

# Cybersecurity and Zero Trust Training

This is a two-day course that provides a comprehensive understanding of cybersecurity, focusing on the complexities of the cybersecurity landscape, cryptography, and the influence of users, devices, and applications on the security perimeter. The course also introduces the Zero Trust framework as a strategy to enhance cybersecurity.



This course introduces the fundamentals of cybersecurity and the principles of a Zero Trust strategy. In the first module, participants are introduced to the basics of cybersecurity, gaining an understanding of the overall landscape, the role of encryption, the importance of user verification and access control, and the necessity of network and data protection. The module also emphasizes that every device can be a potential attack vector and discusses the vulnerabilities that can exist within applications.

The second module of the course focuses on the concept of a Zero Trust framework, a strategy that can help mitigate cyberattacks and safeguard an organization's assets. This part of the course covers the five core pillars of Zero Trust: identity, endpoints, applications, networks, and data. Students will learn how a Zero Trust strategy can be used to verify a user's identity, manage endpoints, control application behavior, protect networks, and secure data. By the end of this module, participants will have a comprehensive understanding of the benefits of a Zero Trust strategy, its role in user identity verification and access management, endpoint protection, application behavior control, network protection, and data security.

## **Audience Profile:**

This course is suitable for IT staff within an organization and anyone else who interacts with IT systems and company or personal data.

## **Here are the learning paths in this series:**

### Module 1: Fundamentals of cybersecurity

This module provides a basic introduction to cybersecurity. It will give the student an awareness of the cybersecurity landscape, how encryption works and helps us in our day-to-day lives and draws attention to different attack vectors that cybercriminals can exploit to gain access to your data.

### Lessons

- An overview of cybersecurity
- Encryption and its uses in cybersecurity
- Verify your users and control their access
- Protect your network and data
- Every device is an attack vector
- Application vulnerabilities

### Module 2: Fundamentals of a Zero Trust strategy

This module provides an introduction to the concepts of the Zero Trust framework which when applied to your current digital estate can help reduce cyberattacks and protect your organization's assets. It'll cover the five core pillars of Zero Trust: identity, endpoints, applications, networks, and data.

### Lessons

- What is a Zero Trust strategy
- Identity and manage your users with Zero Trust
- Manage endpoints with Zero Trust
- Control application behavior with Zero Trust
- Protect your networks using Zero Trust
- Secure your data with Zero Trust

## COST

Course Duration	2 day
Training Fees	<del>₦</del> 300,000

### OUR CONTACT

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