



WINDOWS SERVER 2022 ADMINISTRATION HANDS-ON TRAINING

Course Description

Our Windows Server 2022 Administration course is designed to provide participants with comprehensive knowledge and practical skills in managing and administering Windows Server 2022 environments. Whether you're an IT professional looking to upgrade your skills or a newcomer to server administration, this course will equip you with the essential tools and techniques needed to effectively manage and maintain Windows Server 2022 infrastructure. Throughout the course, participants will engage in hands-on labs and practical exercises to reinforce their learning and gain real-world experience in Windows Server 2022 administration. By the end of the course, participants will have the skills and confidence to effectively manage and maintain Windows Server 2022 environments in various organizational settings.

A Comprehensive two
(2) day hands-on
training for Network
Administrators and
Server Engineers!

Conducted by one of
best MicrosoftTrainer in
the Philippines!

Full packed with essential
network administration
topics, including Hyper-
V and, SAN, and Azure!

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Course Objectives:

Upon completion of this training, participants will be able to:

- ✓ **Understanding Windows Server 2022 Features and Architecture:** Gain a comprehensive understanding of the features, enhancements, and architecture of Windows Server 2022, including its role in modern IT environments.
- ✓ **Deploying and Configuring Windows Server 2022:** Learn how to install, configure, and customize Windows Server 2022 to meet specific organizational requirements, ensuring optimal performance and security.
- ✓ **Managing Active Directory Domain Services (AD DS):** Acquire the skills to deploy, manage, and troubleshoot Active Directory Domain Services (AD DS), including user and group management, Group Policy implementation, and directory replication.
- ✓ **Configuring DHCP and DNS Services:** Learn to deploy, configure, and manage Dynamic Host Configuration Protocol (DHCP) and Domain Name System (DNS) services on Windows Server 2022, ensuring efficient network configuration and name resolution.
- ✓ **Administering File Servers and Storage Solutions:** Understand the fundamentals of file server deployment, file and folder permissions, and storage solutions such as Storage Spaces and SMB Direct, enabling effective management of file services and data storage.
- ✓ **Implementing Hyper-V Virtualization:** Develop the skills to deploy and manage Hyper-V virtualization technology on Windows Server 2022, including virtual machine management, configuration, migration, and high availability.
- ✓ **Ensuring High Availability and Disaster Recovery:** Learn to implement high availability and disaster recovery solutions on Windows Server 2022, including failover clustering, backup and restore strategies, and disaster recovery planning.

Course Objectives, continued:

- ✓ **Managing Updates and Patches with WSUS:** Acquire the knowledge and skills to implement Windows Server Update Services (WSUS) for centralized management of updates and patches on Windows Server and client systems.
- ✓ **Configuring SAN Storage and Failover Clustering:** Learn to configure Storage Area Networks (SAN), manage SAN storage solutions, and implement failover clustering for high availability and fault tolerance.
- ✓ **Monitoring System Performance:** Understand performance monitoring tools and techniques in Windows Server 2022, including performance counters, Event Viewer, and Performance Monitor, enabling effective monitoring and troubleshooting of system performance issues.
- ✓ **Integrating with Microsoft Azure:** Gain an introduction to Microsoft Azure cloud platform and learn how to integrate Windows Server 2022 with Azure services, facilitating hybrid cloud deployments and leveraging cloud resources.

By the end of the course, participants will have acquired the knowledge, skills, and confidence to effectively deploy, manage, and maintain Windows Server 2022 environments in various organizational settings, ensuring optimal performance, security, and reliability.

Course outline:

Module 1: Introducing Windows Server 2022

- ✓ Overview of Windows Server 2022 features and enhancements
- ✓ Installation and configuration of Windows Server 2022
- ✓ Introduction to Windows Server administration tools and utilities

Module 2: Active Directory Domain Services on Windows Server 2022

- ✓ Understanding Active Directory Domain Services (AD DS) architecture
- ✓ Installation and configuration of AD DS on Windows Server 2022
- ✓ Managing users, groups, and organizational units (OUs)
- ✓ Group Policy management and implementation.

