



**VEEAM**

## **Exam Questions VMCE\_v12**

Veeam Certified Engineer v12

#### NEW QUESTION 1

An engineer has a NAS file share to protect.

What preliminary step must be taken to create a NAS backup job?

- A. Define file exclusions in the job
- B. Register the file server under Storage Infrastructure in the VBR console
- C. Add a Managed Server with the IP address of the NAS Filer
- D. Add a File Share under Inventory and choose NAS Filer

**Answer: D**

#### Explanation:

Before creating a NAS backup job, an engineer must add the NAS file share to the Veeam Backup & Replication (VBR) console under the Inventory section. This involves specifying the NAS Filer and the particular file share to be protected. This step allows Veeam to recognize the file share as a valid source for backup operations.

References:

? Veeam Backup & Replication User Guide: NAS Backup

? Veeam Help Center: Adding File Shares to Inventory

#### NEW QUESTION 2

A customer wants to set up a Scale-Out Backup Repository. Due to malware concerns, immutability is recommended. An on-premises server can be used to hold primary backups, but it can only hold about 21 days of backups. A copy of the backups should be stored in AWS. The retention for all backups is 60 days.

Which configuration of a Scale-out Backup repository meets these requirements?

- A. Copy mode Performance Tier: Windows REFS, immutability set for 11 days Capacity Tier: Amazon S3, immutability set for 60 days
- B. Copy and move mode Performance Tier: Windows REFS, immutability set for 11 days Capacity Tier: Amazon S3, immutability set for 60 days
- C. Copy mode Performance Tier: Linux Hardened Repository, XFS, immutability set for 11 days Capacity Tier: Amazon S3, immutability set for 60 days
- D. Copy and move mode Performance Tier: Linux Hardened Repository, XFS, immutability set for 11 days Capacity Tier: Amazon S3, immutability set for 60 days

**Answer: D**

#### Explanation:

To meet the requirements of setting up a Scale-Out Backup Repository (SOBR) with immutability for malware protection and specific retention policies, the most fitting configuration is D: Copy and move mode with a Performance Tier configured on a Linux Hardened Repository using the XFS file system and immutability set for 21 days, and a Capacity Tier on Amazon S3 with immutability set for 60 days. This setup utilizes the copy and move mode to ensure that backups are first stored on the on-premises Linux Hardened Repository with an immutability setting that prevents modifications to backups, providing protection against malware for the most recent 21 days of backups. As this on-premises server has limited capacity, older backups beyond 21 days are moved to the Capacity Tier in Amazon S3, where they are also protected with immutability for the entire 60-day retention period. This configuration leverages the strengths of both on-premises and cloud storage while ensuring that all backups are protected from modification or deletion by immutability, aligning with the customer's malware protection concerns and retention requirements.

#### NEW QUESTION 3

What feature is only available with the Veeam Agent for Linux?

- A. File-level backup
- B. Application-aware processing of
- C. Backup from native snapshots
- D. Volume backup

**Answer: C**

#### Explanation:

The feature that is unique to Veeam Agent for Linux and not available in other Veeam Agent configurations is C: Backup from native snapshots. Veeam Agent for Linux includes the ability to leverage native snapshot capabilities of the Linux kernel, such as LVM (Logical Volume Manager) snapshots or Btrfs subvolume snapshots, to create consistent point-in-time copies of data. This capability allows for application-consistent backups even in complex Linux environments, ensuring that data is captured in a consistent state without the need for custom scripting or downtime. Native snapshot support in Veeam Agent for Linux enhances the flexibility and reliability of backups, particularly in environments where Linux-based applications and databases are critical to business operations.

#### NEW QUESTION 4

Which feature can be used in Veeam Explorer for Microsoft Exchange?

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

**Answer: C**

#### Explanation:

Veeam Explorer for Microsoft Exchange allows recovery of items that are under litigation hold or in-place hold. This feature is essential for compliance and legal discovery processes where emails and other items need to be preserved and may be subject to eDiscovery requests. It is not used for restoring databases from backups created with Veeam RMAN plug-in, exporting to BAK files, or restoring original passwords for account objects.

References:

? Veeam Explorer for Microsoft Exchange User Guide: Working with Items under Litigation Hold

? Veeam Knowledge Base: Recovery of Exchange Items

#### NEW QUESTION 5

Management asks a backup administrator to deploy the Veeam Agent on a number of Amazon EC2 instances running Windows and Linux operating systems. A

Veeam Protection Group is also required by management. The Veeam Distribution Server does not have network access to these instances. What protection group type should be used to select these objects?

- A. Individual computers
- B. Microsoft Active Directory objects
- C. Computers listed in a CSV file
- D. Cloud machines

**Answer:** D

**Explanation:**

For deploying the Veeam Agent on Amazon EC2 instances running Windows and Linux operating systems without direct network access from the Veeam Distribution Server, the appropriate type of Protection Group to use is D: Cloud machines. The "Cloud machines" protection group type in Veeam Backup & Replication is specifically designed for protecting cloud-based workloads, including instances in public cloud environments like Amazon EC2. This protection group type allows the Veeam Agent to be deployed and managed remotely, even when the Veeam Distribution Server cannot directly access the instances over the network. It facilitates centralized management of backup tasks for cloud instances, ensuring that the EC2 instances are adequately protected as per management's request, despite the network accessibility constraints.

**NEW QUESTION 6**

What does Veeam's Secure Restore functionality ensure during restores?

- A. Proper rights/permissions on files and folders
- B. Custom ports for in-flight data
- C. 256-bit AES encryption of in-flight data
- D. Anti-virus scanning

**Answer:** D

**Explanation:**

Veeam's Secure Restore functionality is designed to provide an additional layer of security during the restore process, particularly to ensure that restored data is free from malware. The correct answer is D: Anti-virus scanning. Secure Restore integrates with antivirus software to scan the data being restored for malware, viruses, or other threats before it is brought back into the production environment. This capability is crucial in today's landscape, where data integrity and security are paramount, especially considering the increasing sophistication of cyber threats. By ensuring that restored data is scanned for threats, Veeam helps maintain the integrity and security of the IT environment, aligning with best practices for data protection and disaster recovery.

**NEW QUESTION 7**

A company has an RPO set at 4 hours and values data protection and disaster recovery. A disaster occurs on June 12, 2023 at 10:00 AM. Which restore point gives the company the best RPO?

