COURSE TABLE OF CONTENTS

Rubrik Security Cloud (RSC) Administration

OEM: Rubrik • Duration: 5 Days (40 hrs)

COURSE MODULES & TOPICS

Module 1: Introduction to Rubrik

- Introduction to Rubrik
- Rubrik Security Cloud (RSC) overview
- Rubrik CDM overview
- Traditional backup vs. modern data protection
- Rubrik features and benefits
- Rubrik product portfolio

Module 2: Rubrik Architecture

- Rubrik cluster architecture
- Rubrik nodes and components
- Rubrik Brik overview
- RSC and CDM integration
- Data protection workflow
- Backup architecture
- Cluster connectivity

Module 3: RSC Dashboard

- Accessing Rubrik Security Cloud
- Dashboard navigation
- Administration console
- Cluster health overview

Module 4: RSC Administration

- RSC navigation and administration
- User management
- Role-Based Access Control (RBAC)
- Role and permission configuration
- Multi-Factor Authentication (MFA)
- Single Sign-On (SSO) overview

Module 5: Security Administration

- Authentication and authorization
- Audit logs
- Activity monitoring
- Security policies
- Administrative best practices
- User access troubleshooting

Module 6: SLA Domain Fundamentals

- Introduction to SLA Domains
- SLA policies and configuration

- Creating SLA Domains
- Backup frequency and scheduling
- Retention policies
- Local retention

Module 7: Advanced SLA Management

- Archival retention
- Replication policies
- Assigning SLA Domains to workloads
- SLA inheritance and assignment
- Snapshot management
- SLA compliance monitoring
- SLA violation troubleshooting

Module 8: VMware Integration

- VMware vCenter integration
- VMware architecture overview
- Virtual machine discovery
- vCenter connectivity
- VMware workload protection
- Snapshot management

Module 9: VMware Backup Operations

- Protecting virtual machines
- SLA assignment
- On-demand snapshots
- Backup job monitoring
- VM recovery overview
- VMware backup troubleshooting

Module 10: Physical Server Protection

- Windows server protection
- Linux server protection
- Rubrik Backup Service (RBS)
- RBS installation and configuration
- Host registration
- File system protection

Module 11: Database Protection

- Microsoft SQL Server protection
- Oracle database protection
- Database backup workflows
- Database recovery concepts
- Backup monitoring
- Database backup troubleshooting

Module 12: Recovery Fundamentals

- Recovery concepts and procedures
- Snapshot-based recovery
- Virtual machine recovery

- File and folder-level recovery
- Recovery point selection
- Restore validation

Module 13: Advanced Recovery

- Live Mount operations
- Instant recovery
- SQL Server recovery
- Oracle recovery
- Recovery testing
- Recovery troubleshooting

Module 14: AWS Protection

- AWS integration with Rubrik
- AWS account onboarding
- EC2 instance protection
- EBS volume protection
- AWS backup workflows
- Cloud recovery operations

Module 15: Azure and Cloud Administration

- Azure integration overview
- Azure workload protection
- Cloud-native data protection
- Cloud archival
- Cloud backup monitoring
- Cloud connectivity troubleshooting

Module 16: Rubrik Security

- Rubrik security architecture
- Zero Trust security concepts
- Data encryption
- Immutable backups
- Ransomware protection
- Threat monitoring
- Anomaly detection

Module 17: Archival and Replication

- Archival configuration
- AWS S3 integration
- Azure archival overview
- Replication configuration
- Replication monitoring
- Archival and replication troubleshooting

Module 18: Kubernetes Protection

- Kubernetes architecture overview
- Kubernetes cluster integration
- Exocompute concepts
- Namespace protection

- Persistent volume protection
- Kubernetes backup and recovery

Module 19: Automation and Monitoring

- Rubrik REST API introduction
- API authentication
- PowerShell integration overview
- Reporting and dashboards
- Capacity monitoring
- Cluster health monitoring

Module 20: Operational Best Practices

- Daily administration activities
- Backup monitoring
- SLA compliance
- Capacity planning
- Operational best practices

Module 21: Troubleshooting

- Backup job failure analysis
- SLA violation troubleshooting
- VMware backup issues
- RBS installation issues
- Network and connectivity issues
- DNS and firewall troubleshooting
- Log collection and analysis
- Raising and managing Rubrik support cases

Module 22: Hands-on Practical Labs

- Navigate RSC dashboard
- Configure SLA Domains
- Assign SLA to workloads
- Protect virtual machines
- Monitor backup jobs
- Perform file-level recovery
- Review backup failures

Module 23: Final Assessment

- Knowledge assessment
- Real-time troubleshooting scenarios
- Course review
- Questions and answers