Module 3: Managing DHCP (Dynamic Host Configuration Protocol)

- ✓ Introduction to DHCP and its role in network configuration
- ✓ Installation and configuration of DHCP server on Windows Server 2022
- ✓ Managing DHCP scopes, options, and reservations
- ✓ DHCP failover and load balancing configurations

Module 4: Managing DNS (Domain Naming Service)

- ✓ Overview of DNS concepts and components
- ✓ Installation and configuration of DNS server on Windows Server 2022
- ✓ DNS zone management and DNS record types
- ✓ Troubleshooting common DNS issues

Module 5: Managing File Servers and Storage

- ✓ File server deployment and configuration on Windows Server 2022
- ✓ File and folder permissions and sharing
- ✓ Implementing storage solutions such as Storage Spaces and SMB Direct

Course outline, continued:

Module 6: Implementing Hyper-V Virtualization

- ✓ Introduction to Hyper-V virtualization technology
- ✓ Installation and configuration of Hyper-V role on Windows Server 2022
- ✓ Virtual machine management, configuration, and migration
- ✓ High availability and disaster recovery options for virtual machines

Module 7: Disaster Recovery on Windows Server 2022

- ✓ Understanding disaster recovery concepts and strategies
- ✓ Implementing backup and restore solutions using Windows Server Backup
- ✓ Disaster recovery planning and testing

Module 8: Implementing WSUS on Windows Server 2022

- ✓ Overview of Windows Server Update Services (WSUS)
- ✓ Installation and configuration of WSUS on Windows Server 2022
- ✓ Managing updates and patches for Windows Server and client systems

Module 9: Managing SAN Storage and Failover Clustering

- ✓ Introduction to Storage Area Networks (SAN)
- ✓ Configuring SAN storage solutions on Windows Server 2022
- ✓ Implementing failover clustering for high availability

Module 10: Performance Monitoring in Windows Server 2022

- ✓ Performance monitoring tools and utilities in Windows Server 2022
- ✓ Monitoring and troubleshooting system performance issues
- ✓ Implementing performance optimization techniques

Module 11: Microsoft Azure Introduction

- ✓ Overview of Microsoft Azure cloud platform
- ✓ Integrating Windows Server 2022 with Microsoft Azure
- ✓ Introduction to Azure services and management tools

Target Audience:

This training is suitable for IT Professionals, System Administrators, Network Administrators, IT Managers, and anyone involved in the planning, installation, and maintenance of Microsoft Server systems.

Prerequisites:

Basic understanding of telecommunications and networking concepts **is recommended but not required.**

Duration:

2-Days | 14-hours (Customizable based on specific training needs)

Delivery Method:

Instructor-led training with a combination of lectures, case studies, group discussions, actual demonstration, and hands-on exercises.

Certification:

Upon successful completion of the training program and assessment, participants will receive a Certificate of Completion in Windows Server 2022 Administration Training.

Training Investment:

Per head Investment – Php15,680.00 (VAT-Inc)

Exclusive/Group Training – Php 156,800.00 (VAT-Inc), maximum of 10 participants

Outside Manila or Provincial Training – Subject to verification and customized costing.

Securing the training slot:

Upon settling the training investment, send the proof of payment, full name, mobile number, and email address to itllectualmanila@gmail.com.

Where to pay:

Bank Name: LANDBANK OF THE PHILIPPINES

Account Name: ITELLEQQ TRAINING AND CONSULTANCY

Account Number: 5462-0024-42

Bank Name: BANCO DE ORO

Account Name: VANESA CEZAR

Account Number: 001100-205134

GCASH

Account Name: VANESA CEZAR

Gcash Number: 09154655700

Other concerns? Contact our Hotline:

0915-4885708 | 0919-5168888 | itllectualmanila@gmail.com

*"Anyone who stops learning is old, whether 20 or 80, anyone who keeps learning stays young.
The greatest thing in life is to keep your mind young."*

– Henry Ford –
