Security Awareness Training

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Security Operations for CC℠ Certification

Agenda:

Data Security	Security Operations and Administration
Security Awareness Training	**Exam review Tips and Techniques**

Golden Security Keys
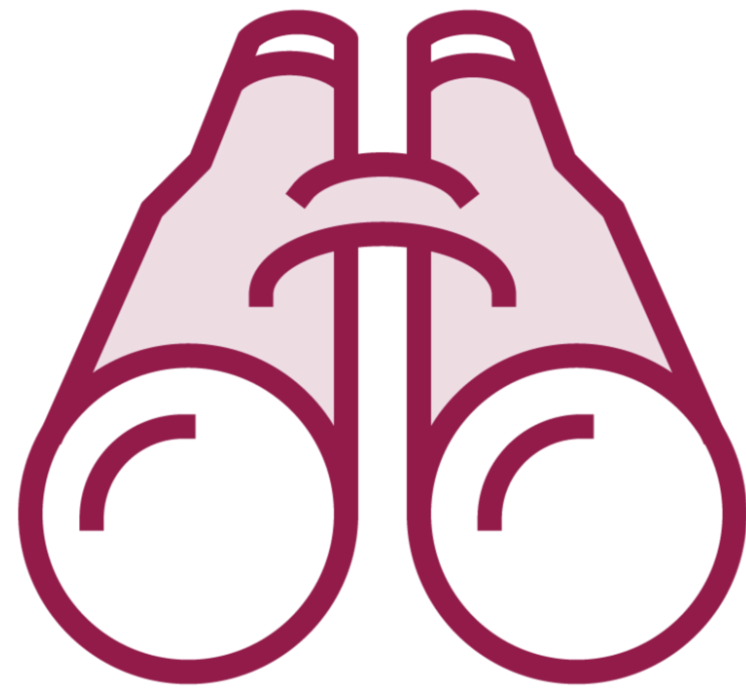
Security requires:

- Senior Management support

Security must:
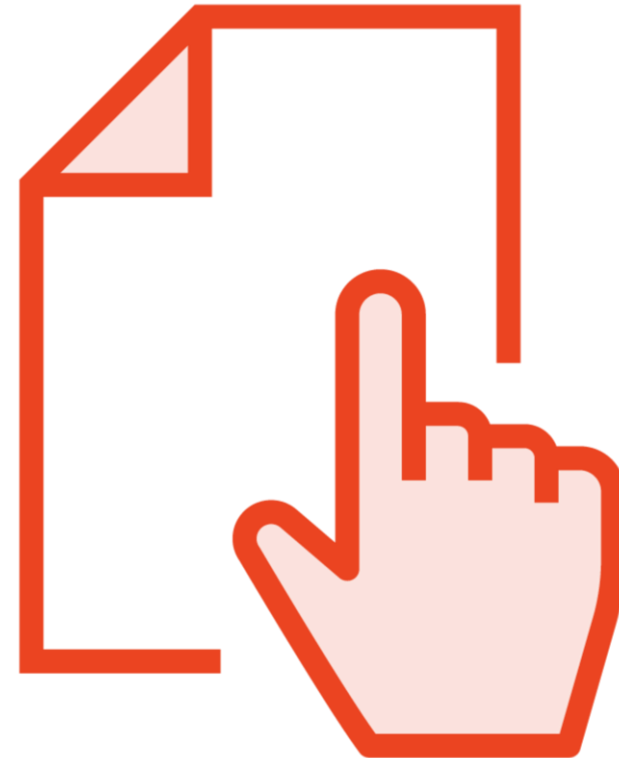
- Be aligned with, and support the business
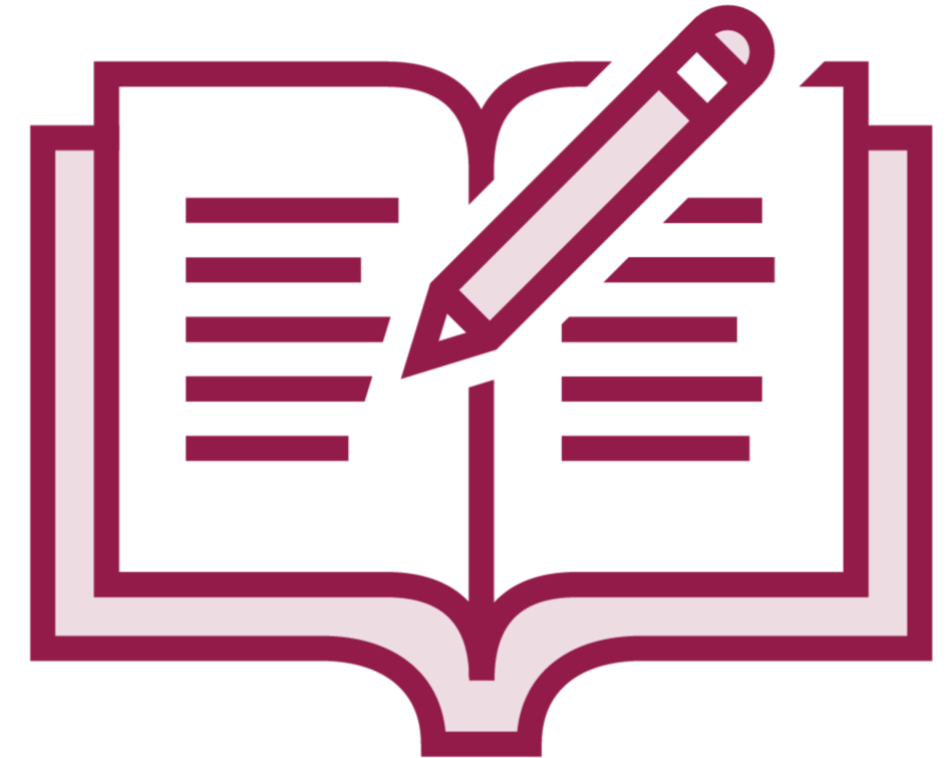
The best control is:

