

Cybersecurity Basics

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01

What is it?

What does cybersecurity basics entail?

What is Cybersecurity Basics?

Cybersecurity is an essential for ensuring to protect an individual's or organization's digital systems, networks, and data from cyber threats and attacks.

Some elements included in Cybersecurity Basics:

- Confidentiality
 - Ensure sensitive information is only accessed by authorized members .
 - Confidentiality include encryption, access controls, and secure passwords.
- +
 - Types of Attacks:
 - Malware
 - Phishing
 - Ransomware
 - Denial of Service (DoS)





02

What does it do?

What does cybersecurity basics do?

What does cybersecurity basics do?

- Protects systems and data
 - Prevents cyber threats
 - Builds compliance and trust
 - Strengthens responses to incidents
- +





03

Why is it important?

Why is cybersecurity basics important in the development of the cybersecurity track?

Why is it Important in the Development of the Cybersecurity Track?

- Provides foundations essential for more advanced paths and topics in cybersecurity
- Important for preventing threats
- + ■ It's universally applicable
- Important for building a security mindset





04

Learning Resources

What is a good resource for students to learn about cybersecurity?

What is a Good Resource Students can Use?

- Cybrary
- Khan Academy
- TryHackMe
- + ■ Hack The Box

