



ZERO TO HERO PFSENSE BOOTCAMP HANDS-ON TRAINING

Course Description

This intensive bootcamp training is designed to take participants from zero knowledge to a proficient level in configuring and managing Pfsense, an open-source firewall and routing platform. Participants will gain a comprehensive understanding of Pfsense from installation to advanced configuration, including firewall rules, load-balancing, fail-over settings, proxy servers, VPNs, intrusion prevention systems, DNS filtering, VLANs, and more. Through a combination of theoretical instruction, hands-on lab exercises, and real-world scenarios, participants will develop the skills and knowledge necessary to deploy and manage Pfsense effectively in a variety of network environments.

A Comprehensive two
(2) day hands-on
training for Network
Security Professionals &
Network Administrators!

Conducted by one of
best PFSense Trainer in
the Philippines!

Full packed with essential
network security topics,
including configuration
best practices!

Get after training
professional support!

ITLLECTUAL MANILA

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Philippines 1111

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Course Objectives:

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

- ✓ Understand the fundamentals of PfSense and its role in network security and routing.
- ✓ Review networking basics to establish a foundation for handling PfSense configurations.
- ✓ Properly size hardware requirements for optimal PfSense installation and performance.
- ✓ Install PfSense for the first time and become familiar with the installation process.
- ✓ Navigate the PfSense interface and access various configuration settings.
- ✓ Populate the PfSense dashboard and activate basic packages for additional functionalities.
- ✓ Configure PfSense rules to control network traffic and ensure security.
- ✓ Implement basic firewall configurations to protect the network.
- ✓ Configure and manage network services on the PfSense platform.
- ✓ Implement load-balancing and fail-over settings for redundancy and performance optimization.
- ✓ Explore advanced PfSense configurations for essential network services and security features.
- ✓ Configure PfSense as a proxy server using Squid3.
- ✓ Implement proxy filtering using SquidGuard for content filtering and access control.
- ✓ Configure multi-WAN functionality for improved network connectivity.
- ✓ Implement advanced firewall rules for granular control over network traffic.
- ✓ Configure network monitoring using NTopNG to analyze network traffic and usage.
- ✓ Implement intrusion prevention and detection systems for network security.
- ✓ Configure DNS filtering using PFBlocker for enhanced DNS-based security.
- ✓ Utilize reporting features to analyze network performance and security events.
- ✓ Configure VLANs and VPNs for network segmentation and secure remote access.
- ✓ Implement a wireless hotspot system for guest network access and management.

Course outline:

- ✓ Introduction to PfSense
- ✓ Networking Basics Review
- ✓ Hardware Sizing for PfSense
- ✓ PfSense Installation
- ✓ Interface Familiarization
- ✓ Dashboard Configuration
- ✓ Basic Package Activation
- ✓ PfSense Rules Configuration
- ✓ Basic Firewall Configuration
- ✓ Network Services Configuration
- ✓ Load-Balancing Configuration
- ✓ Fail-over Settings Configuration
- ✓ Advanced Configuration Exploration
- ✓ PfSense as Proxy Server (Squid3)
- ✓ Proxy Filter Configuration (SquidGuard)
- ✓ Multi-WAN Function Configuration
- ✓ Advanced Firewall Rules Configuration
- ✓ Network Monitoring (NTOPNG)
- ✓ Intrusion Prevention System/Intrusion Detection System Configuration
- ✓ DNS Filtering (PFBlocker)
- ✓ Reporting Features Utilization
- ✓ VLANs & VPNs Configuration
- ✓ Wireless Hotspot System Configuration

Target Audience:

This training is suitable for telecommunications engineers, network technicians, fiber optic installers, IT professionals, and anyone involved in the planning, installation, and maintenance of fiber optic communication 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 Zero to Hero PFSense Bootcamp Training.

Training Investment:

Per head Investment (Online training) – Php17,920.00 (VAT-Inc)

Exclusive/Group Training – Php 179,200.00 (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 –