- Security Awareness

Education Versus Awareness

Awareness

Training

Education

Security Awareness

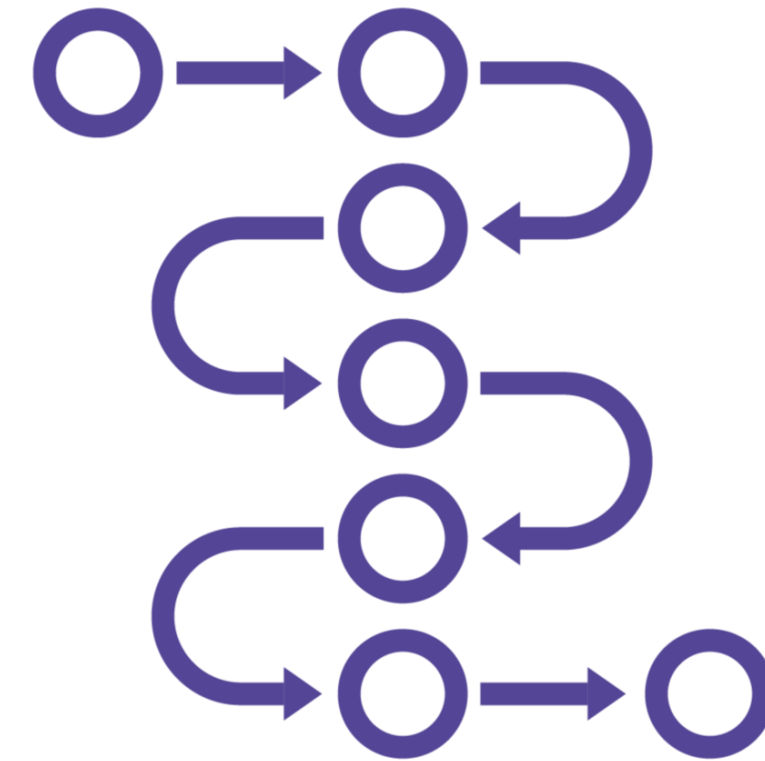**Influences behavior**

Creates a sensitivity to issues

Establishes accountability

Security Awareness

Timely

Repeated

Security Awareness Programs

Encourage attendance

Vary delivery model

Practical

Make security possible

Social Engineering

Social Engineering

The manipulation of people to perform actions that they should not do

Types of Social Engineering

Intimidation

Name-dropping

Appealing for assistance

Technical
- **Phishing**

Social Engineering Symptoms

Pressure

- Urgency

Flattery

Threats

Preventing Social Engineering

Culture
- It's OK to say 'NO'

