

Learning Guide Unit 1

Reading Assignment

As you read through the learning resource consider the following:

- *What are the impacts of security breaches and how can they be prevented?*
 - *What is the role of network protocols in ensuring network security?*
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For readings that need LIRN Access:

- Log into the UoPeople library and go to LIRN. Click on [Access to Library and Information Resource Network](#), go to Education and click on EBook Central. Search for the complete name of the book.
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Read

1. kmbh. (2021, November 24). [Types of network protocols and their uses](#). GeeksforGeeks. Retrieved December 15, 2022.

- Read this article on the types of network protocols and their uses.

2. Sadiqui, A. (2020). Fundamentals of Network Security. In *Computer network security* (pp. 1-15). John Wiley & Sons.

- Access through LIRN.
- Read pages 1-15 in Chapter 1: Fundamentals of Network Security.

3. [What is a network protocol, and how does it work?](#) (n.d.). Comptia.

- Read this article for an overview of network protocols.

Video

1. NetworkTutor. (2022, October 1). *Wireshark - Beginners guide - 101 | How to install and capture packets | How to filter ICMP | TCP* [Video]. YouTube. <https://www.youtube.com/watch?v=Ud0QK0TPu4U>

- This video gives a general guide on installing Wireshark and introduces the basic Wireshark environment and interfaces.