

Cloud Security Operations for CCSP®

Domain Summary



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CISSP/CCSP/SSCP/CRISC/CISM/CCSK

<https://www.profabula.com/whyprofabula>



Exam Content Outline

**Build and implement
physical and logical
infrastructure for
cloud environment**

**Operate and maintain
physical and logical
infrastructure for
cloud environment**

**Implement
operational controls
and standards**

**Support digital
forensics**

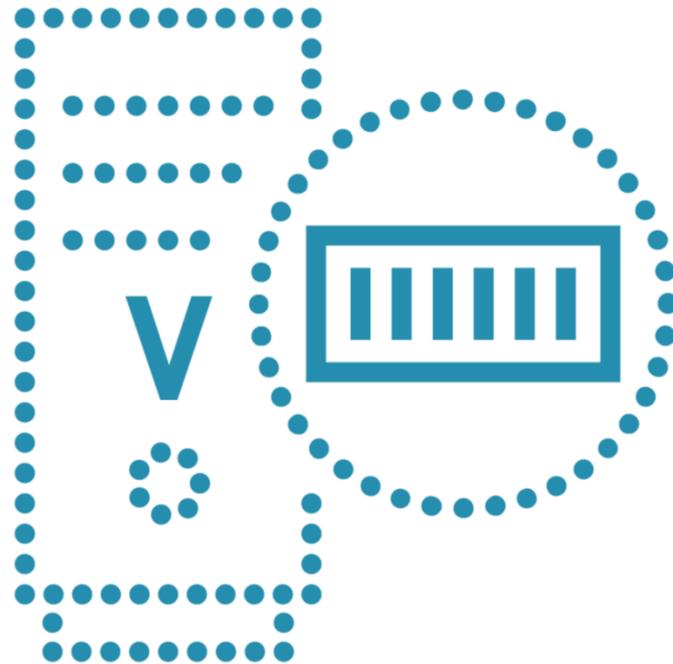
**Manage
communication with
relevant parties**

