

# Cloud Concepts, Architecture, and Design

## CCSP®

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### Domain Summary



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# Exam Content Outline

**Understand Cloud  
Computing  
Concepts**

**Describe Cloud  
Reference  
Architecture**

**Understand  
Security Concepts  
Relevant to Cloud  
Computing**

**Understand Design  
Principles of Secure  
Cloud Computing**

**Evaluate Cloud  
Service Providers**

# Key Points



**The focus is on Cloud Security - not just Cloud principles**



**There are many different cloud deployments**



**Align information security with business requirements**

# Information Security Program Goals



## **Cost-effective risk management**

- **The cloud represents supply chain risk**
- **Cloud-specific risk**

## **Ownership of Risk**

- **Data ownership**

# Cloud Concepts

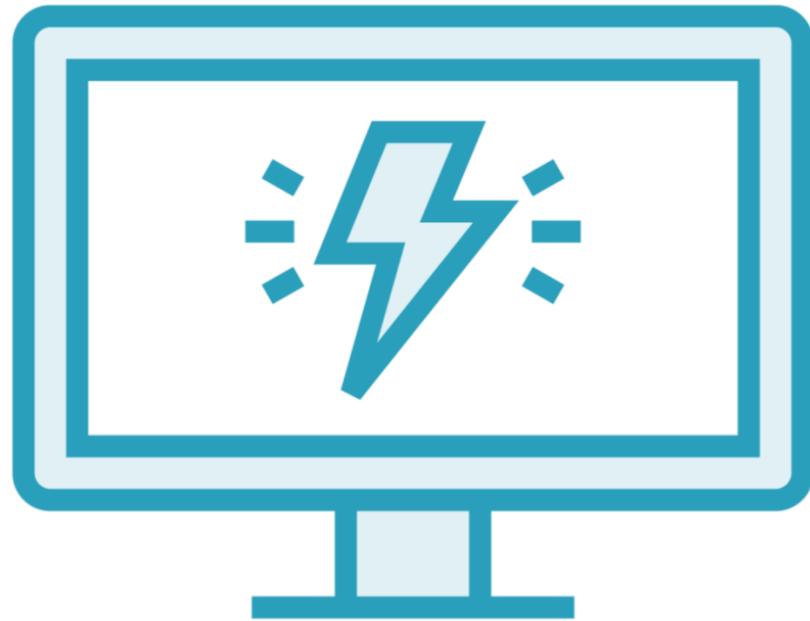
**Cloud Service categories i.e.,  
SaaS**

**Deployments Models i.e., Public**

**Cloud Building Blocks i.e.,  
Virtualization**

**Key Cloud Computing  
Characteristics – i.e., measured  
service**

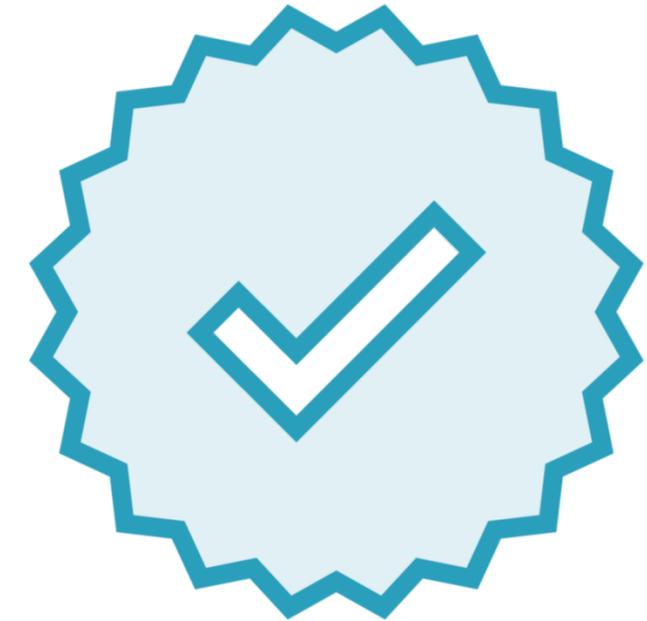
# Cloud Threats and Security



**Common threats**

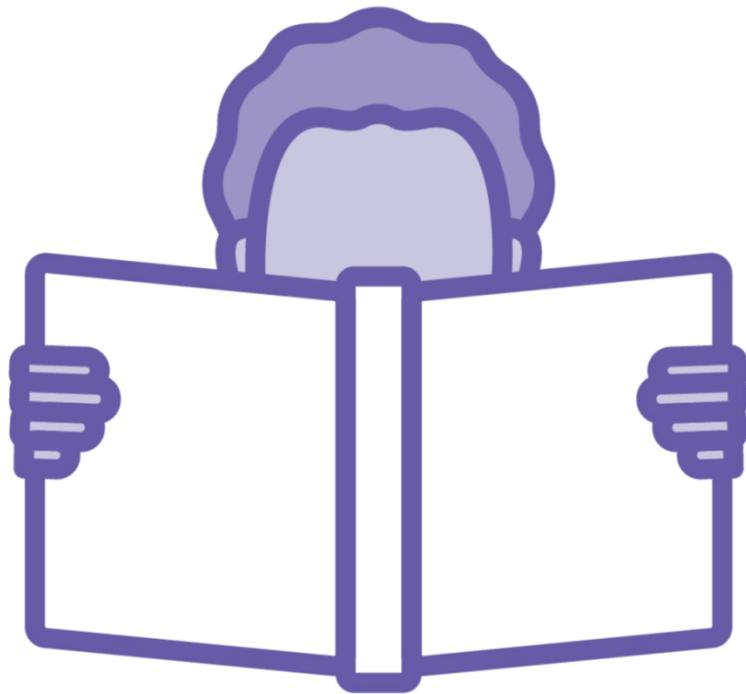


**Security hygiene**



**Evaluation criteria**

# Key Points



**Access control**

**Data protection**

**Business Continuity**

# 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 – Cloud Data Security**