

# Cloud Security Operations for CCSP®

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## 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**

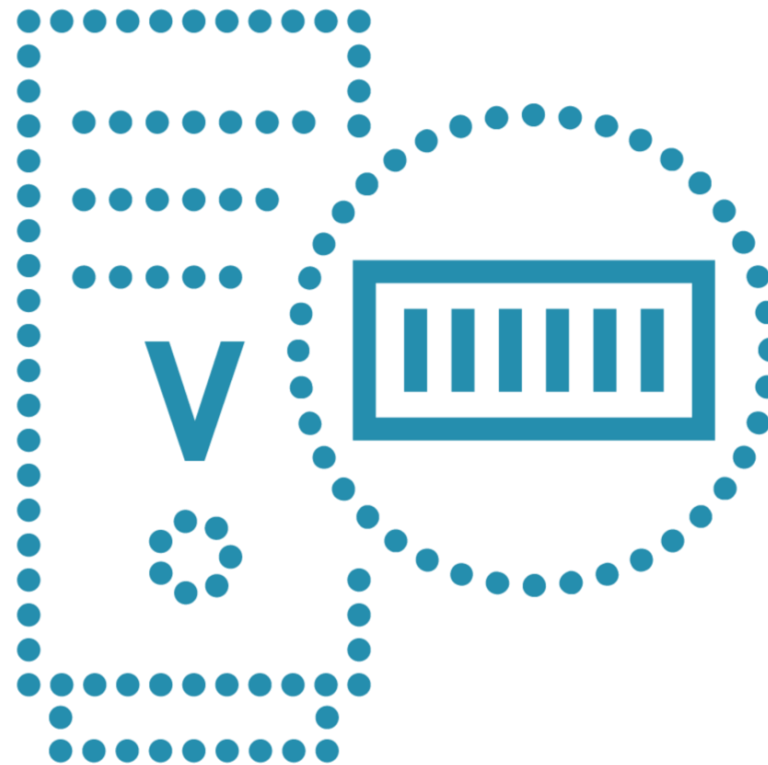
**Manage  
communication with  
relevant parties**

