Cybersecurity Vocabulary List

Term	Elementary Definition	Secondary Definition
Cybersecurity	Keeping computers and information safe from harm.	The protection of internet-connected systems and data from cyberattacks.
Firewall	A digital wall that keeps bad stuff out of your computer.	A security system that monitors and controls incoming and outgoing network traffic.
Malware	Bad software that can harm your computer.	Software designed to disrupt or damage a computer system.
Phishing	A trick to steal your information, like a fake email.	A fraudulent attempt to obtain sensitive information by disguising it as a trustworthy entity.
Encryption	Scrambling data so only the right person can read it.	The process of converting data into a code to prevent unauthorized access.
Password	A secret word to log into a device or website.	A string of characters used to verify a user's identity.
Hacker	Someone who breaks into computers.	A person who uses computers to gain unauthorized access to data.
Network	A group of connected computers.	A digital telecommunications network which allows nodes to share resources.
Virus	A program that can make your computer sick.	A type of malicious software that replicates and spreads.
Two-Factor Authentication	A second step to prove it's you logging in.	A security process where a user provides two different authentication factors.
Antivirus	A tool that protects your computer from bad programs.	Software that detects and removes computer viruses.
Data Breach	When secret information is stolen.	An incident in which sensitive, protected data is accessed or disclosed without authorization.
Cloud Computing	Using the internet to save and access files.	Delivery of different services through the Internet.

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IP Address	A number that identifies your device online.	A unique string of numbers separated by periods that identifies each computer.
Software Update	New features or fixes for your computer programs.	An improvement to software that fixes bugs or adds new features.