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Shared by Mays on 09-08-2024

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Question 1

Question Type: MultipleChoice

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?

Options:

A- Remove the existinq 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.

Question 2

Question Type: MultipleChoice

An engineer is using Veeam Backup and Replication v12.

The only backup repository is a Microsoft Windows server with direct attached Fibre Channel storage array.

The engineer realizes that none of their backups are immutable. A second copy of the backup on a different site and a different media is required.

Which option should be used to provide immutable backups on a secondary site with a different media?

Options:

A- Create a Scale Out Backup Repository with the existing Microsoft Windows Server as the performance tier and an HPe StoreOnce Catalyst share with immutability enabled as the capacity tier.

B- Create a Scale Out Backup Repository with the existing Microsoft Windows Server as the performance tier and AWS S3 bucket with immutability enabled as the capacity tier.

C- Create a new hardened repository on a new Microsoft Windows Server, mark it as immutable and create a backup copy job on it.

D- Create a Scale Out Backup Repository with the existing Microsoft Windows Server as the performance tier and Google Cloud Object Storage with immutability enabled as the capacity tier.

Answer:

B

Explanation:

To provide immutable backups on a secondary site with a different media, the best option given the context is B: Create a Scale Out Backup Repository (SOBR) with the existing Microsoft Windows Server as the performance tier and an AWS S3 bucket with immutability enabled as the capacity tier.

This approach involves leveraging the existing backup infrastructure (Microsoft Windows Server with direct-attached storage) as the performance tier of the SOBR, where the most recent backups are stored for fast access. For long-term storage and immutability, backups can be offloaded to an AWS S3 bucket configured with Object Lock. The Object Lock feature in AWS S3 provides an additional layer of data protection by making the backup data immutable, meaning it cannot be deleted or modified for a specified duration. This setup ensures that backup data is protected against accidental deletion, ransomware, and other malicious activities.

By implementing this configuration, the engineer can achieve the desired level of data protection and immutability, utilizing cloud storage as a secure and scalable secondary backup location, distinct from the primary on-premises storage media.

Question 3

Question Type: MultipleChoice

What can Veeam Service Providers deploy in the Veeam Service Provider Console v7.0?

Options:

A- Enterprise pluqins

B- Veeam backup aqents

C- Veeam Backup for Microsoft 365

D- Veeam One

Answer:

C

Explanation:

In the Veeam Service Provider Console v7.0, Veeam Service Providers can deploy C: Veeam Backup for Microsoft 365. This deployment option is designed to extend the capabilities of Veeam Service Providers, allowing them to offer managed backup services for Microsoft 365 environments, including Exchange Online, SharePoint Online, OneDrive for Business, and Microsoft Teams. Veeam Backup for Microsoft 365 is a comprehensive solution that provides secure backup of Microsoft 365 data, ensuring its availability and recoverability in the event of accidental deletion, security threats, or retention policy gaps. By integrating this solution into the Veeam Service Provider Console, service providers can manage and monitor Microsoft 365 backups across multiple tenants, enhancing their service offerings and providing added value to their customers.

Question 4

Question Type: MultipleChoice

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

Options:

A- AWS

B- Tencent Cloud

C- Alibaba Cloud

D- Oracle VM Virtualbox

E- Microsoft Azure

Answer:

A, E

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.

Question 5

Question Type: MultipleChoice

What is the primary benefit of configuring replica mapping?

Options:

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.

Question 6

Question Type: **MultipleChoice**

An engineer wants to make sure that a single SQL Database can be recovered in a consistent manner with an RPO that will offer the least impact on the production environment during production hours. Granular restores should be performed with the Veeam console as the company does not have a DBA and is not using SQL Management Studio (SSMS).

The engineer took the following steps:

* Created a separate job for the MS SQL VMs

* At guest processing, enabled application-aware processing and provide the credentials with sufficient permissions

* Schedule the job to run every 24 hours

Which other change can the engineer make for this job to achieve the proposed goals?

Options:

A- Schedule transaction log processing every 30 minutes

B- Remove the VM and add only the SQL Databases in the job

C- Set the backup job to perform recovery using Veeam Explorer for SQL

D- Schedule the job to run every 30 minutes

Answer:

A

Explanation:

To achieve the goal of recovering a single SQL Database in a consistent manner with minimal impact on the production environment during production hours, while allowing for granular restores through the Veeam console, the engineer should A: Schedule transaction log processing every 30 minutes. By enabling application-aware processing for the SQL VM and scheduling the main backup job to run every 24 hours, the base image of the SQL database is protected. However, to achieve a more granular Recovery Point Objective (RPO) and ensure the ability to restore to specific points in time, transaction log backups must be performed more frequently. Configuring the backup job to process transaction logs every 30 minutes captures the SQL database changes more frequently without the overhead of a full backup, allowing for point-in-time restores directly from the Veeam console without the need for SQL Management Studio (SSMS) or a Database Administrator (DBA). This setup aligns with the goals of maintaining operational efficiency and minimizing the impact on production while ensuring robust data protection capabilities.

Question 7

Question Type: MultipleChoice

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

Options:

A- Enable immediate in the backup copy job settings drop down.

B- Right click on the job name and choose immediate.

C- Copy the original backup copy job to a different folder and remap the job.

D- Create a new backup copy job and delete the original job.

Answer:

D

Explanation:

To change a backup copy job from periodic mode to immediate mode, the most straightforward approach is D: Create a new backup copy job and delete the original job. Veeam Backup & Replication does not directly allow changing the mode of an existing backup copy job from periodic to immediate within the job settings. Therefore, the recommended practice is to set up a new backup copy job with the

desired settings, in this case, immediate mode, which starts copying backups as soon as they are created by the primary backup job. After the new backup copy job is configured and tested to confirm it meets the requirements, the original periodic mode job can be safely deleted. This ensures a seamless transition to the immediate mode operation without risking data protection consistency or coverage.