



Introduction to Network Security

Length	Nanomodule
Collection	Cyber Heroes
Updated	November 23, 2021
Contributors	Deep Ramanayake
Academic Levels	Undergraduate
Topics	
Link	https://clark.center/details/deeepraji/4927618e-8d10-469b-bb22-c28a392490b5

Description

Module 1 is an overview of the course; We will discuss some of the basic networking concepts and provide an overview of the network infrastructure we are going to build. The Module will also introduce you to some security-related terms used by networking professionals and threat modeling.

Notes

The learning object features a video tutorial with closed captioning. Please use the links in the 'URLs' tab to view it.

Outcomes

- Identify common vulnerabilities to networks
- Apply basic security terminology
- Adapt the best approach to network security when designing a secure network

Alignment

The standards and guidelines this learning object is mapped to

- CAE Cyber Defense (2019) - Cybersecurity Principles (KU1): Define the principles of cybersecurity.
- CAE Cyber Defense (2014) - Network Security Administration: Students will be able to securely configure network devices and services and establish secure communications between networks.

Links

External links that are associated with this learning object

- [Cybersecurity and Infrastructure Security Agency](#)
- [Microsoft Security Advisor](#)
- [SANS Glossary of Security Terms](#)
- [Mod1 Introduction to Network Security](#)