- A. June 12,2023,9:30 AM
- B. June 12,2023,5:00 AM
- C. June 12,2023, 1:00 PM
- D. June 12,2023,8:00 AM

**Answer:** A

**Explanation:**

Given the company has an RPO set at 4 hours, the restore point that gives the best RPO is the one closest to the time of the disaster without going over the disaster's timestamp. Since the disaster occurred on June 12, 2023, at 10:00 AM, the restore point at June 12, 2023, 9:30 AM would be the most recent one within the RPO threshold. This restore point minimizes data loss and provides the most current data before the disaster. References:

? Veeam Backup & Replication User Guide: Understanding RPO and RTO

? Veeam Best Practices: RPO and RTO Planning

**NEW QUESTION 8**

A request to protect some new domain controllers has been submitted in the ticketing system The engineer creates a backup job with the following steps:

- \* 1. Right-clicks on the Jobs navigation item on the left
- \* 2. Selects VMware vSphere from the menu
- \* 3. Enters a name for the job.
- \* 4. Selects workloads to protect.
- \* 5. Defines a job schedule.
- \* 6. Clicks the Finish button.

When testing restores, the engineer finds that the backups are crash-consistent. Which set of steps should the engineer use to avoid crash-consistent backups for the domain controllers?

- A. Launch the New Backup Job Wizar
- B. Enter a name for the io
- C. Select workloads to protec
- D. Choose a destinatio
- E. Enable the Application-Aware checkbox and configure setting
- F. Define a job schedul
- G. Click the Finish button.
- H. Launch the New Backup Job Wizar
- I. Enter a name and a descriptio
- J. Select a resource pool to protec
- K. Specify a backup repository with copy-mode enable
- L. Define a job schedul
- M. Click the Finish button.
- N. Launch the New Backup Job Wizard Enter a name for the job Specify a backup repositor
- O. Specify Guest Processing setting
- P. Define a job schedule Click the Finish button.

- Q. Launch the New Backup Job Wizard Enter a name or description for the job  
 R. Select the vSphere environment to protect  
 S. Choose the Default Backup Repository Check the box labelled 'Run the job when I click Finish'. Specify Guest Processing setting  
 T. Define a job schedule.

**Answer:** A

**Explanation:**

Application-aware processing is a feature in Veeam Backup & Replication that creates transactionally consistent backup images of VMs. For domain controllers, this feature ensures that backups are consistent with the applications running on the VM, like Active Directory services. To avoid crash-consistent backups and ensure application consistency, the engineer must enable the Application-Aware Processing option during the job configuration. References:

- ? Veeam Backup & Replication User Guide: Application-Aware Processing
- ? Veeam Best Practices: Protecting Active Directory Domain Controllers

**NEW QUESTION 9**

The configuration database is corrupted, and the backup administrator wants to recover the data. Which configuration restore mode should be used?

- A. Instant Recovery
- B. Restore
- C. Failover
- D. Migrate

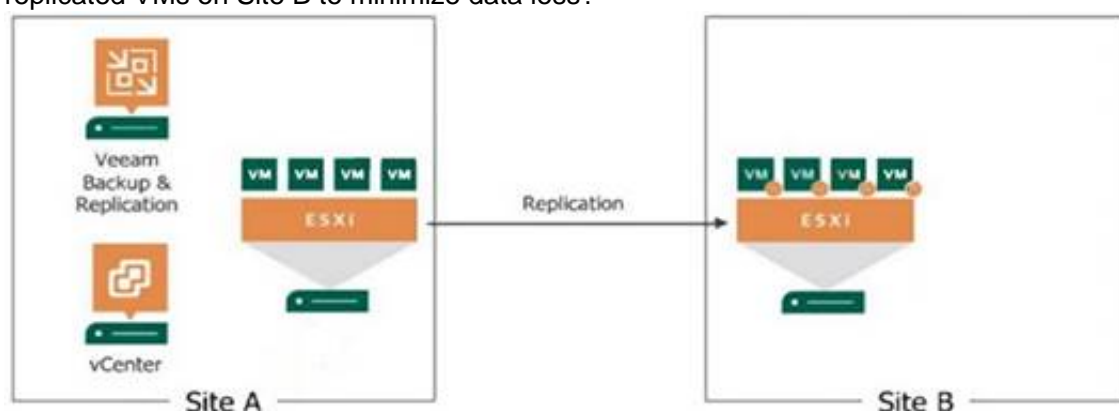
**Answer:** B

**Explanation:**

In the event that the Veeam Backup & Replication configuration database is corrupted, the appropriate action to take is to perform a configuration restore. Veeam Backup & Replication allows you to back up and restore its configuration database. The Restore option should be used to recover the data from a configuration backup. This process will restore the configuration database from the backup file, which includes information about backup jobs, repository settings, and more. Instant Recovery, Failover, and Migrate are not appropriate options for recovering a corrupted configuration database. Instant Recovery is used to quickly restore a VM to a running state, Failover is used for High Availability in case a VM fails, and Migrate is used to move VMs from one host or storage to another.

**NEW QUESTION 10**

A power outage on Site A is expected during the night. The disaster recovery strategy has been implemented (see diagram). What is the correct way to start replicated VMs on Site B to minimize data loss?



- A. Execute "Failover plan".
- B. Execute "Planned failover".
- C. Power on VMs manually through vCenter.
- D. Execute "Permanent failover" from vCenter.

**Answer:** B

**Explanation:**

A planned failover is a process that allows for the seamless switching from the original VMs at Site A to their replicas at Site B with no data loss. This is the correct course of action when a power outage is expected, as it is a controlled process that ensures that all data is synchronized before the switch is made. This action minimizes data loss and ensures that the VMs on Site B are up-to-date. References:

- ? Veeam Backup & Replication User Guide: Failover and Failback
- ? Veeam Help Center: Planned Failover Procedure

**NEW QUESTION 10**

The administrator of a VMware environment backed up by Veeam Backup & Replication has a critical server with corruption on one of its three data drives. What is the fastest way to bring this drive back online with the least disruption to business?

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

**Answer:** A

**Explanation:**

The fastest way to bring a corrupted data drive back online with the least disruption in a VMware environment is through Instant Disk Recovery. This feature allows the administrator to quickly restore the specific affected disk from a backup, minimizing downtime and impact on business operations. References: Veeam Backup & Replication User Guide, Veeam Instant Disk Recovery Guide

### NEW QUESTION 13

The administrator of a VMware environment backed up by Veeam Backup & Replication has a critical server that has crashed and will not reboot. They were able to bring it back online quickly using Instant VM Recovery so people could continue to work. What else is required to complete the recovery?

- A. Migrate to production
- B. Commit failover
- C. Commit tailback
- D. Merge delta file

**Answer:** A

#### Explanation:

After using Instant VM Recovery to bring a critical crashed server back online quickly, the final step required to complete the recovery process is A: Migrate to production. Instant VM Recovery allows a VM to run directly from the backup file in a temporary location, enabling rapid recovery and minimal downtime. However, because the VM is running in this provisional state, it's essential to migrate it back to the production environment to ensure long-term stability and performance. The "Migrate to production" operation involves moving the running VM from the backup storage to the production storage, typically involving a storage vMotion in VMware environments or a similar process in other hypervisors. This step ensures that the VM is fully restored to its original or a new production environment, solidifying the recovery and allowing the VM to operate as part of the normal infrastructure once again.

