Firewall and Intrusion Prevention System
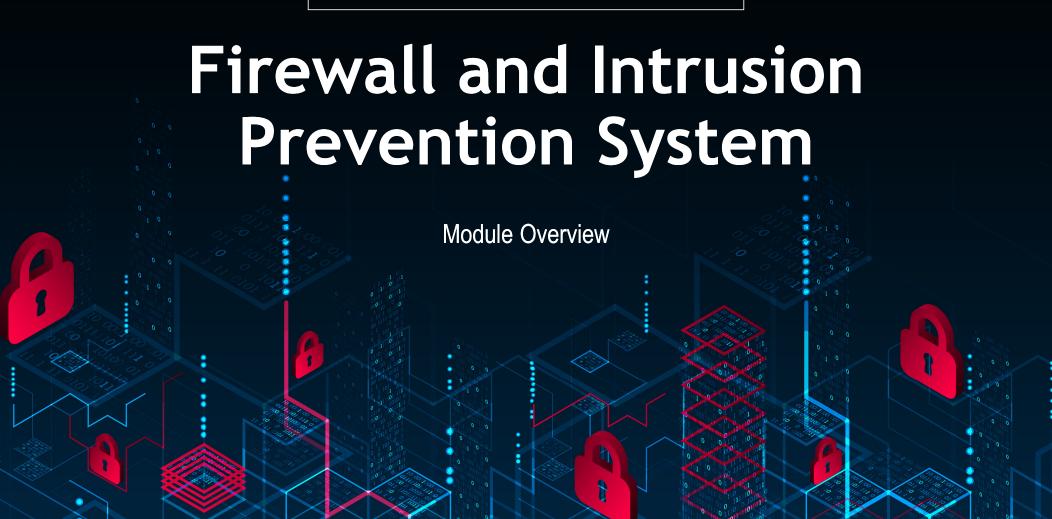
Module Overview

Module Objectives:

- Firewall and Intrusion Prevention System
- By the end of this module you will be able to:

  ✓ Identify network-specific threats and attack types

  ✓ Identify the function of a firewall, and how it keeps a computer secure and safe from malicious users.

  ✓ Apply firewall rules to virtual nodes/networks using GENI platform

  ✓ Define intrusion prevention system

Firewall and Intrusion Prevention System

Introduction to Firewalls

Packet Filtering Firewall

Stateful Packet Inspection Firewall

Other Types of Firewalls

Firewalls with iptables

Intrusion Prevention Systems