

TOC: Cisco CyberVision Deployment and Operation

Lesson 1: Industrial Internet of Things Security Threats

- Describe security threats and potential impacts on the network
- Understand the security challenges faced by the IIoT staff on a daily basis
- Explain why Cisco Validated Designs lead to a more secure infrastructure
- Describe security threats in the Extended Enterprise network

Lesson 2: Introducing Cyber Vision

- Cybersecurity overview in IIoT deployments
- Cyber Vision overview
- Cyber Vision solution components
- Cyber Vision installation procedure

Lesson 3: Cyber Vision Concepts

- Preset
- Filters
- Component
- Activity
- Flow
- Time span
- Tags
- Properties
- Vulnerabilities
- Events
- Credentials
- Variable accesses

Lesson 4: Cyber Vision GUI Exploration

- General Dashboard
- Preset Views
- Panels
- Reports
- Events
- Monitor
- Search
- Admin
- Systems Statistics
- My Settings

Lesson 5: Cyber Vision Operation

- Using General Dashboard
- Explore Preset Views and Panels
- Examine and generate Reporting features
- Working with Events, Alerts and Audits.
- Using Monitor Mode and its Views
- Describing and Exploring Monitor Mode Differences
- Creating Baselines from default preset and from groups
- Defining with Weekend Baselines
- Enabling and using Baselines
- Cyber Vision Use Cases
- Administering Cyber Vision System and Data Management
- Cyber Vision Center and Sensors general administration
- Administering Users
- Administering Events
- Administering Licensing
- Working with RBAC and LDAP Settings
- Exploring and using Cyber Vision API
- Cyber Vision Context Information Exchange with pxGrid
- IDS functionality with SNORT
- Cyber Vision Integrations and Extensions
- Working with My Settings