### NEW QUESTION 14

What can Veeam service providers deploy in Service Provider Console 7.0?

- A. Enterprise plugins
- B. Veeam Backup for Microsoft 365
- C. Veeam Backup & Replication
- D. Veeam One

**Answer:** B

#### Explanation:

In the Service Provider Console 7.0, Veeam service providers can deploy Veeam Backup for Microsoft 365. This allows them to offer Microsoft 365 backup and recovery services to their customers, managing the protection of Microsoft 365 data including Exchange Online, SharePoint Online, OneDrive for Business, and Microsoft Teams data. References:

? Veeam Service Provider Console Documentation: Backup for Microsoft 365

? Veeam Cloud & Service Provider Program Guide

### NEW QUESTION 16

In the war against ransomware, a company decided to implement tape backup. The infrastructure contains VMware VMs and physical Windows servers. What is the most efficient approach to getting all servers onto tape?

- A. Create file to tape jobs and write directly to tape.
- B. Create backup jobs, then create file to tape jobs.
- C. Create backup to tape jobs and write directly to tape.
- D. Create backup jobs, then create backup to tape jobs.

**Answer:** D

#### Explanation:

The most efficient approach to getting all servers onto tape, considering there are both VMware VMs and physical Windows servers in the infrastructure, is to first create backup jobs that target both the VMs and the physical servers. After these backups are stored on a disk-based repository, you can then create backup to tape jobs. This method leverages Veeam's ability to handle both types of environments and ensures that all data is efficiently backed up to tape for offsite storage and ransomware protection. References:

? Veeam Backup & Replication User Guide: Tape Device Support

? Veeam Best Practices: Configuring Tape Jobs

### NEW QUESTION 21

An engineer needs to test the impact of operating system updates on app functionality in an isolated non-production environment.

What Veeam Backup and Replication feature can be used to facilitate this?

- A. Replication
- B. Direct Storage Snapshots
- C. Virtual Labs
- D. Instant Recovery

**Answer:** C

#### Explanation:

Virtual Labs is the ideal feature for testing the impact of operating system updates in an isolated environment. Virtual Labs allow you to create a secure, isolated copy of your production environment where you can test updates, patches, and other changes without affecting the live environment. References: Veeam Backup & Replication Documentation, Veeam Virtual Lab Guide

### NEW QUESTION 24

There is a company-wide mandate to migrate operations off corporate datacenters and over to AWS, Azure, and GCE. The Veeam engineer has backups of VMware, Hyper-V, and Nutanix VMs stored in on-premises repositories. The performance of a test restore was not satisfactory.

Which solution should the engineer deploy?

- A. Caching servers on premises and in the cloud
- B. Veeam Wan Accelerators on premises and in the cloud
- C. Upgraded bandwidth to the Internet



D. Helper appliance in the cloud

**Answer:** B

**Explanation:**

To improve the performance of test restores from on-premises repositories to cloud environments (AWS, Azure, and GCE), deploying Veeam WAN Accelerators on premises and in the cloud is recommended. WAN Accelerators optimize data transfer over the network, reducing the amount of data that needs to be transferred and thereby improving restore performance. References: Veeam Backup & Replication User Guide, Veeam WAN Accelerator Guide

**NEW QUESTION 25**

It is required that some replicated VMs start on a time delay during a failover. How can this be accomplished?

- A. Create a failover plan.
- B. Adjust boot delay in application group.
- C. Use a pre-freeze/post-thaw script.
- D. Modify the failover template file.

**Answer:** A

**Explanation:**

A failover plan in Veeam Backup & Replication allows you to define the order in which VMs are started during a failover operation. It can include startup delays for certain VMs, ensuring that some VMs can be configured to start after a defined time delay. This meets the requirement of having some replicated VMs start on a time delay. References:

? Veeam Backup & Replication User Guide: Failover Plans

? Veeam Help Center: Creating Failover Plans

**NEW QUESTION 26**

A company wants to ensure that, during a replication failover, database servers boot before the application servers. How can this be accomplished?

- A. Create a failover plan
- B. Create a disaster recovery template
- C. Create a replica mapping
- D. Create a planned failover

**Answer:** A

**Explanation:**

Veeam Backup & Replication allows you to set up failover plans to control the order in which VMs are started during a failover. By creating a failover plan, you can specify that the database servers boot before the application servers. This is achieved by setting up VM dependencies within the failover plan, ensuring that the database servers (which are critical for the application servers to function) are operational before the application servers start. Creating a disaster recovery template (B), creating a replica mapping (C), or initiating a planned failover (D) does not directly address the boot order of the servers during failover.

**NEW QUESTION 28**

For which workload can Veeam Data Platform achieve image-level backups?

- A. AS/400
- B. Solaris
- C. IOS
- D. IHP-UX

**Answer:** B

**Explanation:**

Veeam Data Platform can achieve image-level backups for Solaris workloads. This means it can create a complete backup of the system at the image level, capturing the entire state of the Solaris system, including the operating system, applications, and data. References: Veeam Data Platform Documentation, Veeam Solaris Backup Guide

**NEW QUESTION 32**

Which API is available to automate Veeam Backup and Replication operations?

- A. REST API through Veeam One server
- B. REST API through Veeam Backup and Replication Server
- C. SQL queries on the Veeam Backup and Replication database
- D. Powershell cmdlets through Veeam Enterprise Manager Server

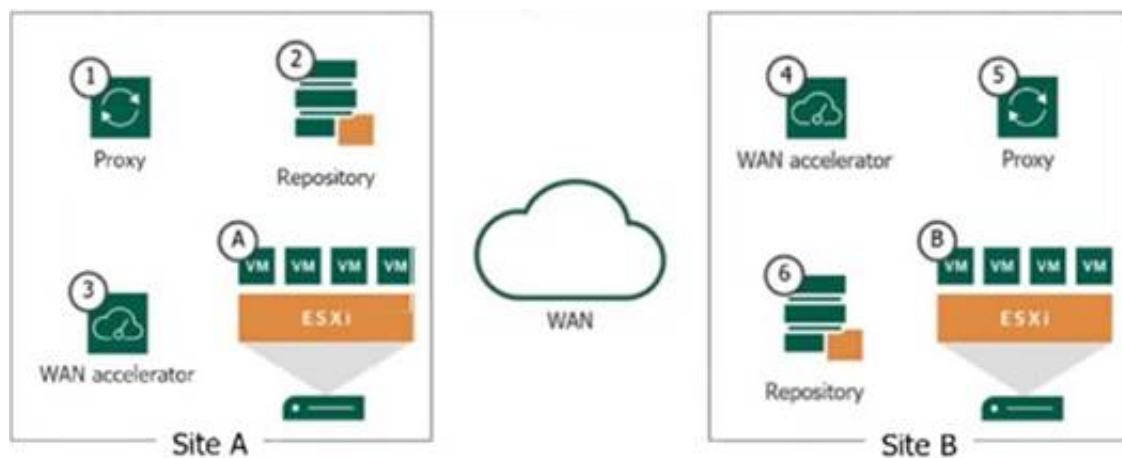
**Answer:** B

**Explanation:**

The REST API through Veeam Backup and Replication Server is the available API for automating Veeam Backup and Replication operations. This API enables programmatic control over Veeam Backup & Replication and allows for integration with external systems and custom automation scripts. References: Veeam Backup & Replication RESTful API Reference, Veeam Automation and Scripting Guide

