## Dell Information Storage and Management Foundations





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### **Course Modules**

#### 1. Modern Data Center Infrastructure



- Data classification, elements of a data center, data center, etc
- Cloud characteristics, cloud service models, & cloud deployment
- Characteristics of big data, big data analytics, AI/ML, etc.,
- Compute system, storage, connectivity in a data center, etc.,
- Software-defined data center, modern data center architecture...

#### 2. Storage Systems

- Explain the components of an intelligent storage system, & RAID
- Describe storage provisioning and tiering
- Explain the features and components of block, file, object, etc

#### 3. Storage Networking Technologies

- FC SAN components, FC ports, topologies, link aggregation, etc
- Explain the components & connectivity of iSCSI, FCIP, and FCoE
- NVMe over Fabrics, Software-defined storage and networking

#### 4. Backup, Archive, and Replication

- Info availability measurements & key fault tolerance techniques
- Backup granularity, architecture, backup targets, operations, etc.
- Describe data deduplication & data archiving solns architecture
- Describe replication uses, & replication & migration techniques

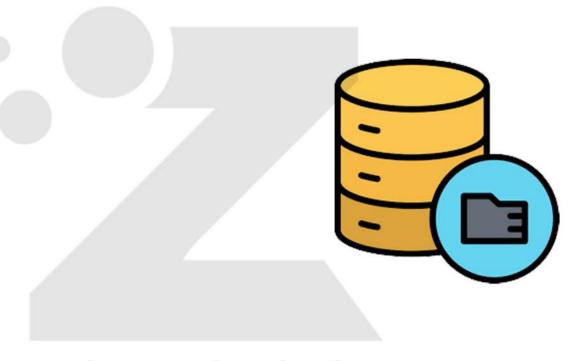


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#### 5. Security and Management

- Info security goals, terminologies, various security domains, etc
- Explain key security controls to protect the storage infrastructure
- Storage infrastructure management functions and processes



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