Policy

Procedures
- Independent verification

Current Threats

Threats to Address

Ransomware

Social Media

DDoS

Password Theft

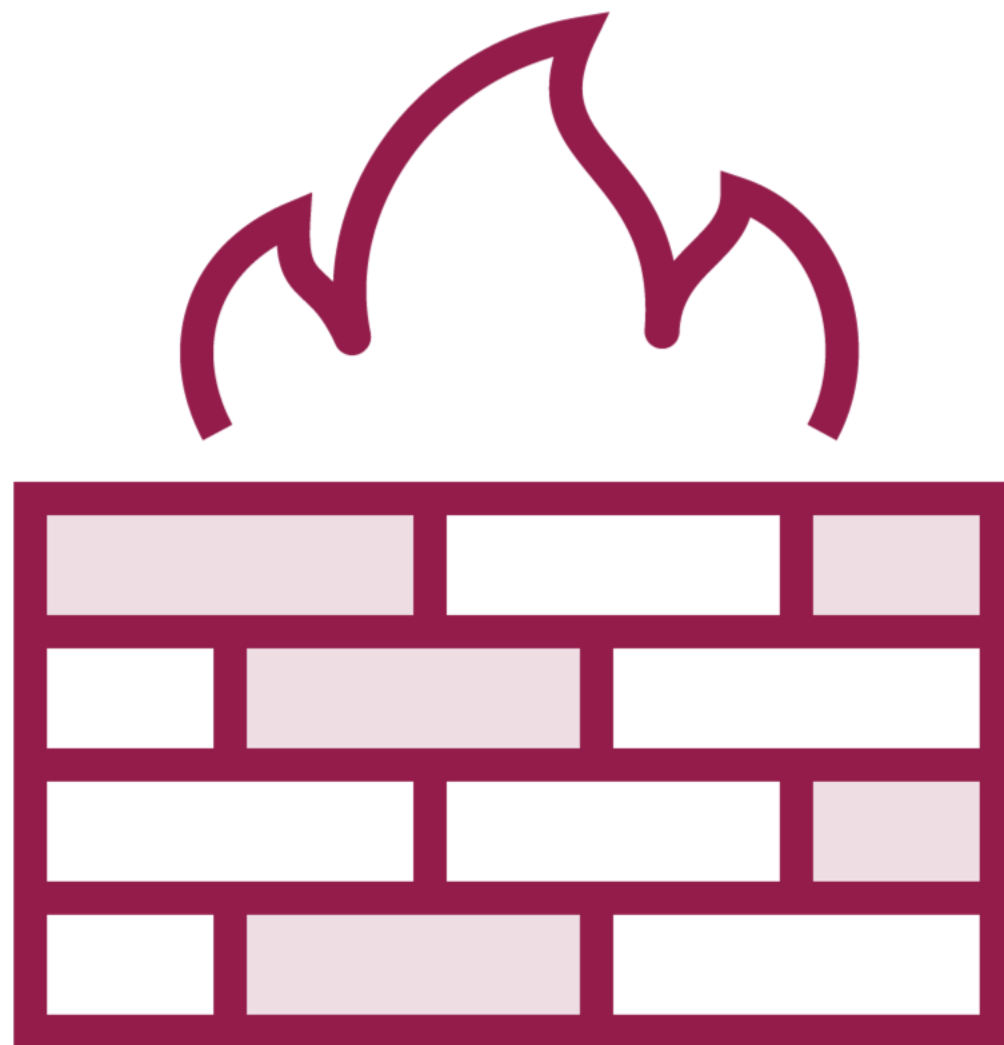**Sharing of passwords between accounts**
- Same password used on sensitive business applications as well as social media accounts

How to create a good password

Do not share one-time passwords

How to Report

Who to call in case of a problem
- Suspected incident

Not a 'blame' culture

Key Points Review

Security breaches cost organizations enormous amounts of money every year

Breaches are often due to human error

Awareness can prevent and detect many types of incidents