**NEW QUESTION 35**

Backup jobs are configured to local repositories. Backups must be sent from Site B to the repository on Site A. The connection between the two sites does not allow a direct backup to complete within the backup window. Which type of job and Veeam components should be used to provide the necessary protection?



- A. A backup copy job and components 6 ? 4 ? 3 ? 2
- B. A backup job and components 5 ? 4 ? 3 ? 2
- C. A backup copy job and components 6?5?4?3?1?2
- D. A backup copy job and components 6 ? 4 ? 2

**Answer: A**

**Explanation:**

In a scenario where backups need to be sent from Site B to a repository at Site A and the direct backup cannot complete within the backup window due to connection limitations, a Backup Copy Job is the most suitable type of job. The Backup Copy Job can transfer data efficiently and with reduced impact on the production environment. The components involved would be:

? 6 (Repository at Site B): Where the initial backups are stored.

? 4 (WAN Accelerator at Site A): To optimize the data transfer over the WAN.

? 3 (WAN Accelerator at Site B): To prepare the backup data for transfer.

? 2 (Repository at Site A): The target repository for the backup copies. This configuration leverages the WAN Accelerators to reduce the amount of data that needs to travel over the WAN, thus allowing the backup copy job to complete within the available window.

**NEW QUESTION 37**

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

**Answer: D**

**Explanation:**

In Veeam ONE, the remaining capacity of each backup repository server can be viewed under the Data Protection View. This section provides detailed information about the storage utilization and remaining capacity of backup repositories, allowing administrators to effectively monitor and manage storage resources. References: Veeam ONE User Guide, Veeam ONE Data Protection View Documentation

**NEW QUESTION 40**

An engineer needs to back up the data on a NAS file share, located on the company's main production site. Which option would increase the performance of the job?

- A. Deploy the backup proxy and the cache repository on the same network as the NAS.
- B. Assign a high priority to this job.
- C. Assign Veeam WAN accelerators to the job.
- D. Deploy the backup proxy and the cache repository on a dedicated backup network.

**Answer: A**

**Explanation:**

Placing the backup proxy and cache repository on the same network as the NAS file share helps to increase the performance of the backup job due to reduced latency and higher network speeds. This configuration allows for faster communication and data transfer between the NAS and the backup components, leading to more efficient backup operations. References:

? Veeam Backup & Replication User Guide: Backup Proxy

? Veeam Best Practices: NAS Backup Performance

**NEW QUESTION 43**

Which two public cloud infrastructures can be backed up without an agent? (Choose two.)

- A. AWS
- B. Tencent Cloud
- C. Alibaba Cloud
- D. Oracle VM Virtualbox
- E. Microsoft Azure

**Answer: AE**

**Explanation:**

Veeam provides agentless backup solutions for several public cloud infrastructures, among which AWS (Amazon Web Services) and Microsoft Azure are the

prominent platforms supported. Thus, the correct answers are A: AWS and E: Microsoft Azure.

? For AWS, Veeam offers Veeam Backup for AWS, an agentless solution designed to protect AWS workloads by leveraging native AWS technologies. This solution allows for the backup and recovery of AWS EC2 instances without the need for agents inside the instances, providing efficient and flexible cloud-native data protection.

? In the case of Microsoft Azure, Veeam Backup for Microsoft Azure provides a similar agentless data protection capability, allowing for the backup and recovery of Azure VMs. This solution also utilizes native Azure technologies to facilitate seamless integration and management of backups within the Azure ecosystem.

These solutions are designed to provide comprehensive data protection for cloud workloads, simplifying management while ensuring robust backup and recovery capabilities in these public cloud environments.

#### NEW QUESTION 46

Company security policy states that backups must be copied to a remote location within 8 hours.

What step can a backup administrator take to receive an alert automatically if the backup copy job violates the company's policy?

- A. Set a Data Protection alert in Enterprise Manager
- B. Set a backup copy window alert on the repository
- C. Set up post-thaw scripts to send an email
- D. Enable the appropriate RPO monitor

**Answer:** D

#### Explanation:

To receive an automatic alert if the backup copy job violates the company's 8-hour policy for copying backups to a remote location, the backup administrator should enable the appropriate Recovery Point Objective (RPO) monitor. This feature tracks the age of the latest backup and alerts when it exceeds the defined RPO. References: Veeam Backup & Replication Documentation, Veeam RPO Monitoring and Reporting Guide

#### NEW QUESTION 47

What happens if there are more than five unsuccessful attempts to enter the confirmation code during MFA login?

- A. The user is permanently locked out.
- B. The user is locked out for 24 hours.
- C. The user is locked out for 1 minute.
- D. The user is locked out for 1 hour.

**Answer:** B

#### Explanation:

In Veeam Backup & Replication, if there are multiple unsuccessful attempts to enter a confirmation code for Multi-Factor Authentication (MFA), the system will lock the user account to prevent unauthorized access. Based on standard security practices, and while it may vary, a lockout for 24 hours after exceeding the maximum number of failed attempts is a common approach to protect against brute force attacks. Please note that specific lockout policies can vary by system configuration and the policies set by the system administrator. It's always best to consult the actual system settings or documentation for the precise behavior in a given environment.

#### NEW QUESTION 51

The organization has a strategy to copy its VM and Agent backups to the alternate site. The backup administrator has requested to implement a similar backup copy strategy for unstructured data backups with 10 additional days of retention.

Which configuration is correct?

- A. File to tape job
- B. File share backup job
- C. File share copy job
- D. Periodic backup copy

**Answer:** C

#### Explanation:

When implementing a backup copy strategy for unstructured data backups with additional retention, a File Share Copy job is the correct configuration. This type of job is designed to copy backups of file shares to a secondary location, which in this case would be the alternate site. It allows for the setting of additional retention days beyond the original backup retention policy. References:

? Veeam Backup & Replication User Guide: File Share Backup and Copy

? Veeam Knowledge Base: Configuring File Share Copy Jobs

#### NEW QUESTION 54

A customer wants to start an on-demand lab from backup files for several mission critical VMs.

