

# Network Principles

Class: COSC 2670

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## Definitions

IP Address	A 32-bit (IPv4) number used to identify a device on a network.	<code>traceroute</code>	Traces the path packets take to a destination.
DNS	Domain Name System, translates domain names to IP addresses	<code>nslookup</code>	Returns IP address information for a domain name.

## Linux Networking Commands

<code>ifconfig</code>	Displays or configures network interfaces.
<code>ping</code>	Returns packet loss.