

HURBAD
Institute of Technology



CompTIA

Network+ 06

Network Management

STUDY PLAN

MAALINKA 1AAD

NETWORK MANAGEMENT DOCUMENTATION

1. Operating Plans and Procedures
2. System Life Cycle Plans and Procedures
3. Physical Network Diagrams
4. Rack Diagrams
5. Network Rack 42U and 4U
6. Logical versus Physical Network Diagrams

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NETWORK POLICY MANAGEMENT

1. Security Response Plans and Procedures
2. Hardening and Security Policies
3. Usage Policies
4. Data Loss Prevention
5. Remote Access Policies
6. Common Agreements

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DISASTER RECOVERY CONCEPTS

1. High Availability
2. Fault Tolerance and Redundancy
3. Recovery Sites
4. Facilities and Infrastructure Support
5. Power Management

6. Network Device Backup Management

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HIGH AVAILABILITY CONCEPTS

1. Multipathing
2. Link Aggregation and NIC Teaming
3. Load Balancers
4. Redundant Hardware/Clusters
5. First Hop Redundancy

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CLOUD CONCEPTS

1. Cloud Scalability and Elasticity
2. Cloud Deployment Models
3. Infrastructure as a Service (IaaS)
4. Platform as a Service (PaaS)
5. Software as a Service (SaaS)
6. Cloud Connectivity Options
7. Cloud Security Implications

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VIRTUALIZATION AND SAN

1. Hypervisor Types
2. Virtual NICs, Switches, and NFV
3. Storage Area Networks (SANs)

DATACENTER NETWORK ARCHITECTURE

1. Datacenter Network Design
2. Software Defined Networking
3. Spine and Leaf Topology