Implementing Cisco Edge Network Security Solutions (SENSS)

Description
Implementing Cisco Edge Network Security Solutions (SENSS) v1.0 is a newly created five-day instructor-led training (vILT) course is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP® Security) certification. Additionally, it is designed to prepare security engineers with the knowledge and hands-on experience to prepare them to configure Cisco perimeter edge security solutions utilizing Cisco Switches, Cisco Routers, and Cisco Adaptive Security Appliance (ASA) Firewalls.

Course Outline

Cisco Secure Design Principles
- Network Security Zoning
- Cisco Module Network Architecture
- Cisco SecureX Architecture
- Cisco TrustSec Solutions

Implement Network Infrastructure Protection
- Introducing Cisco Network Infrastructure Architecture
- Deploying Cisco IOS Control Plane Security Controls
- Deploying Cisco IOS Management Plane Security Controls
- Deploying Cisco ASA Management Plane Security Controls
- Deploying Cisco Traffic Telemetry Methods
- Deploying Cisco IOS Layer 2 Data Plane Security Controls
- Deploying Cisco IOS Layer 3 Data Plane Security Controls

Deploying NAT on Cisco IOS and Cisco Adaptive Security Appliance (ASA)
- Introducing Network Address Translation
- Deploying Cisco ASA Network Address Translation
- Deploying Cisco IOS Software Network Address Translation

Deploying Threat Controls on Cisco ASA
- Introducing Cisco Threat Controls
- Deploying Cisco ASA Basic Access Controls
- Deploying Cisco ASA Application Inspection Policies
- Deploying Cisco ASA Botnet Traffic Filtering
- Deploying Cisco ASA Identity Based Firewall

Deploying Threat Controls on Cisco IOS Software
- Deploying Cisco IOS Software with Basic Zone-Based Firewall Policies
- Deploying Cisco IOS Software Zone-Based Firewall with Application Inspection Policies