

Cloud Data Security for CCSP®

Domain Summary



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Exam Content Outline

**Describe Cloud
Data Concepts**

**Design and
Implement Cloud
Data Storage
Architecture**

**Design and Apply
Data Security
Technologies and
Strategies**

**Implement Data
Discovery**

**Plan and Implement
Data Classification**

Exam Content Outline

**Design and
Implement
Information Rights
Management (IRM)**

**Plan and Implement
Data Retention,
Deletion, and
Archiving Policies**

**Design and
Implement
Auditability,
Traceability, and
Accountability of
Data Events**

Key Points



Data is one of the organization's most important assets – critical for business operations



The core principle behind data protection is data ownership



Data must be protected throughout the data lifecycle

Data Security Goals



Ensure the appropriate protection of data

- **Throughout the data lifecycle**

Establish data ownership

- **Accountability**

Cloud Data Security Concepts

Access Control

**Data Hiding – tokenization,
encryption, obfuscation**

**Information Rights Management
and DLP**

Data aggregation and inference

Data Threats and Security



Availability

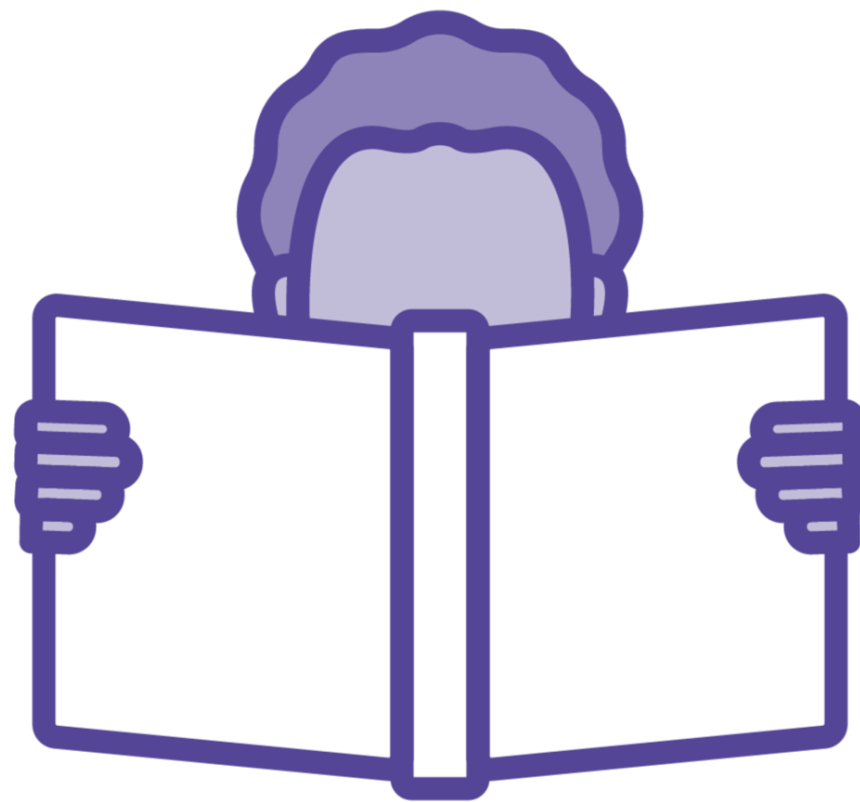


Handling



Integrity

Key Points



Contracts and SLAs are required to mandate data protection

Ownership of data remains with the cloud consumer

Data must be protected:

- **At all times**
- **In all forms**

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 Platform and Infrastructure Security