**Manage security
operations**

Key Points



Most physical controls in the cloud are provider managed

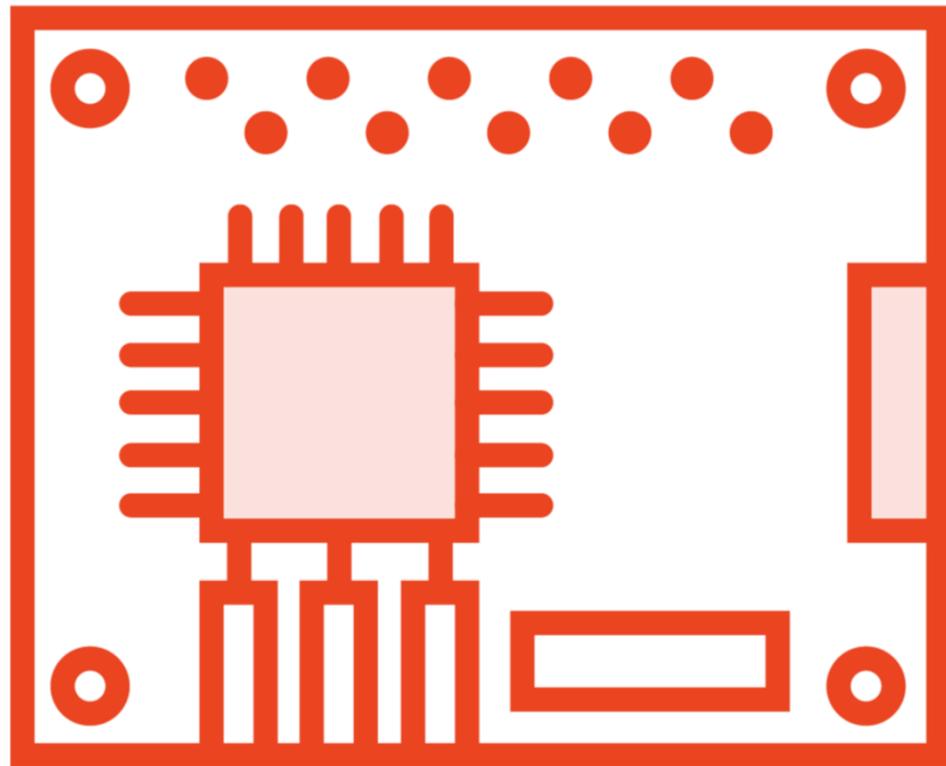


Logical control responsibility spans shared responsibility model



Administrative controls are the starting point

Components of Physical and Logical Security



Hardware Security Module

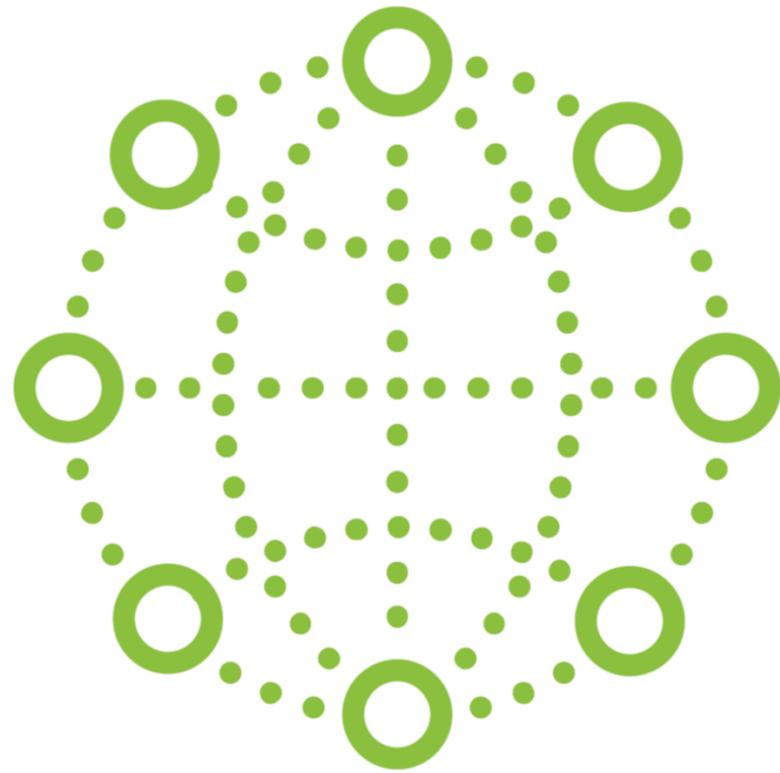
Type I Hypervisor

Trusted Platform Module

Firewalls and Security Groups

Data Encryption Keys

Systems of Physical and Logical Security



VXLAN

DNSSEC

IPSEC and TLS VPNs

IaC

Administrative Controls

Change management

**Configuration, deployment,
release, and patch management**

**Incident and problem
management**

**Service-level, availability, and
continuity management**

Monitoring of Security Controls

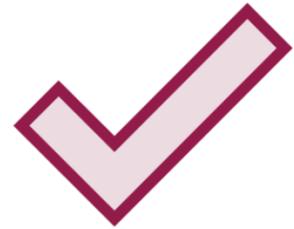


Vulnerability monitoring

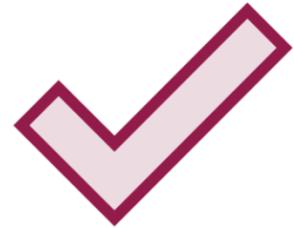
Log capture and analysis

Security operations center

Next Steps



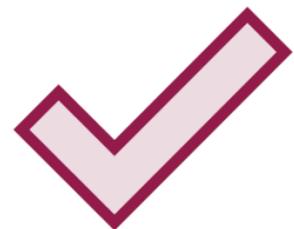
Do the self-assessment questions



Think about why one answer may be better than another



Review the references, important terminology and exam essentials provided in the Study Guide



Proceed to the next course – Legal, Risk, and Compliance