Controls Categories

Technical Security Controls -> Logical controls implemented in hardware, software or firmware that automat the process of preventing, detecting and responding to security threats (things that go to a paper or PDF)
- ACL
- Firewalls
- Intrusion Detection System (IDS) -> SIEM
- Intrusion prevention Systems (IPS)
- Encryption
- Antimalware
- VPN

Managerial security controls -> Administrative Controls are polices, procedures and guidelines
- Security Polices and Procedures
- Risk Management
- Incident Response and Recovery Plans
- Business Continuity and Disaster Recovery Plan
- Security Awareness Training

Operational Security Controls -> Are the day-to-day methods and procedures that are implemented to ensure and maintain the security of its information and assets (done by the people in the org)
- Physical media protection
- The execution of Incident response plan

Physical security Controls -> protect the actual hardware and facilities, these controls are designed to prevent unauthorized access, damage, and interference to the organizations physical resources
- Lighting
- Signs
- Fences
- Security guards
- Cameras

Technical Security Controls -> Could be configured
Managerial security controls -> Could be in a paper or a PDF

Operational Security Controls -> Day-to-day security

Physical security Controls -> Protect the integrity of the hardware in a physical environment