

# Commvault Implementation and Maintenance

## **Module 1: Designing a CommCell Environment**

- ✓ *Next Generation Platform*
- ✓ *Next Generation Platform Overview*
- ✓ *CommServe Server*
- ✓ *CommServe DR Backup*
- ✓ *CommServe DB Maintenance*
- ✓ *MediaAgents*
- ✓ *Storage Design*
- ✓ *Storage Overview*
- ✓ *Deduplication Storage Design*
- ✓ *Partition Deduplication Design*
- ✓ *Disk Library Design*
- ✓ *Tape Library Design*
- ✓ *GridStor Technology*
- ✓ *Data Protection Planning*
- ✓ *Business Continuity Concepts*
- ✓ *Disaster Recovery Concepts*
- ✓ *Data Description*
- ✓ *Data Availability*
- ✓ *Protected Storage Requirements*
- ✓ *Data Protection Methods*
- ✓ *Virtual Environment Data Protection Design*
- ✓ *Virtual Protection Overview*
- ✓ *Virtual Server Agent Backup Process*
- ✓ *Virtual Server Agent Roles*
- ✓ *Transport Modes*
- ✓ *Create a VSA Pseudo Client*
- ✓ *VSA Backup Set and Subclient Configuration*
- ✓ *VSA AppAware Backup*
- ✓ *Traditional File Recovery vs. Block-Level Browse*

## **Module 2: CommCell Deployment and Configuration**

- ✓ *CommCell Deployment*
- ✓ *CommCell Installation Process*
- ✓ *CommCell Upgrade Process*
- ✓ *Commvault Software*
- ✓ *CommServe Server Installation*
- ✓ *MediaAgent Installation and Configuration*
- ✓ *Storage Configuration*
- ✓ *Client Agent Deployment*
- ✓ *Standard Agent Installation*
- ✓ *Custom Agent Installation Methods*

**Module 3: Network Control and Data Security**

- ✓ *Network Control*
- ✓ *Client Job Throttling*
- ✓ *Firewall Configuration*
- ✓ *Firewall Overview*
- ✓ *Restricted Firewall Configuration*
- ✓ *Blocked Firewall Configuration*
- ✓ *Proxy Firewall Configuration*
- ✓ *Firewall Topologies*
- ✓ *Firewall Administration*
- ✓ *Data Encryption*
- ✓ *Encryption Overview*
- ✓ *Configure Inline Encryption*
- ✓ *Configure Hardware Encryption*
- ✓ *Configure Copy Based Encryption*
- ✓ *Configure Media Password*

**Module 4: Performance Tuning**

- ✓ *Performance Primer*
- ✓ *Performance Benchmarks*
- ✓ *Improving Performance*
- ✓ *Commvault Performance Settings*
- ✓ *Stream Management*
- ✓ *Stream Management Primer*
- ✓ *Deduplication Stream Management*