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Dell Data Protection Design 2023

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Question: 633

A healthcare organization needs to implement a data protection solution that ensures data is encrypted during both backup and recovery processes. Which specific feature of Dell EMC Avamar meets this requirement?

- A. Role-based access control
- B. Data replication
- C. Multi-tenancy
- D. Data encryption

Answer: D

Explanation: Data encryption in Dell EMC Avamar ensures that sensitive healthcare data is protected during both backup and recovery processes, meeting compliance and security requirements.

Question: 634

In a Dell Data Protection environment, what is the role of a policy-driven approach to backup management?

- A. It automates the backup process completely
- B. It simplifies the user interface for backup tasks
- C. It ensures backups are aligned with business requirements
- D. It eliminates the need for manual intervention

Answer: C

Explanation: A policy-driven approach to backup management ensures that backup processes are aligned with specific business requirements, such as compliance, retention, and recovery objectives. This approach allows organizations to establish clear guidelines for their data protection strategies, ensuring that all backup activities support overall business goals. While automation and simplification are valuable, alignment with business needs is paramount.

Question: 635

Which metric is most important when assessing the success of a Dell EMC backup strategy?

- A. Backup Success Rate
- B. User Satisfaction
- C. Storage Utilization

D. Network Latency

Answer: A

Explanation: The backup success rate is crucial for assessing the effectiveness of a backup strategy, indicating how often backups complete successfully without errors.

Question: 636

In the context of planning a data protection solution using Dell EMC RecoverPoint, which element is crucial for determining the required bandwidth between the production site and the recovery site?

- A. The total number of virtual machines protected
- B. The geographical distance between the two sites
- C. The maximum allowable RPO for all applications
- D. The average size of the data changes per RPO interval

Answer: D

Explanation: The average size of data changes per RPO interval directly affects the required bandwidth, as larger changes necessitate more data transfer, influencing the overall design of the data protection solution.

Question: 637

What is the role of the Dell EMC Data Protection Advisor in a comprehensive data protection strategy?

- A. It analyzes backup and recovery operations to provide insights into performance and utilization.
- B. It serves as a central management interface for all Dell EMC backup products.
- C. It provides hardware monitoring and alerts for Data Domain systems.
- D. It offers a user-friendly interface for configuring data encryption settings.

Answer: A

Explanation: The Dell EMC Data Protection Advisor is primarily focused on analyzing backup and recovery operations. It provides insights into performance, utilization, and compliance, helping organizations optimize their data protection strategies and ensure efficient operations.

Question: 638

In the context of Dell EMC's data protection environment, how does "Continuous Data Protection" (CDP) differ from traditional backup methods?

- A. CDP provides real-time or near-real-time data capture, allowing for granular recovery of data changes.
- B. CDP focuses solely on full backups rather than incremental backups.
- C. CDP eliminates the need for data retention policies.
- D. CDP is limited to specific types of data, excluding databases.

Answer: A

Explanation: "Continuous Data Protection" (CDP) differs from traditional backup methods by providing real-time or near-real-time data capture, allowing for granular recovery of data changes. This capability enables organizations to minimize data loss and improve recovery times, enhancing overall data resilience.

Question: 639

What is the maximum number of snapshots that can be retained for a single source in Dell EMC PowerProtect?

- A. 128
- B. 1024
- C. 512
- D. 256

Answer: D

Explanation: Dell EMC PowerProtect allows for a maximum of 256 snapshots for a single source, providing multiple recovery points for enhanced data protection.

Question: 640

A company is transitioning to a cloud-based data protection model using Dell EMC PowerProtect Data Manager. Which feature is critical for ensuring that data can be efficiently backed up and restored from the cloud?

- A. Centralized management
- B. Policy-based automation
- C. API-driven workflows
- D. Multi-cloud support

Answer: D

Explanation: Multi-cloud support in Dell EMC PowerProtect Data Manager is critical for ensuring that data can be efficiently backed up and restored from various cloud environments, facilitating a seamless transition to cloud-based data protection.

Question: 641

What is the primary benefit of implementing automated data protection policies?

- 1- Reduced operational costs
- 2- Improved compliance reporting
- 3- Enhanced user productivity
- 4- Increased data availability

- A. 1, 2, 3, 4
- B. 4, 1, 2, 3
- C. 3, 1, 4, 2
- D. 2, 4, 1, 3

Answer: D

Explanation: Automated data protection policies enhance data availability and compliance reporting by ensuring backups are performed consistently and according to regulations, leading to reduced operational costs.

Question: 642

When configuring a Dell EMC PowerProtect DD system, which setting is critical to ensure that deduplication efficiency is maximized without overloading the system's resources?

- A. Setting a high retention period for backup data
- B. Limiting the number of concurrent backup streams
- C. Increasing data transfer rates to the maximum
- D. Reducing the deduplication ratio

Answer: B

Explanation: Limiting the number of concurrent backup streams helps maximize deduplication efficiency while preventing resource overload, leading to better overall performance.

Question: 643

Which is a key feature of Dell EMC's Cloud Disaster Recovery that enhances flexibility?

- A. Multi-Cloud Support
- B. Immutable Backups
- C. Application Consistency
- D. Data Compression

Answer: A

Explanation: Multi-cloud support is a key feature of Dell EMC's Cloud Disaster Recovery, offering flexibility in choosing cloud providers and optimizing storage costs.

