

Securing Industrial IoT Networks with Cisco Technologies - On Demand (ISECIN 1.0)

Modality: On Demand

Duration: 40 Hours

CLC: 15 Units

About the course:

Anyone who is interested in Cisco technologies and its products, this e-learning course is for you. Securing Industrial IoT Networks with Cisco Technologies course designed to offer fundamental knowledge and skills for Cisco certification examination. This engaging self-study course provides access to lab exercises to practice troubleshooting on Cisco Platforms.

Course Outline:

- **Lesson 1: Describing Converged Enterprise and Industrial IoT Networks, Architectures, and Frameworks**
- **Lesson 2: Describing Industrial IoT Network Security Requirements**
- **Lesson 3: Describing Protocols Used in Converged Enterprise and Industrial IoT Networks**
- **Lesson 4: Analyzing IoT Vulnerabilities**
- **Lesson 5: Exploiting Vulnerabilities in Industrial IoT Networks**
- **Lesson 6: Describing the Process of Securing Industrial IoT Networks**
- **Lesson 7: Hardening Devices in Industrial IoT Networks**
- **Lesson 8: Implementing Network Infrastructure Security in Industrial IoT Networks**
- **Lesson 9: Describing the Characteristics of Cisco NGFWs in Industrial IoT Networks**
- **Lesson 10: Securing Communications in Industrial IoT Networks Using Basic Cisco NGFW and Cisco NGIPS Features**
- **Lesson 11: Implementing Advanced Security Features on NGFW and NGIPS in Industrial IoT Networks**
- **Lesson 12: Using the Cisco TrustSec Solution in Industrial IoT Networks**
- **Lesson 13: Implementing VPN Solutions in Industrial IoT Networks**
- **Lesson 14: Describing the Industrial IoT Network Framework and Regulations**
- **Lesson 15: Bonus Content: Describing Physical Security in Industrial IoT Networks**
- **Lesson 16: Bonus Content: Monitoring Industrial IoT Networks**