

Learning Guide Unit 2

Reading Assignment

As you read through the learning resource consider the following:

- *What is the Wireshark user interface and how is it used for capturing and analyzing data packets?*
- *What are virtual private networks (VPNs), and what are their benefits and risks?*
- *What is software-defined networking (SDN), and how does it differ from traditional networking approaches?*

Read

1. Angelo, R. (2019). [Secure protocols and virtual private networks: An evaluation](#). *Issues in Information Systems*, 20(3), 37-46.
 - Read this journal article for a detailed overview of VPNs.
2. [How to perform a ping test in windows, mac OS, and linux](#). (2020, August 9). ChemiCloud.
 - Read this article to know how to do a ping test.
3. Jadhav, R. R., & Sheth, P. S. (2021). [VPN: Overview and security risks](#). *International Journal of Advanced Research in Science, Communication and Technology*, 7(1), 305-309.
 - Read this journal article to learn about the risks associated with using virtual private networks.
4. Sharpe, R., Ed Warnicke ., & Lamping, U. (n.d.). [Wireshark user's guide version 4.1.0](#). Wireshark.
 - Read Chapter 3: User Interface, to get acquainted with the Wireshark user interface, including capturing, viewing, and filtering captured data packets.
5. Swyx. (2020a, February 23). [Networking essentials: Software defined networking](#). DEV.
 - Read this document for an overview on SDN.
6. Swyx. (2020b, February 23). [Networking essentials: Traffic engineering](#). DEV.
 - Read this document for an overview on traffic engineering.