Question: 644

A company has deployed Dell Data Protection solutions and is experiencing challenges in managing encryption keys across multiple platforms. Which strategy should they implement to ensure seamless key management and compliance with security standards?

- A. Implement a centralized key management system that integrates with all data protection applications through APIs
- B. Use manual key distribution methods to maintain control over encryption keys
- C. Rely solely on the built-in key management features of each individual platform without integration
- D. Create separate key management systems for each platform to avoid complexity

Answer: A

Explanation: A centralized key management system allows for consistent policy enforcement and simplifies compliance with security standards. It enables automated key rotation and audit logging, reducing the risk of key compromise while ensuring that all data protection applications can access necessary keys securely.

Question: 645

What does the Dell EMC Data Protection Framework aim to achieve?

- A. All of the above
- B. Enhance data security
- C. Improve compliance

D. Simplify backup processes

Answer: A

Explanation: The Dell EMC Data Protection Framework aims to simplify backup processes, enhance data security, and improve compliance with data protection regulations.

Question: 646

Which of the following describes a critical aspect of the performance tuning process for Dell EMC Cyber Recovery solutions in terms of ensuring data recovery speed?

- A. Integrating automated workflows to streamline recovery tasks
- B. Prioritizing recovery of less critical data first
- C. Utilizing only on-premises resources for recovery
- D. Conducting recovery tests infrequently to save resources

Answer: A

Explanation: Integrating automated workflows to streamline recovery tasks is critical for enhancing recovery speed, as it minimizes manual intervention and accelerates the overall recovery process.

Question: 647

In Dell Data Protection, which of the following is crucial for maintaining data integrity during backups?

- 1- Hashing algorithms
- 2- Incremental backup frequency
- 3- Data compression techniques
- 4- Multithreading during backup operations

- A. 1, 3, 2, 4
- B. 1, 2, 3, 4
- C. 2, 4, 1, 3
- D. 3, 1, 4, 2

Answer: A

Explanation: Hashing algorithms are essential for verifying data integrity during backups by ensuring that the data has not been altered or corrupted throughout the backup process.

Question: 648

A financial institution is looking to implement Dell Data Protection solutions while ensuring maximum data security. What should be prioritized in their deployment strategy?

- A. The use of basic password protection on all backup files
- B. Limiting data backups to only critical systems
- C. Frequent user training on data handling procedures
- D. End-to-end encryption of all sensitive data both in transit and at rest

Answer: D

Explanation: End-to-end encryption of sensitive data is vital for protecting against data breaches, especially in a financial context. It ensures that data remains secure throughout its lifecycle, thereby adhering to industry regulations and safeguarding customer trust.

Question: 649

A customer requires a solution that allows for quick recovery of critical applications. Which Dell EMC feature should they focus on?

- A. Data deduplication
- B. Long-term retention
- C. Instant Recovery
- D. Cloud tiering

Answer: C

Explanation: Instant Recovery allows for rapid restoration of critical applications, enabling organizations to maintain business continuity with minimal downtime.

Question: 650

To optimize the performance of a Dell EMC PowerProtect DD system, which tuning parameter should be adjusted if the system is experiencing high latency during data deduplication?

- A. Increase the number of concurrent deduplication jobs
- B. Decrease the deduplication window size
- C. Adjust the compression ratio settings
- D. Optimize the network settings for higher throughput

Answer: A

Explanation: Increasing the number of concurrent deduplication jobs can effectively reduce latency by spreading the workload, allowing the system to process data more efficiently.

Question: 651

A customer has 10 TB of data and needs to maintain a backup retention period of 60 days. If the daily change rate is 2%, what is the total amount of data that needs to be backed up after 60 days?

- A. 10 TB
- B. 12 TB
- C. 16 TB
- D. 14 TB

Answer: D

Explanation: The total data to be backed up is $10 \text{ TB} + (10 \text{ TB} * 0.02 * 60) = 10 + 12 = 14 \text{ TB}$ after 60 days.

Question: 652

What is the significance of the DD Extended Retention feature in Dell EMC PowerProtect DD for organizations with long-term data retention requirements?

- A. It allows for the secure archival of data for extended periods.
- B. It enables data tiering based on access frequency.
- C. It automates data migration to cloud storage.
- D. It provides real-time monitoring of data access.

Answer: A

Explanation: DD Extended Retention is crucial for organizations that need to archive data securely for extended periods, ensuring compliance with long-term data retention policies.

Question: 653

Which Dell EMC solution is designed for protecting data in SaaS applications like Office 365?

- A. Avamar

- B. PowerProtect
- C. RecoverPoint
- D. Data Domain

Answer: B

Explanation: PowerProtect is designed to protect data in SaaS applications, including Office 365, providing comprehensive backup and recovery options.

Question: 654

What is the maximum number of clients that can be supported per Dell EMC Avamar node?

- A. 100
- B. 1000
- C. 500
- D. 2000

Answer: B

Explanation: Each Dell EMC Avamar node can support up to 1000 clients, allowing for scalable and efficient data protection in various environments.

Question: 655

When sizing a Dell EMC PowerProtect DD solution, which of the following metrics is least likely to influence the overall storage capacity required for effective data protection?

- A. Average backup job size
- B. Frequency of full versus incremental backups
- C. Number of backup clients in the environment
- D. Total number of data centers involved in the backup strategy

Answer: D

Explanation: While the number of data centers may affect redundancy and recovery strategies, it is less directly related to the storage capacity required for effective data protection compared to the other metrics listed.

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