



CERTIFIED DISASTER RECOVERY PROFESSIONAL COURSE

Prepared By (CTO) SYNTHOQUEST

45 Days Duration

Duration: 45 days × 2 hrs/day = 90 hrs

Goal: Equip professionals with the skills to plan, implement, and manage business continuity and disaster recovery strategies for organizations.

Core Domains

1. Introduction to Disaster Recovery & Business Continuity (10%)

- Importance of DR & BC in organizational resilience
- Types of disasters: natural, technical, human-caused
- Regulatory and compliance requirements (ISO 22301, GDPR, HIPAA)

2. Risk Assessment & Business Impact Analysis (15%)

- Risk identification and evaluation
- Business impact analysis (BIA) methodology
- Recovery time objectives (RTO) and recovery point objectives (RPO)

3. Disaster Recovery Planning (20%)

- DR policy and plan development
- Roles & responsibilities, DR team structure
- DR strategies: on-premise, cloud, hybrid, cold/hot/warm sites

4. Backup & Recovery Solutions (15%)

- Backup types: full, incremental, differential, snapshot
- Storage technologies: SAN, NAS, cloud, tape
- Testing backup restoration and validation

5. Crisis Management & Incident Response Integration (15%)

- DR & IR alignment
- Emergency communication and escalation procedures
- Coordination with SOC, IT, and business units

6. Testing, Maintenance & Continuous Improvement (15%)

- DR plan testing: tabletop, simulation, failover drills
- Monitoring KPIs and metrics
- Lessons learned, plan updates, and audits

7. Cloud & Virtualization in DR (10%)

- Cloud disaster recovery solutions: AWS, Azure, GCP
- Virtualization, replication, and high availability strategies
- DR orchestration tools

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