# Cyber Security

# History of Cyber Security

# Cyber Security is the practice of Protecting computers, mobile devices, Servers, electronic Systems, networks, and data from malicious attacks. It is also known as Information Security (INFOSEC) or Information Assurance (IA), System Security. The first cyber malware virus developed was pure of innocent mistakes. But cyber security has evolved rapidly because of the impeccable increase in the cybercrime law field on the Web. In this article, we will see the history of cyber security.

## **The Different Types of Cyber security**

## **1. Network Securit.**

## **2. Cloud Security**

## **3. Endpoint Security**

## **4. Mobile Security**

## **5. IoT Security**

## **6. Application Security**

## **7. Zero Trust**

**Purpose of cyber security**

The main purpose of cyber security is to protect all organizational assets from both external and internal threats as well as disruptions caused due to natural disasters.

Importance of Cyber Security

[Cyber security](https://www.upguard.com/glossary/cybersecurity) is important because it protects all categories of data from theft and damage. This includes sensitive data, [personally identifiable information (PII)](https://www.upguard.com/blog/personally-identifiable-information-pii), protected health information (PHI), personal information, intellectual property, data, and governmental and industry information systems. Without a cyber security program, your organization cannot defend itself against data breach campaigns, which makes it an irresistible target for cybercriminals

**HACKERS**

**Who are they?**

A hacker is **an individual who uses computer, networking or other skills to overcome a technical problem**. The term also may refer to anyone who uses their abilities to gain unauthorized access to systems or networks in order to commit crimes.

**LAB CYCLE**

Protecting your computer devices

* Turn the firewall on

Steps to turn firewall on

S1. Click start menu

S2. Go to setting

S3. Select Network profile

S4. Check for Domain network , Private network, public network

S5. Under Microsoft Defender Firewall, switch the setting to On.

* Install antivirus and antispyware

Steps to install antivirus