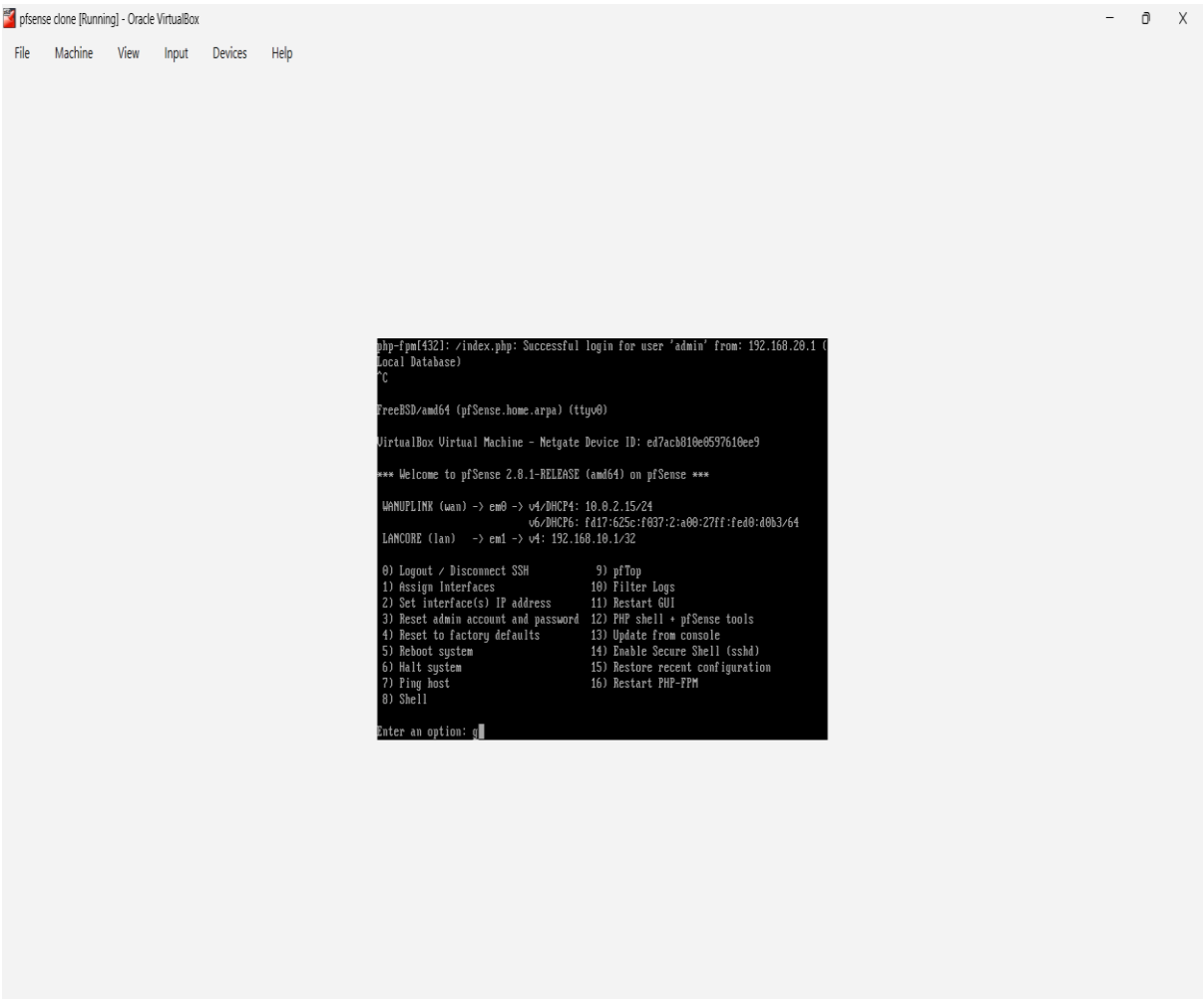
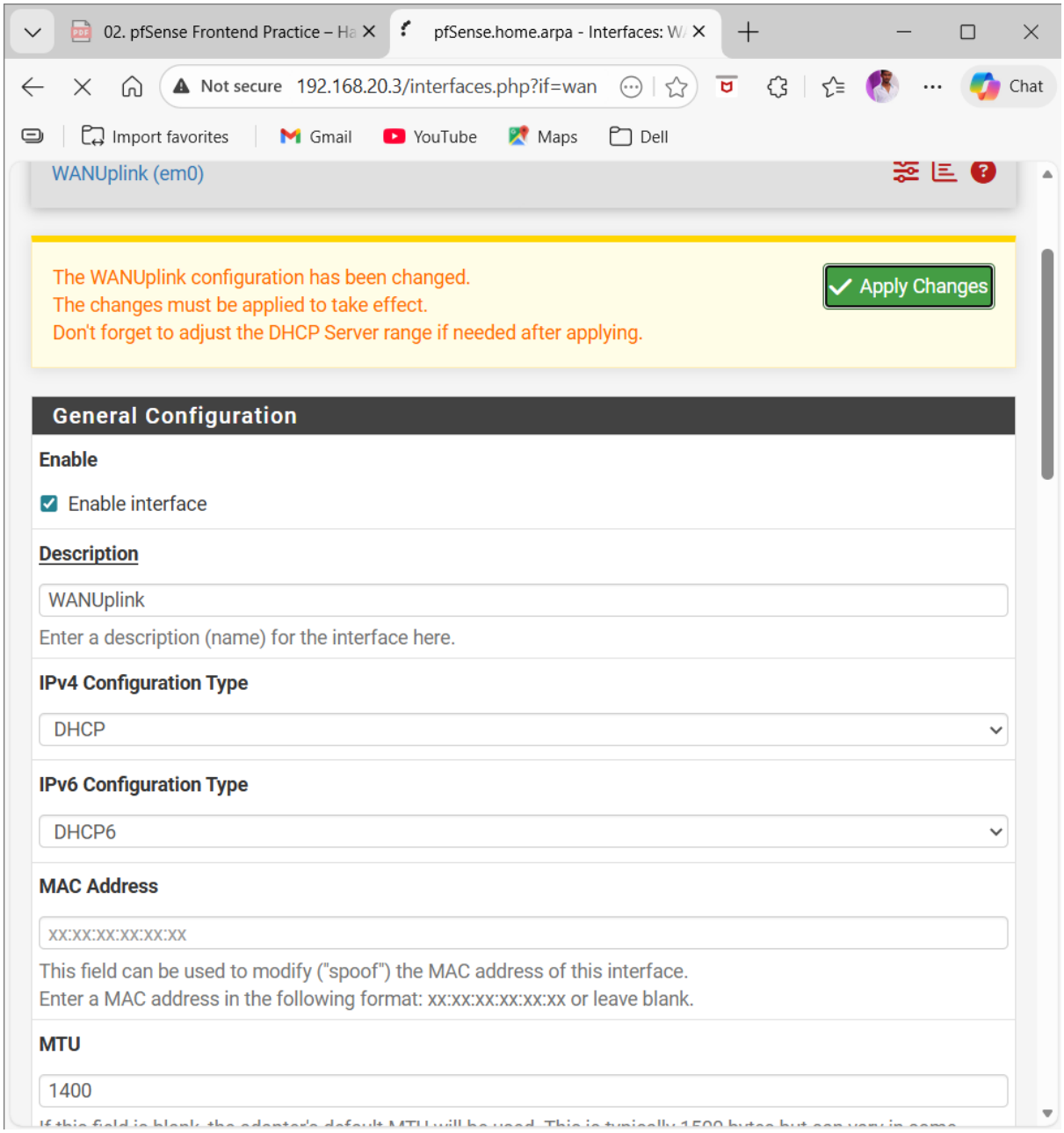
