

## LAB 1 – Networking & Interface Configuration

pfSense clone [Running] - Oracle VirtualBox

File Machine View Input Devices Help

```
php_fm14321 /index.php: Successful login for user 'admin' from 192.168.20.1 (Local Database)
C
FreeBSD/amd64 (pfSense.home.arpa) (tty00)
VirtualBox Virtual Machine - Netgate Device ID: ed7ach010e0597610ee9
*** Welcome to pfSense 2.8.1-RELEASE (amd64) on pfSense ***
WANUPLINK (wan) -> em0 -> v4/bmcp4: 10.0.2.15/24
v4/bmcp4: f817:655c:f837:2:a00:27ff:fe40:4083/64
LANCORE (lan) -> em1 -> v4: 192.168.10.1/32
0) Logout / Disconnect SSH          9) pTop
1) Assign Interfaces                 10) Filter Logs
2) Set Interface(s) IP address      11) Restart GUI
3) Reset admin account and password 12) PHP shell - pfSense tools
4) Reset to factory defaults        13) Update from console
5) Reboot system                   14) Enable Secure Shell (ssh)
6) Halt system                     15) Restore recent configuration
7) Ping host                       16) Restore PHP-FPM
8) Shell
Enter an option: g
```

02. pfSense Frontend Practice - Ha X

pfSense.home.arpa - Interfaces: W/ X

Not secure 192.168.20.3/interfaces.php?if=wan

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WANUplink (em0)

The WANUplink configuration has been changed.  
The changes must be applied to take effect.  
Don't forget to adjust the DHCP Server range if needed after applying.

✓ Apply Changes

### General Configuration

**Enable**

☒ Enable interface

**Description**

WANUplink

Enter a description (name) for the interface here.

**IPv4 Configuration Type**

DHCP

**IPv6 Configuration Type**

DHCP6

**MAC Address**

xx:xx:xx:xx:xx:xx

This field can be used to modify ("spoof") the MAC address of this interface.  
Enter a MAC address in the following format: xx:xx:xx:xx:xx:xx or leave blank.

**MTU**

1400

If this field is blank, the adapter's default MTU will be used. This is typically 1500 bytes but can vary in some

02. pfSense Frontend Practice – Ha X

pfSense.home.arpa - Interfaces: LA X

Not secure 192.168.20.3/inter... Summarize

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**pfSense**  
COMMUNITY EDITION

**WARNING:**  
The password for this account is insecure. Password is currently set to the default value (pfsense).  
Change the password as soon as possible.

LANCore (em1)

The changes have been applied successfully.

**General Configuration**

**Enable**  
☒ Enable interface

**Description**  
LANCore  
Enter a description (name) for the interface here.

**IPv4 Configuration Type**  
DHCP

**IPv6 Configuration Type**  
DHCP6

**MAC Address**

Q2. pfSense Frontend Practice - Hi: X

pfSense - Login

pfSense.home.arpa - Interfaces: I...

192.168.20.3/interfaces\_assign.php

Summarize

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pfSense

COMMUNITY EDITION

System

Interfaces

Firewall

Services

VPN

Status

Diagnostics

Help

WARNING:

The password for this account is insecure. Password is currently set to the default value (pfsense).

[Change the password as soon as possible.](#)

Interfaces / Interface Assignments

Interface Assignments

Interface Groups

Wireless

VLANs

QinQs

PPPs

GRES

GIFs

Bridges

LAGGs

Interface	Network port
WANUplink	em0 (08:00:27:d0:d0:b3)
LANCore	em1 (08:00:27:a5:cf:ba)

Save

Delete

Interfaces that are configured as members of a lagg(4) interface will not be shown.

Wireless interfaces must be created on the Wireless tab before they can be assigned.

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