

Lab-1

Not secure 192.168.56.103/interfaces_assign.php

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
WAN	em0 (08:00:27:e0:90:1b)
LAN	em1 (08:00:27:1d:67:df) Delete

[Save](#)

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.

General Configuration

Enable ☒ Enable interface

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

IPv4 Configuration Type

IPv6 Configuration Type

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

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

MSS
If a value is entered in this field, then MSS clamping for TCP connections to the value entered above minus 40 for IPv4 (TCP/IPv4 header size) and minus 60 for IPv6 (TCP/IPv6 header size) will be in effect.

Speed and Duplex
Explicitly set speed and duplex mode for this interface.
WARNING: MUST be set to autoselect (automatically negotiate speed) unless the port this interface connects to has its speed and duplex forced.

Static IPv4 Configuration

IPv4 Address / 24

IPv4 Upstream gateway [+ Add a new gateway](#)

PFSENSE
COMMUNITY EDITION

System / Interfaces / Firewall / Services / VPN / Status / Diagnostics / Help

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Interfaces / LANcore (em1)

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

xxxxxxxxxxxx

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

MTU

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

MSS

If a value is entered in this field, then MSS clamping for TCP connections to the value entered above minus 40 for IPv4 (TCP/IPv4 header size) and minus 60 for IPv6 (TCP/IPv6 header size) will be in effect.

Change the password as soon as possible.

Interfaces / 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

xxxxxxxxxxxx

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

MTU

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

MSS

If a value is entered in this field, then MSS clamping for TCP connections to the value entered above minus 40 for IPv4 (TCP/IPv4 header size) and minus 60 for IPv6 (TCP/IPv6 header size) will be in effect.

Interfaces / LANcore (em1)



The LANcore 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

LANcore

Enter a description (name) for the interface here.

IPv4 Configuration Type

DHCP

IPv6 Configuration Type

DHCP6

MAC Address

xxxxxxxxxxxx

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

MSS

If a value is entered in this field, then MSS clamping for TCP connections to the value entered above minus 40 for IPv4 (TCP/IPv4 header size) and minus 60 for IPv6 (TCP/IPv6 header size) will be in effect.

Lab-2

pfSense

COMMUNITY EDITION

System

Interfaces

Firewall

Services

VPN

Status

Diagnostics

Help

Status / System Logs / Firewall / Normal View

System

Firewall

DHCP

Authentication

IPsec

PPP

PPPoE/L2TP Server

OpenVPN

NTP

Packages

Settings

Normal View

Dynamic View

Summary View

La: Rule details

Action: block

Reason: ip-option

Tracker ID: 1757202313

Matched Rule: unavailable

Associated Rules:

@70 pass in quick on vmx1 inet proto igmp from <LAN__NETWORK:1> to 239.255.255.250 keep state (if-bound) label "USER_RULE: Passed via EasyRule" label "id:1757202313" identifier 1757202313

×	Sep 7 10:17:10	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
×	Sep 7 10:17:05	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
×	Sep 7 10:17:05	LAN	Passed via EasyRule (1757202313)	192.168.1.70	239.255.255.250	IGMP
×	Sep 7 10:16:03	LAN	Passed via EasyRule (1757202313)	192.168.1.155	239.255.255.250	IGMP
×	Sep 7 10:16:02	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
×	Sep 7 10:15:07	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
×	Sep 7 10:15:06	LAN	Passed via EasyRule (1757202313)	192.168.1.155	239.255.255.250	IGMP
×	Sep 7 10:15:01	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP

Schedule Information

Schedule Name BusinessHours

Description Normal Business Hours

Month August_16

Date

August_2016						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Click individual date to select that date only. Click the appropriate weekday Header to select all occurrences of that weekday.

Time

9

00

17

00

Time range description

Work Week

+ Add Time

Clear selection

17 matched log entries.Max(50)

Act	Time	If	Source	Destination	Proto
	Oct 19 01:51:46	LAN	192.168.1.10	159.153.226.105	ICMP
	Oct 19 01:51:45	LAN	192.168.1.10	159.153.225.30	ICMP
	Oct 19 01:51:43	LAN	192.168.1.10	159.153.93.2	ICMP
	Oct 19 01:51:42	LAN	192.168.1.10	64.125.199.186	ICMP
	Oct 19 01:51:40	LAN	192.168.1.10	64.125.31.206	ICMP
	Oct 19 01:51:39	LAN	192.168.1.10	64.125.25.113	ICMP
	Oct 19 01:51:37	LAN	192.168.1.10	64.125.25.46	ICMP
	Oct 19 01:51:36	LAN	192.168.1.10	64.125.30.233	ICMP
	Oct 19 01:51:34	LAN	192.168.1.10	64.125.31.234	ICMP
	Oct 19 01:51:33	LAN	192.168.1.10	64.125.24.5	ICMP
	Oct 19 01:51:32	LAN	192.168.1.10	75.149.228.134	ICMP
	Oct 19 01:51:30	LAN	192.168.1.10	68.86.87.18	ICMP
	Oct 19 01:51:29	LAN	192.168.1.10	68.86.91.229	ICMP
	Oct 19 01:51:27	LAN	192.168.1.10	68.85.155.14	ICMP
	Oct 19 01:51:26	LAN	192.168.1.10	68.85.154.10	ICMP
	Oct 19 01:51:24	LAN	192.168.1.10	162.151.1.141	ICMP
	Oct 19 01:51:23	LAN	192.168.1.10	67.160.236.1	ICMP

La Rule details

Action: block

Reason: ip-option

Tracker ID: 1757202313

Matched Rule: unavailable

Associated Rules:

X	Sep 7 10:17:10	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
X	Sep 7 10:17:05	LAN	Passed via EasyRule (1757202313)	192.168.1.45	239.255.255.250	IGMP
X	Sep 7 10:17:05	LAN	Passed via EasyRule (1757202313)	192.168.1.70	239.255.255.250	IGMP
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