

# CYBERSECURITY



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## What is cybersecurity?

Cybersecurity is the practice of protecting digital devices, networks, and sensitive information from unauthorized access, theft, and damage. It involves a range of technologies and practices, including firewalls, antivirus software, encryption, secure passwords, and employee training.



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## Why is cybersecurity important?

Cybersecurity is important because it helps to protect against a range of threats, including theft of sensitive information, fraud, cyber attacks, and malware. These threats can have serious consequences, including financial losses, reputation damage, and legal liabilities.

## What are the main threats to cybersecurity?

There are many threats to cybersecurity, including malware (such as viruses and ransomware), phishing attacks, social engineering, and cyber attacks. These threats can come from a range of sources, including hackers, cyber criminals, and nation-state actors.



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## How can you protect yourself and your organization?

Protecting yourself and your organization from cybersecurity threats involves a range of practices, including using strong passwords, keeping software up to date, encrypting sensitive data, limiting access to sensitive information, and training employees to recognize and respond to cybersecurity threats.

## What should you do if you suspect a cybersecurity breach?

If you suspect a cybersecurity breach, it's important to act quickly. This may involve disconnecting from the internet, contacting your IT department or cybersecurity provider, and reporting the incident to the appropriate authorities. It's also important to have a plan in place ahead of time for responding to cybersecurity incidents.

### **NOTE:**

Cybersecurity is an ongoing process, and it requires ongoing attention and investment. By staying informed and taking appropriate measures to protect your digital devices, networks, and sensitive information, you can help to reduce the risk of cybersecurity threats.



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