

First Time in This Course



Welcome to the CCNA Security: Implementing Network Security course. The course provides an introduction to the core security concepts and skills needed for the installation, troubleshooting, and monitoring of network devices to maintain the integrity, confidentiality, and availability of data and devices.

These course materials will assist you in developing the skills necessary to do the following:

- Describe the security threats facing modern network infrastructures
- Secure Cisco routers
- Implement AAA on Cisco routers using a local router database and external ACS
- Mitigate threats to Cisco routers and networks using ACLs
- Implement secure network design, management, and reporting
- Mitigate common Layer 2 attacks
- Implement the Cisco IOS firewall feature set
- Implement the Cisco IOS IPS feature set
- Implement a site-to-site VPN
- Implement a remote access VPN

Content and quizzes can be accessed through the [Modules \(https://1304927.netacad.com/courses/220365/modules\)](https://1304927.netacad.com/courses/220365/modules) section of the course.