

# Lesson 1.5.1 - Network Interface Management

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

1. Explain the purpose of the ip command in the iproute2 utility.
2. Describe the functionality of the ss command in the iproute2 utility and mention some aspects of network connections it can display.
3. Briefly explain the role of the Network Manager tool and mention its command-line interface counterpart.

4. What are net-tools, and how do they compare to iproute2 and Network Manager?
5. Explain the purpose of the ifcfg command, and what settings can be configured using it?
6. Describe the role of the hostname command in Linux and its significance within a network.
7. What is the purpose of the arp command, and what does it manipulate?

8. Explain the significance of the directory `/etc/sysconfig/network-scripts/` in Linux and its role in storing network configurations.
9. How does network interface management contribute to the overall management of a Linux system?