	TROUBLESHOOTINGS			Página 1 de 4
	PFSENSE – FALHA DE ACESSO A WEB/INTERNET			
	Setor Responsável -	Analista Responsável Nome: Fábio Nepomuceno	Emissão 06/08/2024	Versão 1.0

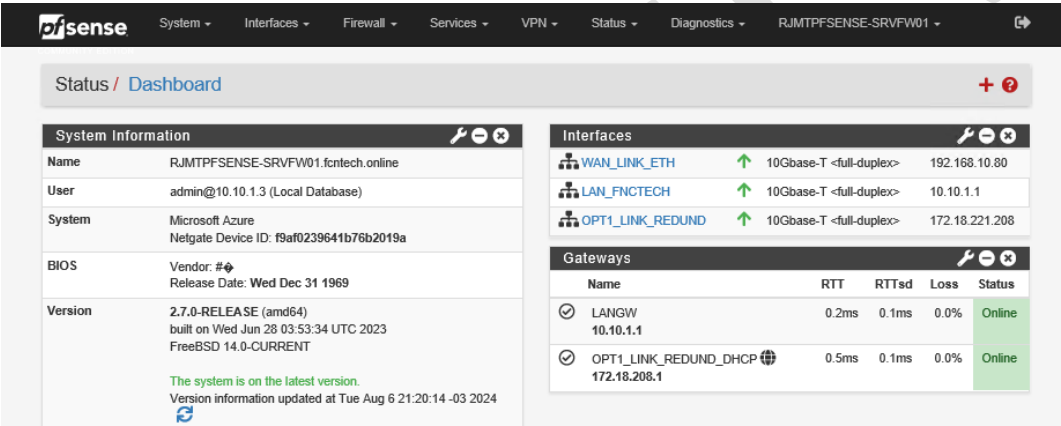
1. OBJETIVO:

Este procedimento tem como objetivo delinear os passos para resolver o problema de falha de acesso à internet usando o firewall do Pfsense.

2. APLICAÇÃO:

Permite corrigir a falha de acesso à internet.

Ao configurar o Pfsense o link de acesso à internet está UP.




Porem ao tentar navegar retorna o erro que a página não pode ser exibida.



This page can't be displayed

- Make sure the web address <https://www.google.com> is correct.
- Look for the page with your search engine.
- Refresh the page in a few minutes.

[Fix connection problems](#)

 NPCTI Cloud Computing	TROUBLESHOOTINGS			Página 2 de 4
	PFSENSE – FALHA DE ACESSO A WEB/INTERNET			
	Setor Responsável -	Analista Responsável Nome: Fábio Nepomuceno	Emissão 06/08/2024	Versão 1.0

Ao realizar o comando PING pela plataforma, o retorno é 0% de perda de pacotes.

Diagnostics / Ping

Ping

Hostname

IP Protocol

Source address


Select source address for the ping.

Maximum number of pings

Select the maximum number of pings.

Seconds between pings

Select the number of seconds to wait between pings.



Results

```

PING 8.8.8.8 (8.8.8.8): 56 data bytes
64 bytes from 8.8.8.8: icmp_seq=0 ttl=54 time=70.501 ms
64 bytes from 8.8.8.8: icmp_seq=1 ttl=54 time=29.527 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=54 time=142.610 ms

--- 8.8.8.8 ping statistics ---
3 packets transmitted, 3 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 29.527/80.879/142.610/46.746 ms

```

3. ATIVIDADES:

1) Verifique se as regras do firewall estão criadas. **Firewall > Rules > LAN**

Floating

WAN_LINK_ETH

LAN_FNCTECH

OPT1_LINK_REDUND

Rules (Drag to Change Order)

<input type="checkbox"/>	States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
<input checked="" type="checkbox"/>	1/2.03 MIB	*	*	*	LAN_FNCTECH Address	443 80	*	*		Anti-Lockout Rule	
<input type="checkbox"/>	18/81 KIB	IPv4 UDP	LAN_FNCTECH net	*	*	53 (DNS)	*	none		Trafego DNS	
<input type="checkbox"/>	0/1 KIB	IPv4 TCP	LAN_FNCTECH net	*	*	443 (HTTPS)	*	none		Trafego HTTPS	
<input type="checkbox"/>	0/0 B	IPv4 TCP	LAN_FNCTECH net	*	*	80 (HTTP)	*	none		Trafego HTTP	
<input type="checkbox"/>	0/0 B	IPv4 ICMP any	LAN_FNCTECH net	*	*	*	*	none		ICMP	

Add

Add


Delete

Toggle

Copy

Save

Separator

	TROUBLESHOOTINGS			Página 3 de 4
	PFSENSE – FALHA DE ACESSO A WEB/INTERNET			
	Setor Responsável -	Analista Responsável Nome: Fábio Nepomuceno	Emissão 06/08/2024	Versão 1.0

- 2) Verifique em SYSTEM > ROUTING se o link da operadora da internet está habilitado como GATEWAY padrão.

Gateways

Name	Default	Interface	Gateway	Monitor IP	Description	Actions
<input type="checkbox"/> WANGW		WAN_LINK_ETH	192.168.10.1	192.168.10.1	Interface wan Gateway	
<input type="checkbox"/> LANGW		LAN_FNCTECH	10.10.1.1	10.10.1.1	Interface LAN	
<input checked="" type="checkbox"/> OPT1_LINK_REDUND_DHCP	Default (IPv4)	OPT1_LINK_REDUND	172.18.208.1	172.18.208.1	Interface OPT1_LINK_REDUND_DHCP Gateway	

Save

Add

Default gateway

Default gateway IPv4

OPT1_LINK_REDUND_DHCP

Select a gateway or failover gateway group to use as the default gateway.

Default gateway IPv6

None

Select a gateway or failover gateway group to use as the default gateway.

Save

- 3) Verifique se na interface LAN se o Gateway padrão está habilitado.

Interfaces / LAN_FNCTECH (hn0)

General Configuration

Enable

☒ Enable interface

Description

LAN_FNCTECH

Enter a description (name) for the interface here.

IPv4 Configuration Type

Static IPv4

IPv6 Configuration Type

None

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: xx:xx:xx:xx:xx:xx 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

Default (no preference, typically autoselect)

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

10.10.1.1

/ 24

IPv4 Upstream gateway

LANGW - 10.10.1.1

+ Add a new gateway

If this interface is an Internet connection, select an existing Gateway from the list or add a new one using the "Add" button. On local area network interfaces the upstream gateway should be "none".

- Caso esteja, desabilite-o alterando o status para **NONE**.

Static IPv4 Configuration

IPv4 Address

10.10.1.1


/ 24

IPv4 Upstream gateway

None

+ Add a new gateway

If this interface is an Internet connection, select an existing Gateway from the list or add a new one using the "Add" button. On local area network interfaces the upstream gateway should be "none".
Selecting an upstream gateway causes the firewall to treat this interface as a WAN type interface.
Gateways can be managed by [clicking here](#).

	TROUBLESHOOTINGS			Página 4 de 4
	PFSENSE – FALHA DE ACESSO A WEB/INTERNET			
	Setor Responsável -	Analista Responsável Nome: Fábio Nepomuceno	Emissão 06/08/2024	Versão 1.0

- Salve as alterações realizadas.

Interfaces / LAN_FNCTECH (hn0)

The LAN_FNCTECH 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

LAN_FNCTECH

Enter a description (name) for the interface here.

IPv4 Configuration Type

Static IPv4

IPv6 Configuration Type

None

4) Após a alteração, o acesso à internet para as máquinas da rede será normalizado.

