TechyEdz Solutions
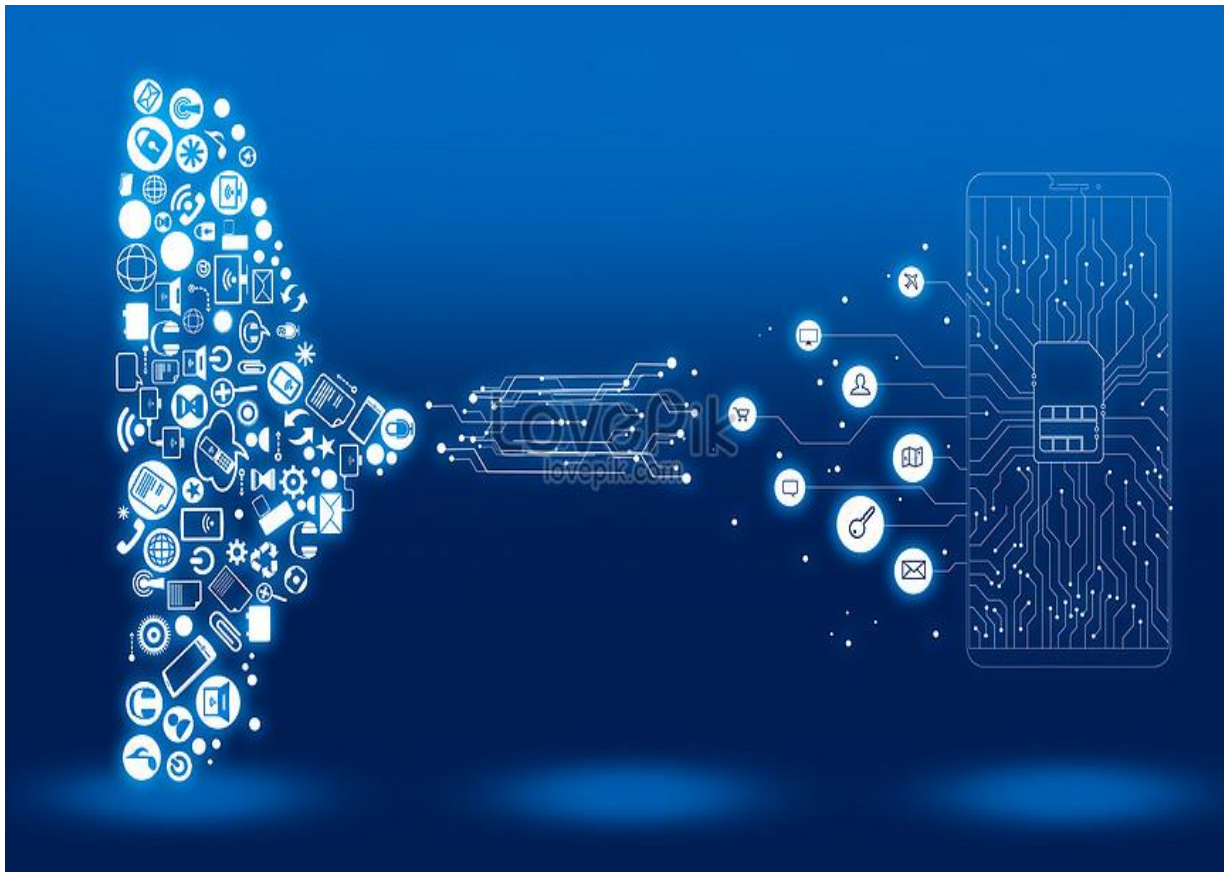
Training | Consulting | Developement | Outsourcing

Certified Information Systems Security Professional (CISSP)

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➕ Course Overview:

The CISSP Certification Training Course consists of overall 8 Domains which in turn gain knowledge in the Information Security Field along with a detailed knowledge of the current industry standards and best practices a Security Practitioner needs to implement in their respective organization to keep it in a secure way.

➕ Course Outline:

1: Security and Risk Management

- ➢ A Brief Introduction about Confidentiality, Integrity, and Availability.
- ➢ How to Apply Security Governance Principles?
- ➢ Compliance
- ➢ Legal and Regulatory issues related to Cyber Security.
- ➢ Understanding the difference between Security Policy, Standards, Procedures, and Guidelines.
- ➢ Understand the concept about Business Continuity Planning.
- ➢ Understand and Apply Risk Management Concepts
- ➢ Understand and Apply Threat Modeling
- ➢ Acquisition Strategy and Practice
- ➢ Security Awareness and Training.

2: Asset Security

- ➢ Classification of Assets
- ➢ Least Privilege and Need to Know bases Models.

- ➢ Privacy Protection.

- ➢ Data Retention Techniques and Security Controls associated with it.

- ➢ Secure Handling of Data.

3: Security Architecture and Engineering

- ➢ Security Design Principles

- ➢ Understanding Security Models

- ➢ How to Implement Controls and Countermeasures adhering to the Information Security Standards.

- ➢ Assess and Mitigate the Vulnerabilities of Security Architectures Designs, Web-based Systems, Mobile Systems, OT Systems.

- ➢ Understanding the Concepts and applying Cryptography.

- ➢ Implementation of Physical Security in various sites and data centers.

4: Communication and Network Security

- ➢ How to Securely design your Network Architecture?

- ➢ Securing Network Components with appropriate hardening standards.

- ➢ Secure Communication Channels

- ➢ Mitigate Network Attacks.

5: Identity and Access Management (IAM)

- ➢ Physical and Logical Access Control.

- ➢ Understanding about Identification, Authentication and Authorization

- ➢ Integrate Identity as a Service (IDaaS)

- ➢ Integrate Third-Party Identity Services

6: Security Assessment and Testing

- ➢ Design and Validate Assessment and Test Strategies.

➢ Conduct Security Control Testing.

➢ Collection of Security Process Data.

➢ Enhance Knowledge on how to conduct Internal and about Third-Party Audits.

7: Security Operations

➢ Day to Day Security Monitoring Methodologies.

➢ Perform Forensic Investigations and Root Cause Analysis.

➢ Preventive and Detective Controls.

➢ Physical and Personnel Security.

➢ Handling of Incident Response.

➢ Implement Vulnerability Management.

➢ Understanding the Change Management Processes.

➢ Disaster Recovery Strategies

8: Software Development Security

➢ Applying Security in the Software Development Life Cycle

➢ Enforce Security Controls and Secure Coding Techniques in the Development Environment.

➢ Database Security

➢ Through Assessment in Software Security.

✦ Prerequisites:

To apply for the CISSP Certification Training , you need to:

- Have a minimum 5 years of cumulative paid full-time work experience in two or more of the 8 domains of the (ISC)² CISSP Common Body of Knowledge (CBK)
- One-year experience waiver can be earned with a 4-year college degree, or regional equivalent or additional credential from the (ISC)² approved list

Who can Attend:

The CISSP course is recommended for the following profiles -

- Security Consultant
- Security Manager
- IT Director/Manager
- Security Auditor
- Security Architect
- Security Analyst
- Security Systems Engineer
- Chief Information Security Officer
- Director of Security
- Network Architect

Number Of Hours: 40hrs

Certification: CISSP

Key Features:

- ➢ One to One Training
- ➢ Online Training
- ➢ Fastrack & Normal Track
- ➢ Resume Modification
- ➢ Mock Interviews
- ➢ Video Tutorials
- ➢ Materials
- ➢ Real Time Projects
- ➢ Virtual Live Experience
- ➢ Preparing for Certification