

# ISSAP - Information Systems Security Architecture Professional

## Course Description & Overview

SecureNinja's CISSP-ISSAP (Information Systems Security Architecture Professional) certification training is designed for CISSP-certified professionals seeking to deepen their knowledge of security architecture and gain a specialized credential that validates advanced expertise in designing and implementing security solutions. This training focuses on aligning security architecture with business strategy while addressing technical and operational requirements.

With a curriculum aligned to ISC2's latest ISSAP exam objectives, this course helps professionals expand their ability to develop, implement, and manage security architectures for enterprise-grade systems. SecureNinja's expert-led instruction simplifies advanced architecture frameworks and integrates real-world case examples to support exam success and job performance. This course also supports DoD 8140 compliance for security architecture-related roles in U.S. government and defense environments.

### Why Choose CISSP-ISSAP

- **Advanced Recognition:** A key concentration of the CISSP, the ISSAP highlights expertise in enterprise-level security architecture.
- **DoD 8140 Approved:** Qualifies for advanced architectural security roles in federal and defense sectors.
- **Career Growth:** Demonstrates capability to lead and design integrated security programs and infrastructure.
- **Global Certification:** Validated by ISC2 and recognized worldwide across multiple industries.

### Topics Covered

- **Security Architecture Modeling:** Developing and maintaining security models for complex systems.
- **Infrastructure Security:** Designing secure networks, systems, and communication channels.
- **Identity and Access Management (IAM):** Designing and managing enterprise IAM strategies.
- **Security Operations Architecture:** Creating resilient and auditable operational architectures.
- **Technology-Related Business Continuity:** Ensuring business resilience through secure architecture.
- **Requirements Analysis:** Translating business objectives and regulatory needs into technical solutions.

### Who is it for

- **Security Architects:** Professionals responsible for designing and integrating security

systems and frameworks.

- Systems Engineers: Those creating technical security blueprints and specifications.
- Enterprise Architects: Focusing on secure design across distributed systems and networks.

## Who Would Benefit

- CISSP Holders: Seeking an advanced concentration and specialization in security architecture.
- Government and Defense IT Leaders: Meeting DoD 8140/8570 compliance standards for architect roles.
- IT Consultants: Designing secure infrastructure across varied enterprise environments.

## Prerequisites

Candidates must be CISSP-certified in good standing and have a minimum of two years of cumulative paid work experience in one or more of the CISSP-ISSAP domains.

## Course Outline

### 1. Architect for Governance, Compliance, and Risk Management

- Understand legal, regulatory, and policy requirements for architecture design.
- Integrate compliance frameworks into architectural decisions.

### 2. Security Architecture Modeling

- Apply frameworks like SABSA, TOGAF, and Zachman to model secure systems.
- Translate business requirements into secure system designs.

### 3. Infrastructure Security Architecture

- Design secure networks, endpoints, and communication systems.
- Address perimeter, internal, and remote access controls.

### 4. Identity and Access Management Architecture

- Design federated identity systems and access controls.
- Implement robust authentication and authorization mechanisms.

### 5. Architect for Application Security

- Integrate security into the software development life cycle (SDLC).
- Apply secure coding practices and perform threat modeling.

### 6. Architect for Security Operations

- Design monitoring, detection, and incident response capabilities.
- Build scalable and resilient architectures supporting security operations.

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## Course Length

- 4 Days
- 32 Hours

## Exam Details

- Certification: CISSP-ISSAP (Information Systems Security Architecture Professional)
- Exam Format: Multiple choice
- Number of Questions: 125
- Duration: 3 hours
- Passing Score: 700 out of 1000

The CISSP-ISSAP certification demonstrates proven expertise in security architecture design and enterprise integration. SecureNinja's training ensures candidates are fully prepared to meet the rigorous demands of the ISSAP exam while contributing to strategic cybersecurity initiatives across enterprise and federal environments.