

# ISSAP - Information Systems Security Architecture Professional

## Course Description and Overview

SecureNinja's CISSP-ISSAP training and certification 5-day boot camp in Washington, DC and San Diego, CA is a specialty of the CISSP where you will learn the competence of the six major domains of the Information Systems Security Architecture Professional (ISSAP) Concentration. This concentration is fundamentally the consultative and analytical process of information security.

### Topics Covered

- Understand the key concepts and requirements of information security within the framework of architecture and design
- Be able to demonstrate his or her knowledge of the six domains of the CISSP-ISSAP CBK through various scenarios and models
- Create a study plan to successfully pass the CISSP-ISSAP Examination

### The six major domains of the CBK covered by CISSP-ISSAP certification are:

- **Identity and Access Management Architecture**
  - Design Identity Management and Lifecycle
  - Design Access Control Management and Lifecycle
- **Security Operations Architecture**
  - Determine Security Operation Capability Requirements and Strategy
  - Design Continuous Security Monitoring
  - Design Continuity, Availability, and Recovery Solutions
  - Define Security Operations
  - Integrate Physical Security Controls
  - Design Incident Management Capabilities
  - Secure Communications and Networks
- **Infrastructure Security**
  - Determine Infrastructure Security Capability Requirements and Strategy
  - Design Layer 2/3 Architecture
  - Secure Common Services
  - Architect Detective, Deterrent, Preventative, and Control Systems
  - Architect Infrastructure Monitoring
  - Design Integrated Cryptographic Solutions
- **Architect for Governance, Compliance, and Risk Management**
  - Architect for Governance and Compliance
  - Design Threat and Risk Management Capabilities
  - Architect Security Solutions for Off-Site Data Use and Storage
  - Operating Environment
- **Security Architecture Modeling**
  - Identify Security Architecture Approach
  - Verify and Validate Design
- **Architect for Application Security**

- Review the Software Development Life Cycle
- Review Application Security
- Determine Application Security Capability Requirements and Strategy
- Design Application Cryptographic Solutions
- Evaluate Application Controls Against Existing Threats and Vulnerabilities
- Determine and Establish Application Security Approaches for all System Components

### **Who Would Benefit**

CISSPs looking to become an Information Systems Security Architecture Professional

### **Prerequisites**

CISSP certification

### **Required Exams**

CISSP-ISSAP Exam

### **Courseware**

SecureNinja Courseware

### **Course Length**

40 hours

### **Follow On Courses**

CISSP-ISSEP, CISSP-ISSMP