What SureBackup feature should be configured to identify the necessary VMs?

- A. Application Group
- B. Virtual Lab
- C. Staged Restore
- D. Secure Restore

**Answer:** A

#### Explanation:

When starting an on-demand lab from backup files for mission-critical VMs, the appropriate SureBackup feature to configure is A: Application Group. An Application Group in Veeam Backup & Replication is a predefined group of VMs that are started together in the SureBackup job. This feature is designed to ensure that interdependent VMs, such as those comprising a multi-tier application, are started in a sequence that respects their operational dependencies, allowing for comprehensive verification and testing. The Application Group can include the mission-critical VMs and any associated VMs required for the application environment to function correctly, ensuring that all components are available and interact as expected within the isolated on-demand lab environment. This setup facilitates effective testing or troubleshooting in a manner that closely mirrors the production environment without impacting live operations.



#### NEW QUESTION 55

Which two service offerings can a Veeam Cloud Service Provider provide to Veeam's customers? (Choose two.)

- A. Backup as a Service
- B. Application Development as a Service
- C. On premise tape
- D. Physical site security as a Service
- E. Disaster Recovery as a Service

**Answer:** AE

#### Explanation:

Veeam Cloud Service Providers (VCSPs) are equipped to offer a range of services designed to extend Veeam's data protection capabilities to the cloud, enhancing the flexibility and reliability of backup and disaster recovery strategies for Veeam's customers. The two service offerings that align with VCSP capabilities are:

- \* A. Backup as a Service (BaaS) - This service allows Veeam customers to offload their on- premises backup operations to the cloud, leveraging cloud resources for storage and management of backups. BaaS simplifies backup processes, reduces the need for extensive on-premises infrastructure, and provides an added layer of data protection and accessibility.
- \* E. Disaster Recovery as a Service (DRaaS) - DRaaS extends beyond basic backup services to offer a more comprehensive disaster recovery solution. It ensures not only the availability of backups but also the capability to rapidly restore and run critical workloads in the cloud in the event of a disaster, minimizing downtime and ensuring business continuity. These services leverage the robust capabilities of Veeam Backup & Replication, tailored for cloud environments, to offer scalable, efficient, and secure data protection solutions.

#### NEW QUESTION 56

Why is it recommended to have at least one backup proxy server in each site when defining a replica job?

- A. The proxies allow replication automatic restart after failure.
- B. The proxies allow for no VM snapshots during transit.
- C. It allows deduplication during data transit across the WAN
- D. The proxies allow automatic WAN acceleration.
- E. The proxies enable a stable connection for VM data transfer across sites.
- F. It allows for no VM snapshots

**Answer:** E

#### Explanation:

Having at least one backup proxy server in each site when defining a replica job is recommended because the backup proxy servers are responsible for data processing and transfer. Having proxies in both sites enables a stable connection for VM data transfer across sites, as they handle the data compression, deduplication, and transfer processes. This setup ensures that data is efficiently moved from one site to another, thereby making replication more resilient and reliable. Proxies do not automatically restart replication after failure (A), remove the need for VM snapshots during transit (B and F), or enable automatic WAN acceleration (D), although they can work in conjunction with WAN accelerators if configured to do so. They also don't directly deduplicate data during transit across the WAN (C), although they do compress and optimize it for transfer.

#### NEW QUESTION 59

A software development company has deployed the Veeam Data Platform. Recently, developers have been making increasingly frequent requests to have files restored from their VMware VMs.

What can be done to reduce strain on the backup team?

- A. Give developers access to the Veeam Plug-in for VMware vSphere Client
- B. Give developers access to Veeam One Business View
- C. Give the developers access to the Enterprise Manager Self-Service File Restore Portal
- D. Outsource developer restore requests to a Managed Service Provider

**Answer:** C

#### Explanation:

To alleviate the workload on the backup team while still accommodating the frequent restore requests from developers, the most effective strategy is to empower the developers themselves with the ability to perform file restores. This can be achieved by granting them access to the Enterprise Manager Self-Service File Restore Portal. Veeam Enterprise Manager offers a Self-Service File Restore Portal, which allows users to independently restore files from backups of their VMs without the need for direct intervention by the backup team. This portal is designed with security and ease of use in mind, ensuring that developers can perform restores as needed while adhering to the principle of least privilege, thus reducing the strain on the backup team. This approach aligns with Veeam's emphasis on enhancing operational efficiency and self-service capabilities in data management practices.

#### NEW QUESTION 60

A company needs to ensure that, during a disaster, a group of VMs starts in a certain order with time delays between starting each VM. How can this be accomplished?

- A. Perform a planned failover.
- B. Create a failover plan.
- C. Create a failover template file for the group of VMs.
- D. Create a replica chain in the Veeam Backup & Replication console.

**Answer:** B

#### Explanation:

To ensure that a group of VMs starts in a specific order with time delays during a disaster scenario, the solution is B: Create a failover plan. A failover plan in Veeam Backup & Replication is a feature designed to manage the startup sequence of VMs within a DR site. The failover plan can be customized to specify the order in which VMs should start and to include necessary delays between the startups of each VM. This is especially useful for multi-tier applications where the order of startup is essential for the application stack to become fully operational. By using a failover plan, companies can control the recovery process, ensuring

that VMs are brought online in an orderly and coordinated fashion that respects their interdependencies.

#### NEW QUESTION 62

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

- A. File copy job
- B. Proxy server
- C. Scale-out Backup Repositories
- D. WAN accelerator

**Answer: C**

#### Explanation:

For GDPR compliance, Veeam provides the capability to add location tags to Scale-out Backup Repositories. Location tags in Veeam Backup & Replication are used to identify the location of data, which is essential for adhering to data sovereignty laws like GDPR. Location tagging helps ensure that data residency requirements are met by keeping data in a defined geographical area. In the context of GDPR, it's important to manage and control where personal data is stored and processed. Proxy servers, file copy jobs, and WAN accelerators do not have the functionality to be tagged for GDPR compliance in the same manner as repositories within Veeam Backup & Replication.

#### NEW QUESTION 66

Veeam Backup & Replication is currently configured to keep backups for 14 days on a NAS repository. An engineer needs to enable GFS with 12 monthly and 5 yearly full backups to extend the retention for archival purposes but does not have enough space on the repository to store them.

After adding the repository to Scale-Out-Backup Repository (SOBR) as Performance Tier, which option should the engineer choose to solve this issue?

