# €TRAINING

## Windows Server Installation and Configuration

2 - 6 December 2024
Kuala Lumpur (Malaysia)

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## Introduction:

Windows Server is a powerful operating system designed for managing and hosting network services and applications in a corporate environment. This course, "Windows Server Installation and Configuration," is aimed at providing participants with essential skills and knowledge to install, configure, and manage Windows Server effectively. Through hands-on exercises and real-world scenarios, participants will gain the expertise needed to deploy and maintain Windows Server environments efficiently.

## Course Objectives:

Upon completing this course, participants will be able to:

- Install and configure Windows Server operating systems.
- Understand and manage Active Directory services and components.
- Implement network services, such as DHCP and DNS.
- Secure Windows Server environments and data.
- Troubleshoot common Windows Server issues and errors.

## Target Audience:

This course is ideal for IT professionals, system administrators, network administrators, and anyone interested in gaining expertise in Windows Server installation and configuration. Participants should have basic knowledge of networking concepts and familiarity with Windows operating systems.

## Course Outline:

### Unit 1: Introduction to Windows Server

- Overview of Windows Server operating systems
- Windows Server Editions and Licensing
- Installation requirements and options
- Using Windows Server Core

### Unit 2: Active Directory Services and Components

- Introduction to Active Directory AD
- Installing and configuring Active Directory Domain Services AD DS
- Managing AD objects users, groups, and computers
- Group Policy management

### Unit 3: Network Services

- Implementing DHCP Dynamic Host Configuration Protocol
- Configuring DNS Domain Name System
- Managing and troubleshooting network services

## Unit 4: Security and Access Control

- Windows Server security concepts
- Configuring Windows Firewall
- Implementing user authentication and authorization
- Securing data with BitLocker

## Unit 5: Troubleshooting and Maintenance

- Troubleshooting Windows Server startup issues
- Monitoring and optimizing server performance
- Managing updates and patches
- Backup and recovery strategies