

A. Key features of Online CCSP Training (As per CCSP revision w.e.f. 1 Aug 2022)

- CCSP certification training is **aligned to the (ISC) ² CCSP CBK** which will help you ace the **exam in the first attempt.**
- 30 hours of instructor-led online training
- 5 Activity / Tutorial in Each of 6 domain
- Covers approx 400 conceptual questions
- Mock test (50 questions) at the end of the training
- Full Mock test (150 questions) after one month of the training
- More than 1100 presentation slides
- Covers important topics not covered in CCSP CBK/ All in One / Official study guide

B. CCSP CBK Domains

The CCSP examination domains and weights are:

Domains	Weight
1. Cloud Concepts, Architecture and Design	17%
2. Cloud Data Security	20%
3. Cloud Platform and Infrastructure Security	17%
4. Cloud Application Security	17%
5. Cloud Security Operations	16%
6. Legal, Risk and Compliance	13%
Total	100%

C. Training Content :

DOMAIN 1:

Cloud Concepts, Architecture and Design – Cloud computing concepts and definitions based on the ISO/IEC 17788 standard; security concepts and principles relevant to secure cloud computing.

Modules :

1. Understand Cloud Computing concepts
2. Describe Cloud Reference Architecture
3. Security concepts relevant to cloud computing
4. Understand Design principles for secure cloud computing
5. Evaluate cloud service providers

DOMAIN 2:

Cloud Data Security – Concepts, principles, structures, and standards used to design, implement, monitor, and secure, operating systems, equipment, networks, applications, and those controls used to enforce various levels of confidentiality, integrity, and availability in cloud environments.

Modules :

1. Cloud Data Concepts
2. Design & Implement Cloud data storage architecture
3. Design and apply Data Security Strategies
4. Implement Data Discovery
5. Plan & Implement Data Classification
6. Design & Implement Information Rights Management
7. Plan & Implement Retention , Deletion and Archiving Policies
8. Design & Implement Auditability , Traceability, and Accountability of Data Events

DOMAIN 3 :

Cloud Platform and Infrastructure Security – Knowledge of the cloud infrastructure components, both the physical and virtual, existing threats, and mitigating and developing plans to deal with those threats.

Modules :

1. Cloud Infrastructure Components
2. Design a Secure Data Center
3. Risk Associated to Cloud Infrastructure
4. Design and Plan Security Controls
5. Disaster Recovery and Business Continuity Management

DOMAIN 4 :

Cloud Application Security – Processes involved with cloud software assurance and validation; and the use of verified secure software.

Modules :

1. Training and Awareness in Application Security
2. Software Development Life Cycle (SDLC) Process
3. Apply the Secure Software Development Life Cycle
4. Use Verified Secure Software
5. Design Appropriate Identity and Access Management (IAM) Solutions
6. Cloud Application Architecture
7. Cloud Software Assurance and Validation

DOMAIN 5 :

Cloud Security Operations – Identifying critical information and the execution of selected measures that eliminate or reduce adversary exploitation of it; requirements of cloud architecture to running and managing that infrastructure; definition of controls over hardware, media, and the operators with access privileges as well as the auditing and monitoring are the mechanisms, tools and facilities.

Modules :

1. Implement and Build Physical & Logical Infrastructure for Cloud Environment
2. Operate Physical & Logical Infrastructure for Cloud Environment
3. Manage Physical & Logical Infrastructure for Cloud Environment
4. Implement Operational Controls and Standards (e.g., ITIL, ISO/IEC 20000-1)
5. Support Digital Forensics
6. Manage Communication with Relevant Parties
7. Manage Security Operations

DOMAIN 6

Legal , Risk and Compliance – Addresses ethical behavior and compliance with regulatory frameworks. Includes investigative measures and techniques, gathering evidence (e.g., Legal Controls, eDiscovery, and Forensics); privacy issues and audit process and methodologies; implications of cloud environments in relation to enterprise risk management.

