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**IBM**

**C1000-089**

*IBM Spectrum Virtualize V8.3.1 Administrator*

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## Question: 1

Which component of IBM Spectrum Virtualize V8.3.1 Administrator provides a graphical user interface (GUI) for managing storage resources?

- A. IBM Spectrum Control
- B. IBM Spectrum Protect
- C. IBM Spectrum Scale
- D. IBM Spectrum Virtualize GUI

Answer: D

Explanation: The IBM Spectrum Virtualize GUI component provides a graphical user interface for managing storage resources in IBM Spectrum Virtualize V8.3.1 Administrator, allowing administrators to perform various storage management tasks easily.

## Question: 2

Which storage virtualization technology does IBM Spectrum Virtualize V8.3.1 Administrator utilize?

- A. Fibre Channel over Ethernet (FCoE)
- B. Internet Small Computer System Interface (iSCSI)
- C. Network-Attached Storage (NAS)
- D. Storage Area Network (SAN)

Answer: D

Explanation: IBM Spectrum Virtualize V8.3.1 Administrator utilizes Storage Area Network (SAN) technology to provide storage virtualization capabilities, allowing for centralized management and improved storage efficiency.

### Question: 3

Which of the following is a benefit of using IBM Spectrum Virtualize V8.3.1 Administrator?

- A. Increased network bandwidth utilization
- B. Improved data deduplication ratios
- C. Simplified storage provisioning
- D. Enhanced server virtualization capabilities

Answer: C

Explanation: One of the benefits of using IBM Spectrum Virtualize V8.3.1 Administrator is simplified storage provisioning, which streamlines the process of allocating storage resources and reduces administrative overhead by providing centralized management and automation features.

### Question: 4

Which of the following features is provided by IBM Spectrum Virtualize V8.3.1 Administrator?

- A. Data encryption at rest
- B. File-level deduplication
- C. Object storage integration
- D. Network traffic monitoring

Answer: A

Explanation: IBM Spectrum Virtualize V8.3.1 Administrator provides the feature of data encryption at rest, which ensures that data stored on virtualized storage systems remains secure even when not in use.

### Question: 5

What is the role of IBM Spectrum Control in IBM Spectrum Virtualize V8.3.1 Administrator?

- A. Data replication management
- B. Backup and recovery
- C. Performance monitoring and reporting
- D. Data encryption and security

Answer: C

Explanation: IBM Spectrum Control in IBM Spectrum Virtualize V8.3.1 Administrator plays a role in performance monitoring and reporting, providing insights into the performance of storage systems and enabling administrators to optimize resource allocation and troubleshoot performance issues.

### Question: 6

Which protocol is commonly used for host connectivity in IBM Spectrum Virtualize V8.3.1 Administrator?

- A. Fibre Channel
- B. Network File System (NFS)
- C. Internet Small Computer System Interface (iSCSI)
- D. Common Internet File System (CIFS)

Answer: A

Explanation: Fibre Channel is commonly used for host connectivity in IBM Spectrum Virtualize V8.3.1 Administrator, providing high-speed and reliable communication between the storage systems and the connected hosts.

### Question: 7

What is the purpose of Easy Tier in IBM Spectrum Virtualize V8.3.1 Administrator?

- A. To optimize data placement across storage tiers
- B. To enable data compression and deduplication
- C. To provide data encryption capabilities
- D. To perform automated data backups

Answer: A

Explanation: Easy Tier in IBM Spectrum Virtualize V8.3.1 Administrator is a feature that dynamically optimizes data placement across different storage tiers based on data access patterns, improving performance and efficiency by automatically moving frequently accessed data to faster storage tiers.

### Question: 8

Which of the following replication methods is supported by IBM Spectrum Virtualize V8.3.1 Administrator?

- A. Asynchronous replication
- B. Block-level replication
- C. Compression-based replication
- D. Snapshot-based replication

Answer: A

Explanation: IBM Spectrum Virtualize V8.3.1 Administrator supports asynchronous replication, which allows data to be replicated between storage systems with a time lag, ensuring data consistency and minimizing the impact on production workloads.

## Question: 9

What is the purpose of thin provisioning in IBM Spectrum Virtualize V8.3.1 Administrator?

- A. To allocate storage capacity on-demand
- B. To prioritize I/O requests
- C. To optimize data placement across drives
- D. To perform automated backups

Answer: A

Explanation: Thin provisioning in IBM Spectrum Virtualize V8.3.1 Administrator allows storage capacity to be allocated on-demand, enabling efficient utilization of available storage resources by allocating capacity as needed, rather than pre-allocating it upfront.



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