

# Introduction

8.0.1

## Why should I take this module?



# Welcome to VPN and IPsec Concepts!

Have you, or someone you know, ever been hacked while using public WiFi? It's surprisingly easy to do. But there is a solution to this problem: Virtual Private Networks (VPNs) and the additional protection of IP Security (IPsec). VPNs are commonly used by remote workers around the globe. There are also personal VPNs that you can use when you are on public WiFi. In fact, there are many different kinds of VPNs using IPsec to protect and authenticate IP packets between their source and destination. Want to know more? Click Next!

8.0.2

## What will I learn in this module?



**Module Title:** VPN and IPsec Concepts

**Module Objective:** Explain how VPNs and IPsec are used to secure site-to-site and remote access connectivity.

| Topic Title    | Topic Objective  |
|----------------|--|
| VPN Technology | Describe benefits of VPN technology.                               |
| Types of VPNs  | Describe different types of VPNs.                                  |
| IPsec          | Explain how the IPsec framework is used to secure network traffic. |