**Manage security  
operations**

# Key Points



**Most physical  
controls in the cloud  
are provider managed**

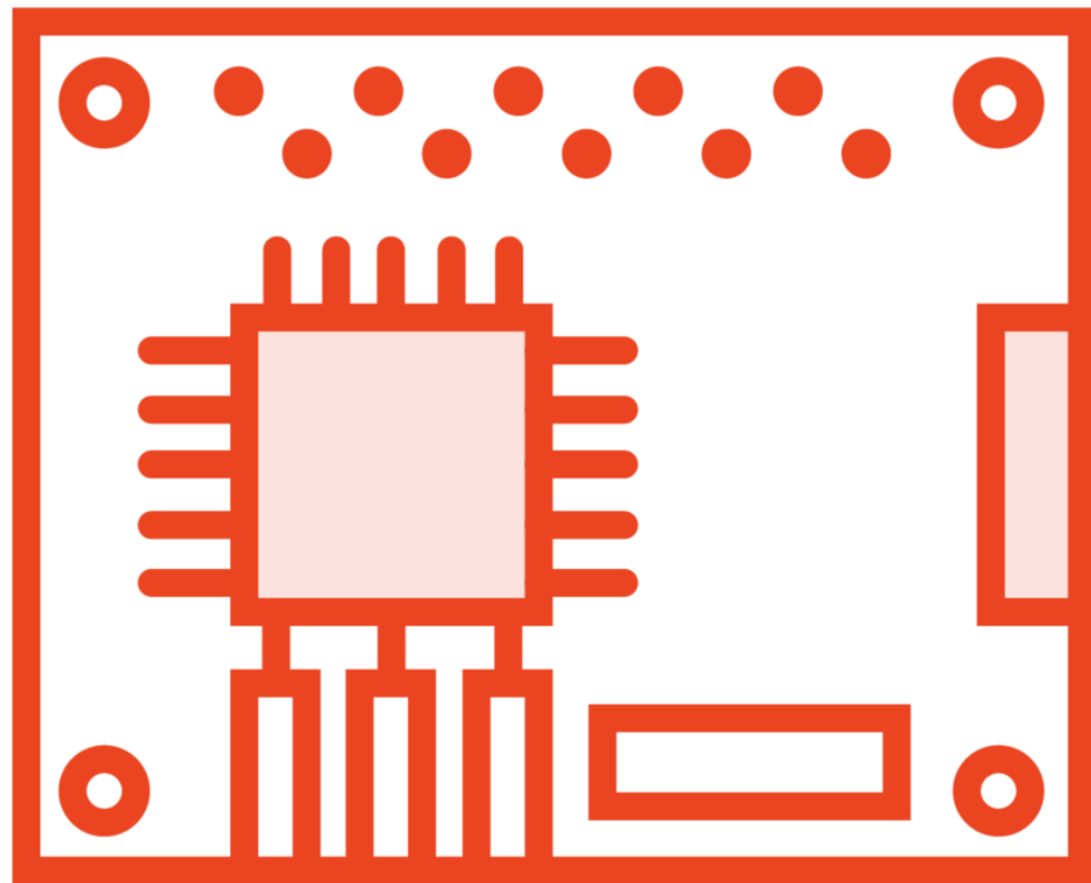


**Logical control  
responsibility spans  
shared responsibility  
model**



**Administrative  
controls are the  
starting point**

# Components of Physical and Logical Security



**Hardware Security Module**

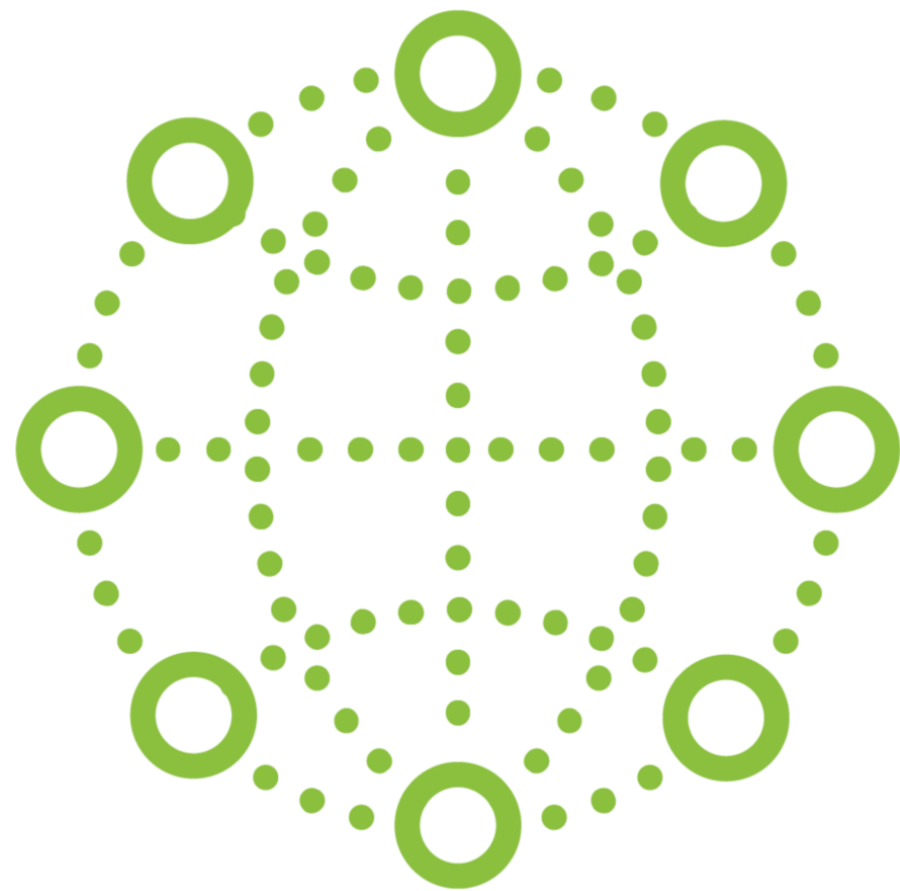
**Type I Hypervisor**

**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**