



Cybersecurity Awareness Training

Course description

This course introduces the evolution and basic concepts of network security, common network threats, and major protection methods and systems, helping trainees build a basic understanding of network security. It also explains the profound in simple terms and introduces the security technologies, cryptography and PKI, identity and access management technologies, and security detection and response technologies of the network architecture.

Also This course explores the foundational concepts of cybersecurity within cellular, outlining key concepts and areas of concern.

What you will learn :

After completing this course, you will be able to:

- Be familiar with basic knowledge of security technologies related to network architecture.
- Be familiar with basic knowledge of security technologies related to communication security.
- Be familiar with basic knowledge of security technologies related to identity authentication and access control.
- Be familiar with the basic knowledge of security technologies related to network detection and response.
- Have general knowledge of cyber security evolution and some basic concepts in the cyber security domain.
- Understand and be familiar with common network threats, that is, various attack methods and forms
- Understand cyber security defense knowledge and different protection methods and tools for individuals or enterprises.
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Content of the Training

1) Cyber Security Evolution and Basic Concepts

2) Most Common Network Threats

3) Main Means of Protection

4) Network Architecture and Security

5) Cryptography and PKI

6) Identity and Access Management (IAM) Technology

7) Security Detection and Response Technology

8) Cyber Vulnerability Progression 3G-5G

9) Security Audits and Compliance Considerations:

1. Penetration Testing.
2. Staff Training and Awareness.
3. Security Standards.

10) 10) Threat Intelligence and Incident Response:

4. Threat Intelligence.
5. Incident Response Planning.