Modules :

1. Legal Requirements and Unique Risk Within the Cloud Environment
2. Privacy Issues, Including Jurisdictional Variances
3. Audit Process, Methodologies, and Required Adaption for a Cloud Environment
4. Implications of Cloud to Enterprise Risk Management
5. Outsourcing and Cloud Contract Design

D.Training Schedule :

Day wise Schedule : Weekdays Batch 1 (15 days)

Day	Domain	Domain	Topics
1	1	Cloud Concepts, Architecture and Design	Understand Cloud Computing concepts
			Describe Cloud Reference Architecture
2	1	Cloud Concepts, Architecture and Design	Understand Security Concepts Relevant to Cloud Computing
3	1	Cloud Concepts, Architecture and Design	Understand and Design Principles of Secure Cloud Computing
			Evaluate cloud service providers

4	2	Cloud Data Security	Cloud Data Concepts
			Design & Implement Cloud data storage architecture Design and apply Data Security Strategies
5	2	Cloud Data Security	Implement Data Discovery
			Implement Data Discovery Classification
			Design & Implement Information Rights Management
6	2	Cloud Data Security	Plan & Implement Retention , Deletion and Archiving Policies
			Auditability , Traceability, and Accountability of Data Events
6	3	Cloud Platform and Infrastructure Security	Cloud Infrastructure Components
7	3	Cloud Platform and Infrastructure Security	Design a Secure Data Center
			Risk Associated to Cloud Infrastructure
8	3	Cloud Platform and Infrastructure Security	Design and Plan Security Controls
			Disaster Recovery and Business Continuity Management.
	4	Cloud Application Security	Training and Awareness in Application Security
			Software Development Life Cycle (SDLC) Process
9	4	Cloud Application Security	Apply the Secure Software Development Life Cycle
			Use Verified Secure Software
10	4	Cloud Application Security	Design Appropriate Identity and Access Management (IAM) Solutions
			Cloud Application Architecture
			Cloud Software Assurance and Validation
	5	Cloud Security Operations	Implement and Build Physical & Logical Infrastructure for Cloud Environment
11	5	Cloud Security Operations	Operate Physical & Logical Infrastructure for Cloud Environment
			Manage Physical & Logical Infrastructure for Cloud Environment
12	5	Cloud Security Operations	Implement Operational Controls and Standards
			Support Digital Forensics
			Manage Communication with Relevant Parties
			Manage Security Operations
13	6	Legal , Risk & Compliance	Legal Requirements and Unique Risk Within the Cloud Environment
			Privacy Issues, Including Jurisdictional Variances
14	6	Legal , Risk & Compliance	Audit Process, Methodologies, and Required Adaption for a Cloud Environment
			Implication of Cloud to Enterprise Risk Management
			Outsourcing and Cloud Contract Design
15		Mock Test (50 Questions) & Review	

Day wise Schedule : Weekend Batch (10 days)

Day	Domain	Domain	Topics
1	1	Cloud Concepts, Architecture and Design	Understand Cloud Computing concepts
			Describe Cloud Reference Architecture
2	1	Cloud Concepts, Architecture and Design	Understand Security Concepts Relevant to Cloud Computing
			Understand and Design Principles of Secure Cloud Computing
			Evaluate cloud service providers
3	2	Cloud Data Security	Cloud Data Concepts
			Design & Implement Cloud data storage architecture
			Design and apply Data Security Strategies
4	2	Cloud Data Security	Implement Data Discovery
			Implement Data Discovery Classification
			Design & Implement Information Rights Management
			Plan & Implement Retention , Deletion and Archiving Policies
			Auditability , Traceability, and Accountability of Data Events
	3	Cloud Platform and Infrastructure Security	Cloud Infrastructure Components
5	3	Cloud Platform and Infrastructure Security	Design a Secure Data Center
			Risk Associated to Cloud Infrastructure
			Design and Plan Security Controls
			Disaster Recovery and Business Continuity Management.
6	4	Cloud Application Security	Training and Awareness in Application Security
			Software Development Life Cycle (SDLC) Process
			Apply the Secure Software Development Life Cycle
			Use Verified Secure Software
			Design Appropriate Identity and Access Management (IAM) Solutions
7	4	Cloud Application Security	Cloud Application Architecture
			Cloud Software Assurance and Validation
	5	Cloud Security Operations	Implement and Build Physical & Logical Infrastructure for Cloud Environment
			Operate Physical & Logical Infrastructure for Cloud Environment
8	5	Cloud Security Operations	Manage Physical & Logical Infrastructure for Cloud Environment
			Implement Operational Controls and Standards
			Support Digital Forensics

			Manage Communication with Relevant Parties
			Manage Security Operations
9	6	Legal , Risk & Compliance	Legal Requirements and Unique Risk Within the Cloud Environment
			Privacy Issues, Including Jurisdictional Variances
			Audit Process, Methodologies, and Required Adaption for a Cloud Environment
10A	6	Legal , Risk & Compliance	Implication of Cloud to Enterprise Risk Management
			Outsourcing and Cloud Contract Design
10B		Mock Test (50 Questions) & Review	