

Cloud Concepts, Architecture, and Design

CCSP®

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

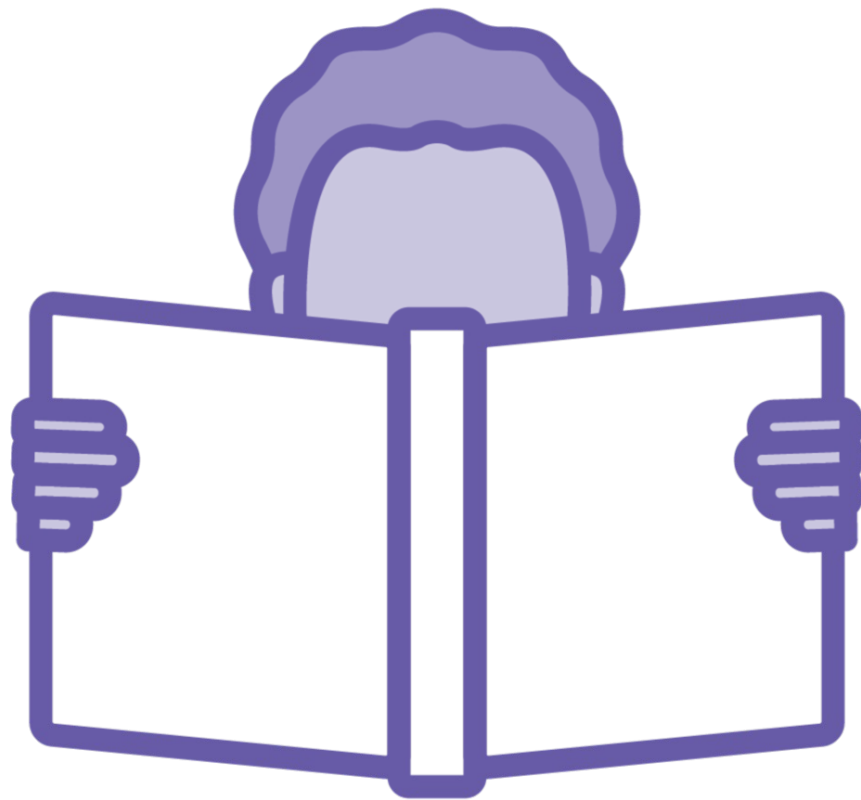


Security hygiene



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