1. Course Details:

Course Code : ISCS-007
Course Title :CCSP® - Certified Cloud Security Professional Certification Preparation
Course Duration : 5 Days

2. Course Overview:

- As powerful as cloud computing is for the organization, understanding its information security risks and mitigation strategies is critical. Legacy approaches are inadequate, and organizations need competent, experienced professionals equipped with the right cloud security knowledge and skills to be successful. They need CCSPs.
- The Cloud Security Alliance (CSA) and (ISC)², the CCSP credential denotes professionals with deep-seated knowledge and competency derived from hands-on experience with cyber, information, software and cloud computing infrastructure security. CCSPs help you achieve the highest standard for cloud security expertise and enable your organization to benefit from the power of cloud computing while keeping sensitive data secure.

3. Learning Outcomes:

For those who qualify, CCSP exam will test their competence in the six CCSP domains of the (ISC)² Common Body of Knowledge (CBK), which cover the following:

- Architectural Concepts
- Design Requirements
- Cloud Data Security
- Cloud Platform & Infrastructure Security
- Cloud Application Security
- Operations
- Legal & Compliance

4. Course Contents:

Domain 1: Architectural Concepts and Design Requirements

- Understand Cloud Computing Concepts
- Describe Cloud Reference Architecture
- Understand Security Concepts Relevant to Cloud Computing
- Understand Design Principles of Secure Cloud Computing and Identify Trusted Cloud Services

Domain 2: Cloud Data Security

- Understand Cloud Data Lifecycle
- Design Cloud Data Storage Architectures
- Implement Cloud Data Storage Architectures
- Design and Apply Data Security Strategies
- Understand and Implement Data Discovery and Classification Technologies
- Design and Implement Data Rights Management
- Plan and Implement Data Retention, Deletion, and Archiving Policies
- Design and Implement Auditability
- Traceability and Accountability of Data Events

Domain 3: Cloud Platform and Infrastructure Security

- Comprehend Cloud Infrastructure Components
- Analyze Risks Associated to Cloud Infrastructure
- Design and Plan Security Controls
- Plan Disaster Recovery
- Business Continuity Management

Domain 4: Cloud Application Security

- Recognize the need for Training and Awareness in Application Security
- Understand Cloud Software Assurance and Validation
- Use Verified Secure Software
- Comprehend the Software Development Lifecycle Process
- Apply the Secure Software Development Lifecycle
- Comprehend the Specifics of Cloud Application Architecture
- Design Appropriate Identity and Access Management Solutions

Domain 5: Operations

- Support the Planning Process for the Data Center Design
- Run Physical Infrastructure for Cloud Environment
- Manage Physical Infrastructure for Cloud Environment
- Build Logical Infrastructure for Cloud Environment
- Run Logical Infrastructure for Cloud Environment
- Conduct Risk Assessment to Logical and Physical Infrastructure
- Understand the Collection, Acquisition and Preservation of Digital Evidence
- Manage Communication with Relevant Parties

Domain 6: Legal and Compliance

- Understand Legal Requirements and Unique Risks within the Cloud Environment
- Understand Privacy Issues, Including Jurisdictional Variation
- Understand Audit Process, Methodologies, and Required Adaptations for a Cloud Environment
- Understand Implications of Cloud to Enterprise Risk Management
- Understand Outsourcing and Cloud Contract Design
- Execute Vendor Management

5. Our Methodology:

- Make coaching and monitoring innovative and using modern
- Media training also using on the go training by using interactive means and focusing on
- The exercises, practical applications and real situations study.
- Live delivery method, instructor-led training.
- Experienced consultant, trainers, and professional.
- Qualified trainer with high-level experience

6. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

7. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

8. Who Should Attend?

- Enterprise Architect
- Security Administrator
- Systems Engineer
- Security Architect
- Security Consultant
- Security Engineer
- Security Manager

- Systems Architect