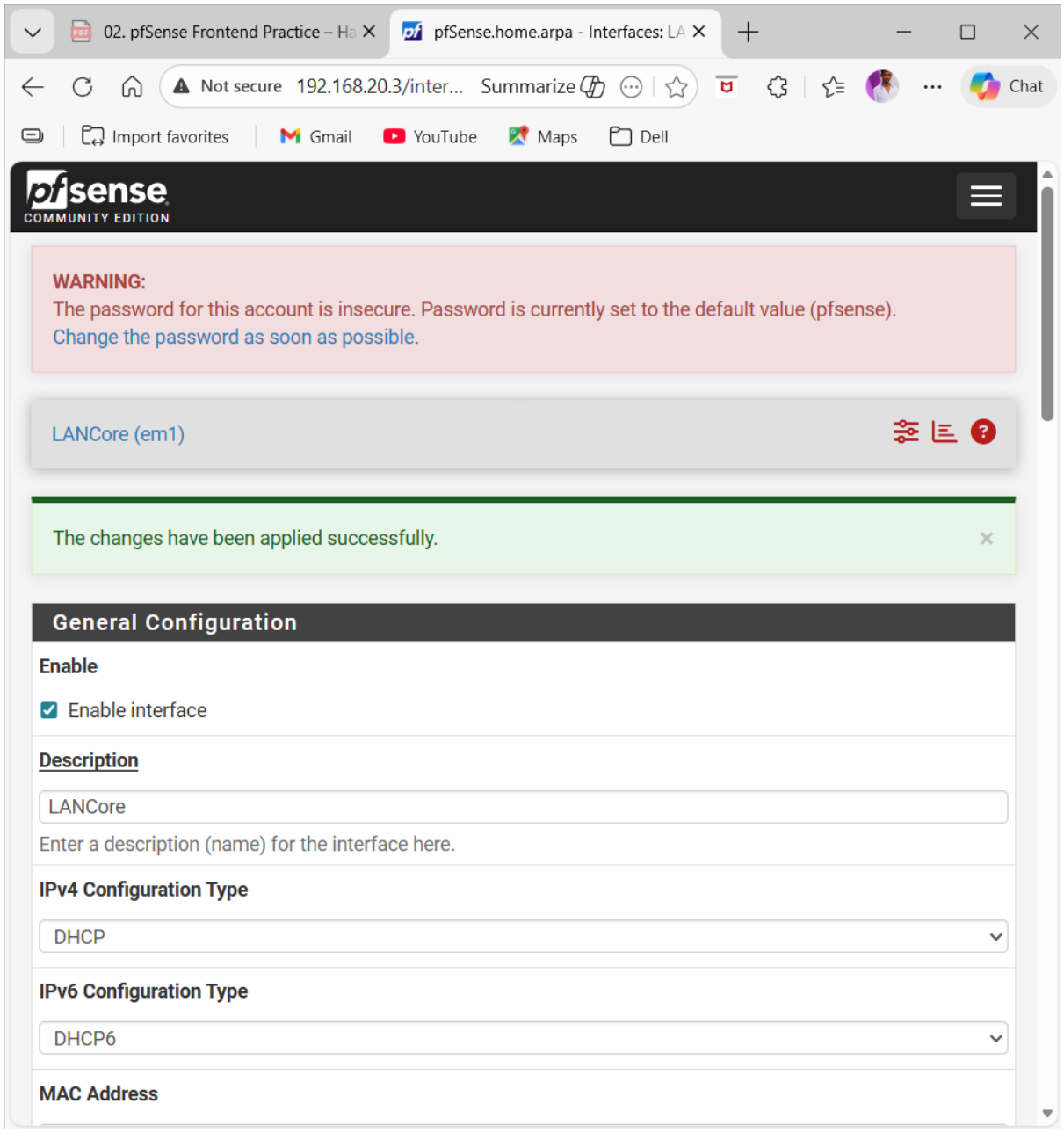
LAB 1 – Networking & Interface Configuration




