

COURSE **Securing Networks with Cisco Routers and Switches (SNRS) v2.0**

CODE **TRN-SNRS**

DURATION 5 days

COURSE

Securing Networks with Cisco Routers and Switches [SNRS] is part of the curriculum path leading to the Cisco Certified Security Professional (CCSP) certification. It is a five-day instructor-led course aimed at providing network specialists with the knowledge and skills needed to secure Cisco IOS router and switch networks. It has been updated for Cisco IOS Release 12.4(6)T.

COURSE OBJECTIVES

After completing this course the student should be able to:

- Secure a network using existing Cisco IOS security including Trust and Identity with Identity Based Networking Service; Network Foundation Protection including securing the Control, Management and Data Plane.
- Invoke Secured Connectivity with IPsec and VPNs, and implement Adaptive Threat Defense by configuring Cisco Classic and Zone-Based Firewalls and Cisco IOS IPS.

COURSE OUTLINE

There are 5 modules in SNRS v1.0 covering topics that include:

Module 1 Layer 2 Security

Module 2 Trust and Identity

Module 3 Cisco Network Foundation Protection

[Module 4 Secured Connectivity](#)

[Module 5 Adaptive Threat Defense](#)

WHO SHOULD ATTEND

- Employee
- Channel Partner / Reseller
- Customer

PREREQUISITES

- Experience in configuring Cisco IOS software and have met the following prerequisites:
- Certification as a CCNA or the equivalent knowledge / SND.
- Basic knowledge of the Windows operating system
Familiarity with the networking and security terms and concepts (the concepts are learned in prerequisite training or by reading industry publications)