- A. Add an Object Storage as Capacity tier and set the policy to copy backups to object storage as soon as they are created
- B. Add another NAS repository as Capacity tier and set the policy to move backups older than 14 days
- C. Add an Object Storage as Archive tier and set the policy to move all GFS backups
- D. Add an Object Storage as Capacity tier and set the policy to move backups older than 14 days

**Answer: D**

#### Explanation:

To solve the space issue while enabling GFS retention, the engineer should add an Object Storage as a Capacity tier to the Scale-Out Backup Repository (SOBR) and set the policy to move backups that are older than 14 days. This approach allows for efficient use of local NAS storage for short-term retention and leverages object storage for long-term archival purposes. References: Veeam Backup & Replication User Guide, Veeam SOBR Configuration Guide

#### NEW QUESTION 70

An infrastructure with 50 VMs has a power outage. After the VMware cluster has booted up again, 10 large VMs are orphaned. However, all VM disk files are still on the datastores. What is the quickest way to bring back those VMs with the least possible data loss?

- A. Remove the existing VM disk files from the datastore and perform Instant VM Recovery
- B. Perform Instant VM Recovery with quick rollback with automatic Power On VM at the end.
- C. Perform Restore VM Files and only restore the VM configuration files.
- D. Use the "Restore guest files" option to restore the VM configuration files.

**Answer: C**

#### Explanation:

In a situation where VMs are orphaned after a power outage but their disk files remain intact on the datastores, the most efficient way to restore these VMs with minimal data loss is C: Perform Restore VM Files and only restore the VM configuration files. This approach involves using Veeam Backup & Replication to restore only the necessary VMX files (for VMware) or equivalent configuration files for other hypervisors, which contain the settings and configuration of the VMs. Since the disk files are still present and intact on the datastores, restoring the configuration files allows the VMs to be re-registered with the hypervisor and brought back online quickly, without the need to transfer or restore the entire VM disk files, thus minimizing downtime and data loss.

#### NEW QUESTION 73

A number of VMs are running as interdependent applications. They need to fail over, one by one, as a group. What method should be used to do this?

- A. Replica failover
- B. Replication plan
- C. Planned failover
- D. Failover plan

**Answer: D**

#### Explanation:

To ensure VMs running interdependent applications fail over one by one, as a group, the method to use is D: Failover plan. In Veeam Backup & Replication, a failover plan allows for the orchestration of a group of replicas to fail over in a predefined sequence. This includes the capability to set up delays between starting each VM, which is crucial for interdependent applications that must be started in a specific order to function correctly. The failover plan ensures that dependencies among the group are respected and that the startup sequence follows the correct order, enabling a smooth and organized transition to the failover state.

#### NEW QUESTION 78

An engineer needs to be able to perform all functions without needing to access the backup server locally or over remote desktop. What should the engineer do?

- A. Use SSH to connect to the Veeam Backup & Replication server.
- B. Install the required Veeam Explorers locally
- C. Install the Veeam console on the engineer's desktop.
- D. Use Enterprise Manager to connect to the Veeam Backup & Replication server.

**Answer: C**

**Explanation:**

To perform all functions without needing to access the backup server locally or over remote desktop, the engineer can install the Veeam console on their desktop. This allows the engineer to remotely manage and control the Veeam Backup & Replication infrastructure. The console provides full access to the backup server's capabilities from any machine within the network, making it unnecessary to log in directly to the server. References:

? Veeam Backup & Replication User Guide: Veeam Backup & Replication Console

? Veeam Help Center: Remote Management with Veeam Backup & Replication Console

**NEW QUESTION 79**

What is the primary benefit of configuring replica mapping?

- A. Compressed WAN traffic
- B. Deduplicated WAN traffic
- C. Reduced WAN traffic
- D. Encrypted WAN traffic

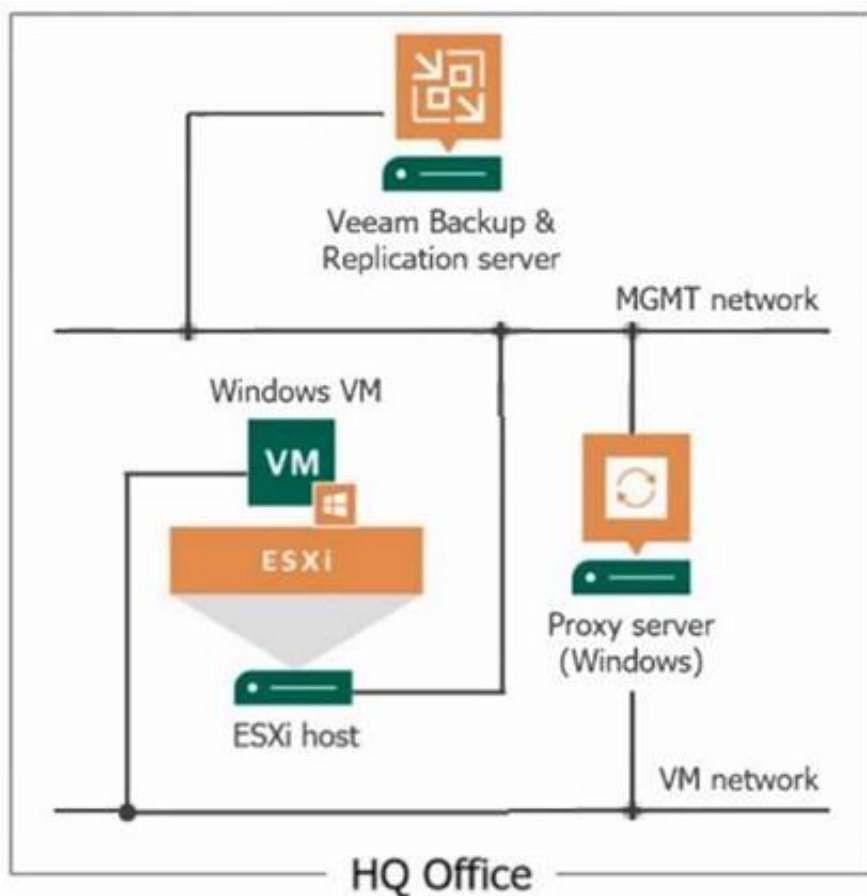
**Answer: C**

**Explanation:**

The primary benefit of configuring replica mapping in Veeam Backup & Replication is C: Reduced WAN traffic. Replica mapping is a feature that allows an administrator to map an existing VM in the disaster recovery site to a replica job. This is particularly useful when the initial replication of a large VM has been performed by other means (such as shipping a hard drive with the VM data to the DR site) or if a replica VM already exists and needs to be re-synced with the source VM. By using replica mapping, Veeam can avoid transferring the entire VM over the WAN again and instead only synchronize the differences between the source VM and the existing replica. This significantly reduces the amount of data that needs to be transferred over the WAN, conserving bandwidth and speeding up the replication process. It's an efficient way to manage replicas, especially for large VMs or in environments with limited bandwidth.

**NEW QUESTION 82**

A backup administrator must enable guest file system indexing for a backup job of a Microsoft Windows file server VM. All required credentials are added to the Veeam Backup & Replication server. VMware Tools (VIX) cannot be used due to security regulations. What should be done to make it possible in the following environment?



