

Domain Summary



Kevin Henry

CISM CISSP CCSP

kevin@kmhenrymanagement.com



CC® Certification Examination

Domains	Weights
1. Security Principles	26%
2. Business Continuity (BC), Disaster Recovery (DR), & Incident Response	10%
3. Access Control Concepts	22%
4. Network Security	24%
5. Security Operations	18%



Access Controls Concepts for the CC® Certification

Agenda:

**Access Controls
Concepts**

**Physical Access
Controls**

**Logical Access
Controls**





Key Points

Access controls are the heart of a security program

Access controls ensure that authorized people can only perform authorized functions and unauthorized people cannot do anything



Key Points – Access Controls



Key terms used to describe access permissions include:

- Least privilege
- Need-to-know
- Separation of duties



Key Points – Physical Access Controls

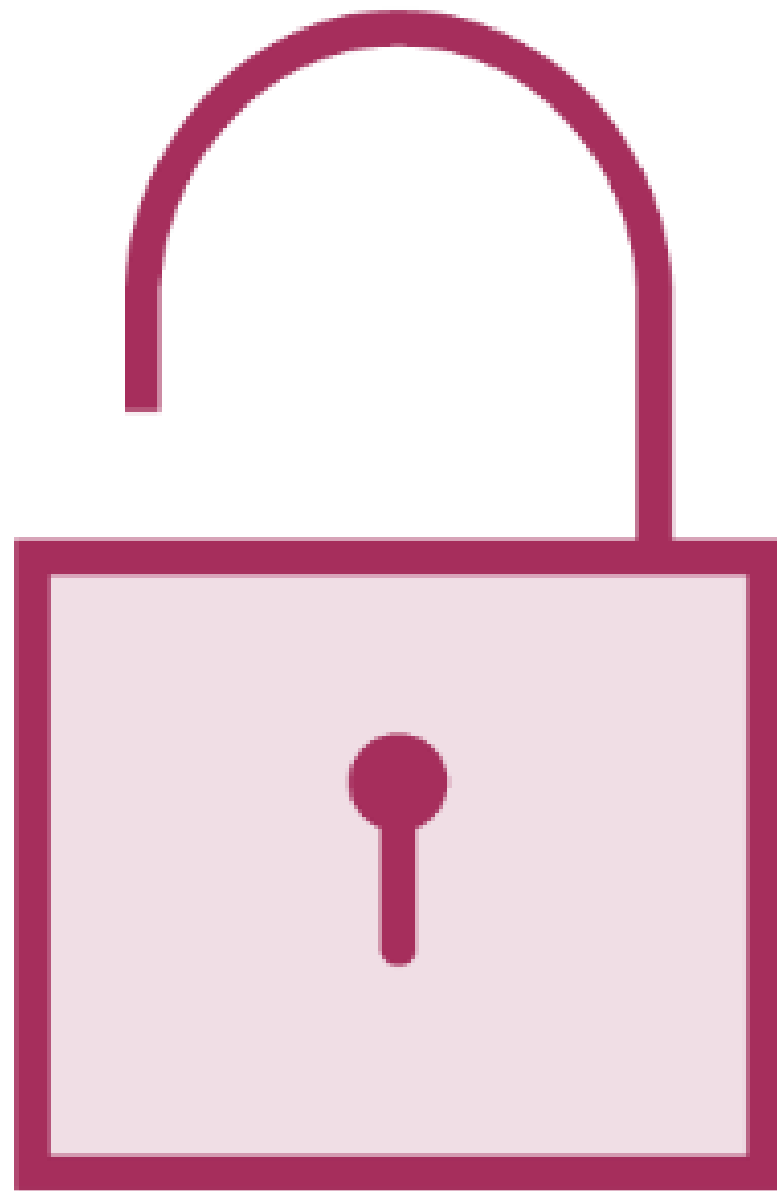


Physical access is as important as logical access

Physical access is often a good example of layered defense or defense in depth



Key Points – Logical Access



Protection for systems, networks and data

End-point security

Remote access

Wireless access

Single sign-on



Policy and Mandates



Discretionary Access Control

Mandatory Access Control

Rule-based Access Control

Role-based Access Control

Attribute-based Access Control

Next Steps



Review and understand each topic area – not just memorization

Do the sample questions in the Study Guide

Proceed to the next domain – Network Security for the Certified in Cybersecurity certification