02. pfSense Frontend Practice – Ha
pfSense.home.arpa - Interfaces: W
Not secure 192.168.20.3/interfaces.php?if=wan
Chat
Import favorites
Gmail
YouTube
Maps
Dell
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


02. pfSense Frontend Practice – Ha
pfSense.home.arpa - Interfaces: LA
Not secure
192.168.20.3/inter...
Summarize
Chat
Import favorites
Gmail
YouTube
Maps
Dell
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

Status / Interfaces

WANUPLINK Interface (wan, em0)

Status	up
DHCP	up Release WANUPLINK Relinquish Lease
MAC Address	08:00:27:61:a3:68
IPv4 Address	10.0.2.15
Subnet mask IPv4	255.255.255.0
Gateway IPv4	10.0.2.2
IPv6 Link Local	fe80::a00:27ff:fe61:a368%em0
DNS servers	10.180.94.58
MTU	1200
Media	1000baseT <full-duplex>
In/out packets	9369/9614 (614 KiB/410 KiB)
In/out packets (pass)	9369/9614 (614 KiB/410 KiB)
In/out packets (block)	0/1 (0 B/40 B)
In/out errors	0/0
Collisions	0

LANCORE Interface (lan, em1)

Status	up
MAC Address	08:00:27:75:2c:35
IPv4 Address	192.168.10.1
Subnet mask IPv4	255.255.255.0
IPv6 Link Local	fe80::a00:27ff:fe75:2c35%em1
MTU	1500
Media	1000baseT <full-duplex>
In/out packets	732/1262 (87 KiB/1.40 MiB)
In/out packets (pass)	732/1262 (87 KiB/1.40 MiB)
In/out packets (block)	1/22 (576 B/976 B)
In/out errors	0/0
Collisions	0

Using dial-on-demand will bring the connection up again if any packet triggers it. To substantiate this point: disconnecting manually will **not** prevent dial-on-demand from making connections to the outside! Don't use dial-on-demand if the line is to be kept disconnected.