- A. Use the proxy server as a guest interaction proxy
- B. Connect the ESXi host to the VM network
- C. Use the Veeam Backup & Replication server as a guest interaction proxy
- D. Install a file system indexing plugin on the Microsoft Windows file server

**Answer: A**

**Explanation:**

If VMware Tools (VIX) cannot be used due to security regulations, the backup administrator can use the proxy server as a guest interaction proxy to enable guest file system indexing for a backup job. The guest interaction proxy is responsible for the deployment and coordination of guest processing tasks, such as guest file system indexing, which does not require VIX. References:

? Veeam Backup & Replication User Guide: Guest Interaction Proxy

? Veeam Knowledge Base: Configuring Guest Interaction Proxies

**NEW QUESTION 84**

Veeam Backup and Replication is currently configured with backup jobs that are targeting a local Backup Repository on a Windows Server.

The backups are now configured to run periodically every 6 hours. The engineer wants to create a secondary copy of the backups. However, due to bandwidth and compute restrictions, the copies must be created and transferred only once a day.

Which option should the engineer choose to achieve this goal?

- A. Configure a Hardened Linux Repository, create a Backup Copy job with Periodic Copy (Pruning) mode to this repository and schedule it to run once a day
- B. Add the repository to a Scale-Out Backup repository, extend it with a Public Cloud Object Storage as Capacity tier in copy and move mode, and set the operational restorewindow to 7 days
- C. Find a Service Provider with Offsite Backup services, create a Backup Copy job with Immediate Copy (Mirroring) mode to the Service Provider repository
- D. [Add the repository to a Scale-Out Backup repository, extend it with a Public Cloud Object Storage as Capacity tier in copy mode

**Answer:** A

**Explanation:**

To achieve the goal of creating a secondary copy of the backups that is transferred only once a day, the engineer should configure a Hardened Linux Repository and create a Backup Copy job with Periodic Copy (Pruning) mode to this repository, scheduling it to run once a day. This setup respects the bandwidth and compute limitations while ensuring a daily copy of the backups. References: Veeam Backup & Replication User Guide, Veeam Backup Copy Job Configuration Guide

**NEW QUESTION 85**

A physical Linux file server needs to be migrated to VMware ESXi. The server has several volumes: /dev/sda (60GB), /dev/sdb (1TB) and /dev/sdc (4TB). What is the quickest option to migrate the server?

- A. Create an empty VM and perform bare metal recovery inside the VM.
- B. Perform Instant VM Recovery.
- C. Perform Instant Disk Recovery for each volume.
- D. Export all disks, create an empty VM and attach the disks.

**Answer:** B

**Explanation:**

The quickest option for migrating a physical Linux file server with multiple volumes to VMware ESXi is to perform Instant VM Recovery. This feature allows you to run the server directly from the backup file in a VMware environment, significantly reducing the time and complexity involved in migration. References: Veeam Backup & Replication User Guide, Veeam Instant VM Recovery for Physical Servers

**NEW QUESTION 90**

The engineer needs to back up sensitive data located on VMware vSphere encrypted VMs. The company policy prioritizes data security over anything else. In the backup infrastructure, the engineer has configured:

One physical proxy configured on the DirectSAN Access transport mode, for fast data transfer speed and less load on the production network  
Two physical proxies in NBDSSL  
Encryption has been enabled on the backup job  
Which action will allow the VM data to remain encrypted during the entire backup process?

- A. Configure Global Network Traffic Rules to encrypt the backup traffic.
- B. Configure the job to use the proxies with the NBDSSL transport mode.
- C. Configure the job to use the proxy with the DirectSAN Access transport mode.
- D. Upload a custom script that re-encrypts the VM data after the backup job.

**Answer:** B

**Explanation:**

To ensure that the VM data remains encrypted throughout the backup process, the job should be configured to use the proxies with the NBDSSL (Network Block Device SSL) transport mode. This mode encrypts data transferred over the network, adhering to the company policy that prioritizes data security. While DirectSAN Access is fast, it does not provide encryption of in-flight data. References:  
? Veeam Backup & Replication User Guide: Transport Modes  
? Veeam Best Practices: Securing Backup Traffic

**NEW QUESTION 95**

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, Edit, Delete
- B. Undo, Start, Copy, Delete
- C. Cance
- D. Start, Edit, Delete
- E. Cancel, Start, Copy, Delete

**Answer:** A

**Explanation:**

After completing a planned failover for VMs to the disaster recovery site, the typical actions available in Veeam Backup & Replication for a failover plan are:  
? Undo: This allows you to reverse the failover and return the VMs to the original location.  
? Start: This would be used to initiate the failover plan if it needs to be executed again.  
? Edit: This option permits modifications to the failover plan.  
? Delete: This allows the removal of the failover plan if it is no longer needed. There are no options for Copy in the context of a failover plan, and the Cancel option is typically available before and during the failover process, not after completion.

**NEW QUESTION 96**

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 the six months. How should a backup copy job be configured to meet these requirements?

- A. Use periodic copy (pruning) mode, keeping 62 days of retention and six monthly GFS restore points.



- B. Use immediate copy (mirroring) mode, keeping 180 days of retention.
- C. Use periodic copy (pruning) mode, keeping 180 days of retention.
- D. Use immediate copy (mirroring) mode, keeping 62 days of retention and 26 weekly GFS restore points.

**Answer:** A

**Explanation:**

To meet the specified requirements, configuring a backup copy job in periodic copy (pruning) mode with 62 days of retention and six monthly Grandfather- Father-Son (GFS) restore points is the best approach. This setup allows for daily backups for up to two months and weekly backups for up to six months, aligning with the desired restore capabilities. References: Veeam Backup & Replication User Guide, Veeam GFS Retention Policy Explanation

**NEW QUESTION 99**

A Veeam administrator has been tasked to create a backup that will automatically make a copy of data on a different media type, while also being off site, without creating additional backup or backup copy jobs. The administrator has determined that a Scale-out Backup Repository can be used as part of the solution. How can this be accomplished?

- A. Add an archive tier to the Scale-out Backup Repository and enable "GFS Tiering".
- B. Add a capacity tier to the Scale-out Backup Repository and enable the "Copy" option.
- C. Add an archive tier to the Scale-out Backup Repository and enable the "Copy" option.
- D. Add a capacity tier to the Scale-out Backup Repository and enable the "Move" option.

**Answer:** B

**Explanation:**

By adding a capacity tier to the Scale-out Backup Repository and enabling the "Copy" option, the administrator can create a backup that automatically copies data to a different media type (object storage) and also ensures that the data is offsite. This is accomplished without creating additional backup or backup copy jobs.

