# **ROOMAN TECHNOLOGIES**

## Security+

## 1 - Security Fundamentals

- Information Security Cycle
- Information Security Controls
- Authentication Methods
- Cryptography Fundamentals
- Security Policy Fundamentals

#### 2 - Identifying Security Threats and Vulnerabilities

- Social Engineering
- Malware
- Physical Threats and Vulnerabilities
- Software-Based Threats
- Network-Based Threats
- Wireless Threats and Vulnerabilities
- Physical Threats and Vulnerabilities

#### 3 - Managing Data, Application, and Host Security

- Manage Data Security
- Manage Application Security
- Manage Device and Host Security
- Manage Mobile Security

#### 4 - Implementing Network Security

- Configure Security Parameters on Network Devices and Technologies
- Network Design Elements and Components
- Implement Networking Protocols and Services
- Apply Secure Network Administration Principles
- Secure Wireless Traffic

### 5 - Implementing Access Control, Authentication, and Account Management

- Access Control and Authentication Services
- Implement Account Management Security Controls

## 6 - Managing Certificates

- Install a Certificate Authority (CA) Hierarchy
- Enroll Certificates
- Secure Network Traffic by Using Certificates
- Renew Certificates
- Revoke Certificates
- Back Up and Restore Certificates and Private Keys
- Restore Certificates and Private Keys

## 7 - Implementing Compliance and Operational Security

- Physical Security
- Legal Compliance

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- Security Awareness and Training
- Integrate Systems and Data with Third Parties

### 8 - Risk Management

- Risk Analysis
- Implement Vulnerability Assessment Tools and Techniques
- Scan for Vulnerabilities
- Mitigation and Deterrent Techniques

## 9 - Troubleshooting and Managing Security Incidents

- Respond to Security Incidents
- Recover from a Security Incident

## 10 - Business Continuity and Disaster Recovery Planning

- Business Continuity
- Plan for Disaster Recovery
- Execute Disaster Recovery Plans and Procedures

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