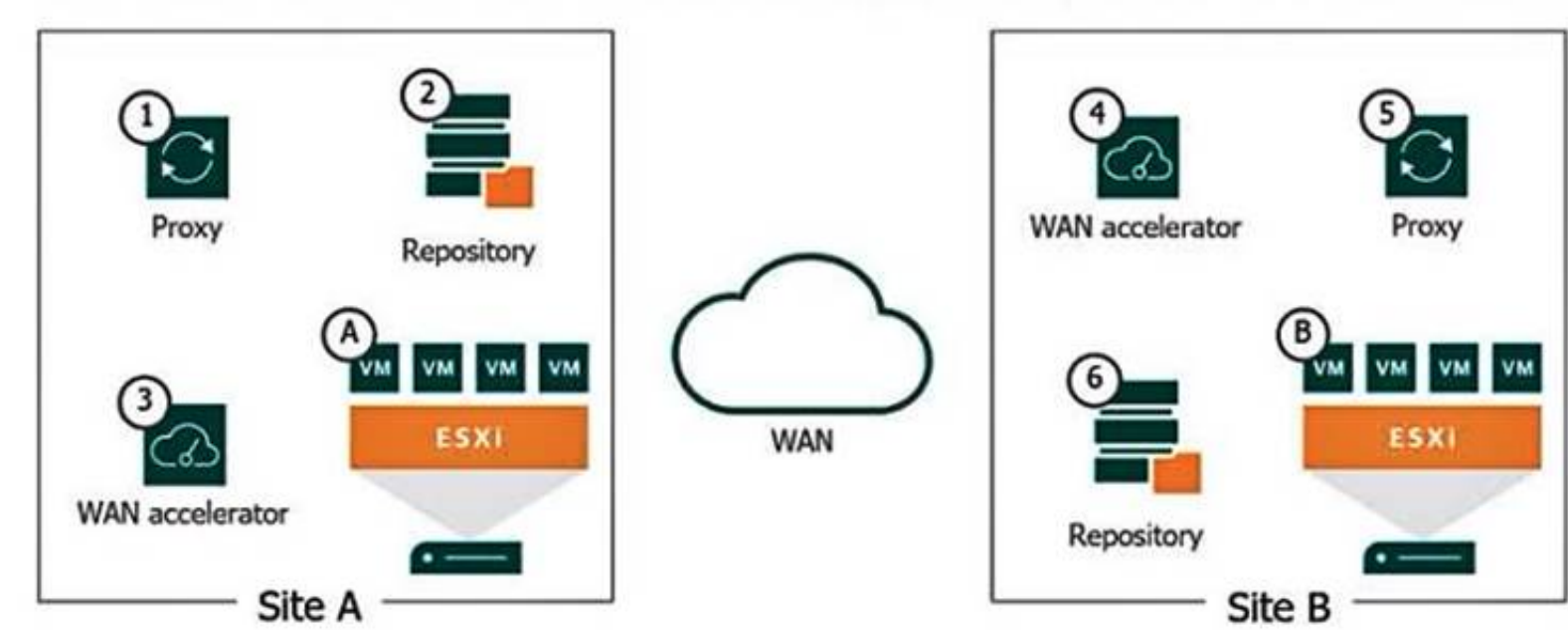D. Two "periodic copy" backup copy jobs

Answer: B

Explanation:
According to the Veeam Backup & Replication best practice guide1, a new copy job mode was added
called immediate copy. This mode immediately starts the backup copy job as soon as restore points appear in the repository. It also provides the ability to copy SQL and Oracle log backups which is not possible with
traditional periodic backup cop1y2.
Therefore, if you want to create a secondary copy of all the backups including transaction logs, you should use an immediate copy backup copy job. The simplest configuration would be a single immediate copy backup copy job for all workloads (option 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 16
- (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 18
- (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 20
- (Exam Topic 2)
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

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

NEW QUESTION 23
- (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 26
- (Exam Topic 2)
When you back up regular or standalone VMs in vCloud Director, which of the following is captured and stored in Veeam's Backup & Replication backup file? (Choose three.)

A. vApp metadata
B. VM disk content
C. Raw device mapping
D. In-guest iSCSI disk
E. VM metadata
F. Linked clone VM's prior to vCenter 6.5

Answer: ABE

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

NEW QUESTION 30
- (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 32
- (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 33
- (Exam Topic 2)
Which of the following Veeam Backup & Replication jobs can use integration with secondary arrays as a data source?

A. Backup
B. VM copy
C. Replication
D. Tape backup

Answer: A

NEW QUESTION 35
- (Exam Topic 2)
Which of the following should be considered when estimating the amount of disk space necessary to store backups? Choose two options.

A. Retention period for backups
B. Type of disk (thick or thin)
C. Hypervisor and host version
D. RAID configuration of the Backup Repository
E. Veeam Backup & Replication edition
F. Total size of used data for the VMs being backed up

Answer: AF

NEW QUESTION 38
- (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 41
- (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 43
- (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 48
- (Exam Topic 2)
When protecting VMs, whore 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 Veearn 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 51
- (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 Veeam Backup & Replication jobs can utilize storage snapshots on VMware vSphere? Choose two options.

A. Replication
B. Backup copy
C. VeeamZIP
D. Backup
E. Tape
F. VM copy

Answer: AD

NEW QUESTION 61
- (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 64
- (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 66
- (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 67
- (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 68
- (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 Shapshot
F. Backup on Backup Repository

Answer: BEF

NEW QUESTION 70
- (Exam Topic 2)
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 75
- (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 78
- (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 81
- (Exam Topic 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 86
- (Exam Topic 2)
Is it possible to switch between backup modes in a backup job?

A. No, if you want to create backups using another mode, you have to create another backup Job.
B. Yes, but in this case, you will have to specify a new backup repository.
C. Yes, the new mode leaves existing backups as they are and continues creating backups in the same backup repository.
D. Yes, the new mode will transform all existing backups in the appropriate way and continue creating backups in the same backup repository.

Answer: C

NEW QUESTION 91
- (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 95
- (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 100
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