The "Copy" option allows for immediate copying of backups to the capacity tier, meeting the criteria specified. References:

? Veeam Backup & Replication User Guide: Scale-Out Backup Repository

? Veeam Help Center: Capacity Tier and Archive Tier Configuration

**NEW QUESTION 101**

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

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

**Answer:** A

**Explanation:**

Veeam Backup & Replication offers the capability to assign location tags to different components within the backup infrastructure, including vCenter servers. This feature is particularly useful for GDPR compliance, as it allows administrators to specify the physical location of the data processed and stored within vCenter servers, helping to ensure that data sovereignty and regulatory requirements are met. References:

? Veeam Backup & Replication User Guide: Location Tagging for GDPR Compliance

? Veeam Help Center: GDPR Compliance and Data Location Controls

**NEW QUESTION 106**

An engineer has 3 Veeam Backup servers in 3 different data centers. The engineer needs a way to have centralized licensing and role-based access control. How should the engineer accomplish this with the least effort?

- A. Install the Remote console on a different client
- B. Use the Veeam Web Portal
- C. Create a web portal using REST API
- D. Deploy the Enterprise Manager

**Answer:** D

**Explanation:**

Veeam Enterprise Manager provides centralized management for Veeam Backup & Replication environments. It enables the administrator to manage licensing and role-based access control across multiple Veeam Backup servers in different locations, offering a unified control panel with minimal effort compared to other options that would require more complex setups or custom development work. References:

? Veeam Backup & Replication User Guide: Veeam Enterprise Manager

? Veeam Help Center: Centralized Management with Enterprise Manager

**NEW QUESTION 109**

An environment is using Veeam Agent for Microsoft Windows and has Microsoft Exchange 2016 with regular database availability groups (DAGs) configured. What option is required to properly back up the databases?

- A. Standalone server
- B. Advanced Exchange Backup
- C. Exchange Processing
- D. Failover Cluster

**Answer:** D

**Explanation:**

The procedure of adding a Microsoft Exchange Database Availability Group (DAG) to a Veeam Agent backup job differs depending on the type of the DAG that

you want to process: For a regular DAG, the backup job configuration procedure is the same as for any failover cluster. To process a regular DAG, you must configure a Veeam Agent backup job for a failover cluster [https://helpcenter.veeam.com/docs/backup/agents/dag\\_hiw.html?ver=120](https://helpcenter.veeam.com/docs/backup/agents/dag_hiw.html?ver=120)

#### NEW QUESTION 110

A backup of a Windows VM running on a VMware cluster has been created. In which scenario can the Quick Rollback option be used during a Full VM Restore of the VM?

- A. Migration of VM to VMware host in a different data center
- B. Issues caused by storage data corruption
- C. Migration of VM to Hyper-V host in the same data center
- D. Issues caused by VM guest user error

**Answer:** D

#### Explanation:

The Quick Rollback feature can be used during a Full VM Restore to restore only the changed blocks of data since the last backup. This is typically used when the issues are minor and have been caused by VM guest user error, rather than full-scale data corruption or migrations to a different virtualization host. Quick Rollback can efficiently restore the VM to its previous state without the need to transfer the entire VM's data. References:

? Veeam Backup & Replication User Guide: Quick Rollback

? Veeam Help Center: Performing Quick Rollback

#### NEW QUESTION 112

For Veeam agent backup jobs, what feature is only available with Veeam Agent for Microsoft Windows?

- A. Application-aware processing of
- B. Backup from storage snapshots
- C. Volume backup
- D. File-level backup

**Answer:** A

#### Explanation:

Application-aware processing is a feature exclusive to Veeam Agent for Microsoft Windows. It allows for the creation of consistent backups of Windows-based applications and ensures that databases and applications like Microsoft Active Directory, SQL Server, Exchange, and SharePoint are quiesced and in a consistent state when being backed up. References:

? Veeam Agent for Microsoft Windows User Guide: Application-Aware Processing

? Veeam Help Center: Application-Aware Processing in Veeam Agent for Windows

#### NEW QUESTION 117

On Monday, a backup administrator found out that some backup jobs were missing from a configuration. They want to roll back the configuration database to Friday's state. Which configuration restore mode should be used?

- A. Veeam Explorer for Microsoft SQL
- B. Instant SQL Recovery
- C. Restore
- D. Migrate

**Answer:** C

#### Explanation:

To roll back the configuration database to Friday's state, the backup administrator should use the 'Restore' mode available in Veeam Backup & Replication. This mode allows for the entire configuration backup to be restored, which includes the job settings and history, and brings the configuration database back to the state it was in at the time of the backup. References:

? Veeam Backup & Replication User Guide: Configuration Backup and Restore

? Veeam Help Center: Configuration Restore

#### NEW QUESTION 120

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. Restore
- B. Planned failover
- C. Failover plan
- D. Migrate

**Answer:** A

#### Explanation:

When moving the Veeam Backup & Replication server and its configuration database to new hardware or servers, the appropriate process to undertake is a configuration restore, denoted by option A: Restore. This process involves using the Veeam Backup & Replication Configuration Backup utility, which regularly backs up the configuration of the Veeam Backup & Replication server. In the event of a hardware migration or significant system change, this utility allows administrators to restore the server's configuration, including all settings, job configurations, and inventory, onto the new server setup. This ensures a seamless transition with minimal disruption to the backup operations and policies that were previously in place.

#### NEW QUESTION 121

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

- A. Veeam ONE stores the license file necessary for Veeam Backup & Replication.

- B. Veeam ONE can verify that the server meets the minimum requirements to install Veeam Backup & Replication.
- C. Veeam ONE is a prerequisite for Veeam Backup & Replication installation.
- D. Veeam ONE can potentially identify infrastructure issues prior to performing a backup.

**Answer:** D

**Explanation:**

It is recommended to install Veeam ONE before Veeam Backup & Replication because Veeam ONE can potentially identify infrastructure issues that might affect backup operations before they are performed. This proactive approach ensures that the environment is optimized for successful backup and replication tasks. References: Veeam Installation and Configuration Guide, Veeam ONE Deployment Best Practices

**NEW QUESTION 123**

A company has an application on a VMware VM that stores customer photos. Customers may request their photos be removed at any time. The server needs to be restored from last week's backup. What Veeam restore process allows for custom scripting to be run to automatically remove any required photos before the server is returned to production?

- A. Instant Disk Recovery
- B. Instant VM Recovery
- C. Staged Restore
- D. Secure Restore

**Answer:** C

**Explanation:**

The Veeam restore process that allows for custom scripting to be run before returning a server to production is Staged Restore. This feature enables administrators to perform necessary operations, like running a script to remove customer photos, during the restore process before the VM is brought back online. References: Veeam Backup & Replication User Guide, Veeam Staged Restore Guide

**NEW QUESTION 128**

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