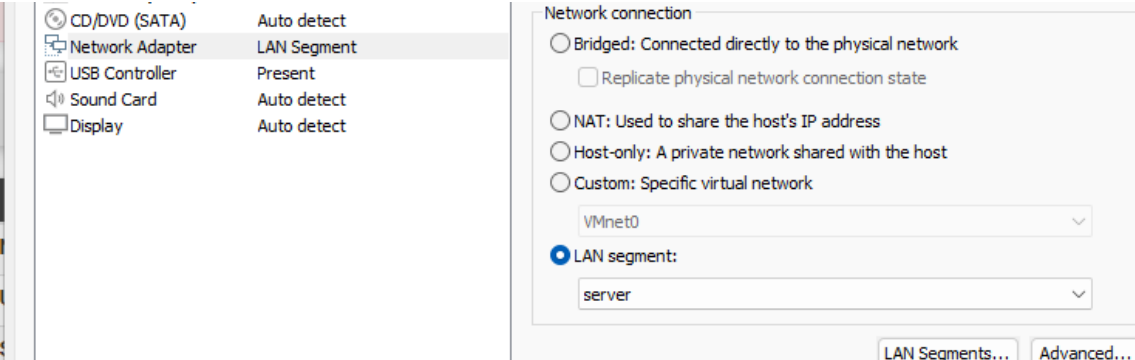


1. Red maquinas

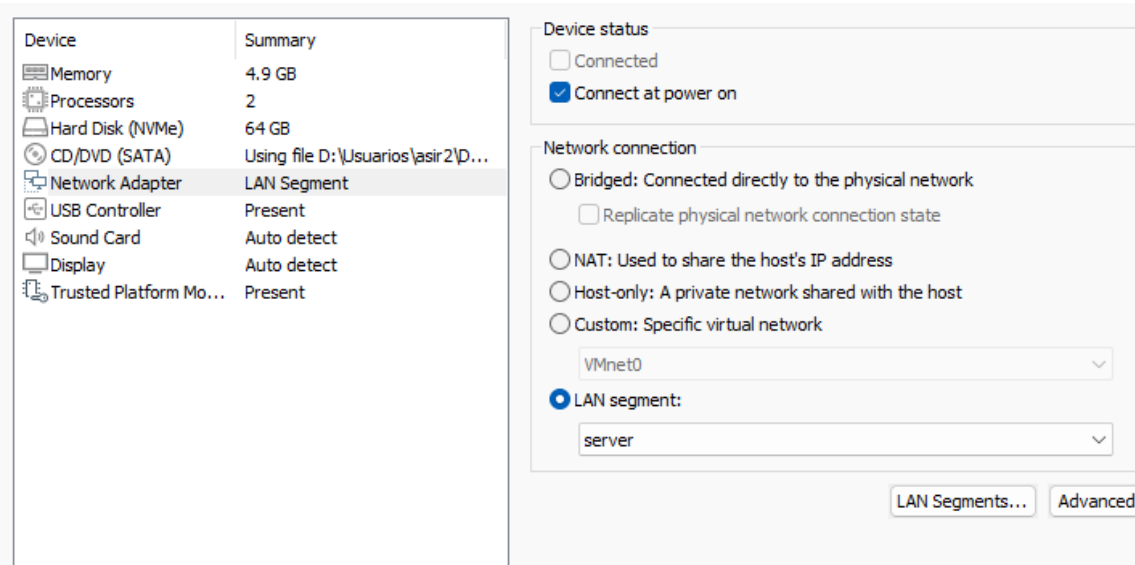
Wserver



Pfsense

Hard Disk (SCSI)	20 GB	Memory f
CD/DVD (IDE)	Using file D:\Usuarios\asir2\p...	
Network Adapter	NAT	128 GB
Network Adapter 2	LAN Segment	64 GB
USB Controller	Present	32 GB
Sound Card	Auto detect	16 GB
Display	Auto detect	8 GB
		4 GB

W11 cliente



2. Pfsense

Cambiamos la dirección por defecto y seleccionamos una dirección, en este caso esta es la mía:

```
LAN (lan) -> em1 -> v4: 10.0.22.1/24

0) Logout / Disconnect SSH          9) pfTop
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 (sshd)
6) Halt system                     15) Restore recent configuration
7) Ping host                       16) Restart PHP-FPM
8) Shell

Enter an option:
Message from syslogd@pfSense at Nov 24 11:14:39 ...
php-fpm[529761]: /index.php: webConfigurator authentication error for user 'admin'
' from: 10.0.22.30

Message from syslogd@pfSense at Nov 24 11:14:49 ...
php-fpm[529761]: /index.php: Successful login for user 'admin' from: 10.0.22.30 (
Local Database)
```

Asignamos el rango y habilitamos el dhcp

```
Configure IPv6 address LAN interface via DHCP6? (y/n) y

Do you want to enable the DHCP server on LAN? (y/n) y
Enter the start address of the IPv4 client address range: 10.0.22.100
Enter the end address of the IPv4 client address range: 10.0.22.200
Disabling IPv6 DHCPD...

Please wait while the changes are saved to LAN...
Reloading filter...
Reloading routing configuration...
DHCPD...

The IPv4 LAN address has been set to 10.0.22.1/24

The IPv6 LAN address has been set to dhcp6
```

Ponemos el nombre de nuestro dominio

System

Hostname

pfSense

Name of the firewall host, without domain part.

Domain

plc.local

Domain name for the firewall.

Do not end the domain name with '.local' as the final part (Top Level Domain, TLD). The 'local' TLD is widely used by mDNS (e.g. Avahi, Bonjour, Rendezvous, Airprint, Airplay) and some Windows systems and networked devices. These will not network correctly if the router uses 'local' as its TLD. Alternatives such as 'home.arpa', 'local.lan', or 'mylocal' are safe.

Modificamos el dns

DNS Server Settings

DNS Servers	10.0.22.30	DNS Hostname	none
Address	Hostname	Gateway	
Enter IP addresses to be used by the system for DNS resolution. These are also used for the DHCP service, DNS Forwarder and DNS Resolver when it has DNS Query Forwarding enabled.	Enter the DNS Server Hostname for TLS Verification in the DNS Resolver (optional).	Optionally select the gateway for each DNS server. When using multiple WAN connections there should be at least one unique DNS server per gateway.	

Add DNS Server

+ Add DNS Server

DNS Server

☒ Allow DNS server list to be overridden by DHCP/PPP on WAN or remote OpenVPN server

Configuración WAN:

Interfaces / WAN (em0)

General Configuration

Enable	<input checked="" type="checkbox"/> Enable interface
Description	<div>WAN</div> <div>Enter a description (name) for the interface here.</div>
IPv4 Configuration Type	<div>DHCP</div>
IPv6 Configuration Type	<div>DHCP6</div>

Configuración LAN:

Static IPv4 Configuration

IPv4 Address

10.0.22.1

/

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](#).

3. Cambio de contraseña de admin

Ponemos usuario@1 y le damos a save:

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

System / User Password Manager

Users

Groups

Settings

Change Password

Authentication Servers

Change Password

This page changes the password for the current user in the local configuration. This affects all services which utilize the Local Authentication database (User Manager).

This page cannot change passwords for users from other authentication sources such as LDAP or RADIUS.

Database

Local Authentication

Username

admin

Password

.....

Enter a new password.

Hints:

Current NIST guidelines prioritize password length over complexity.

The password cannot be identical to the username.

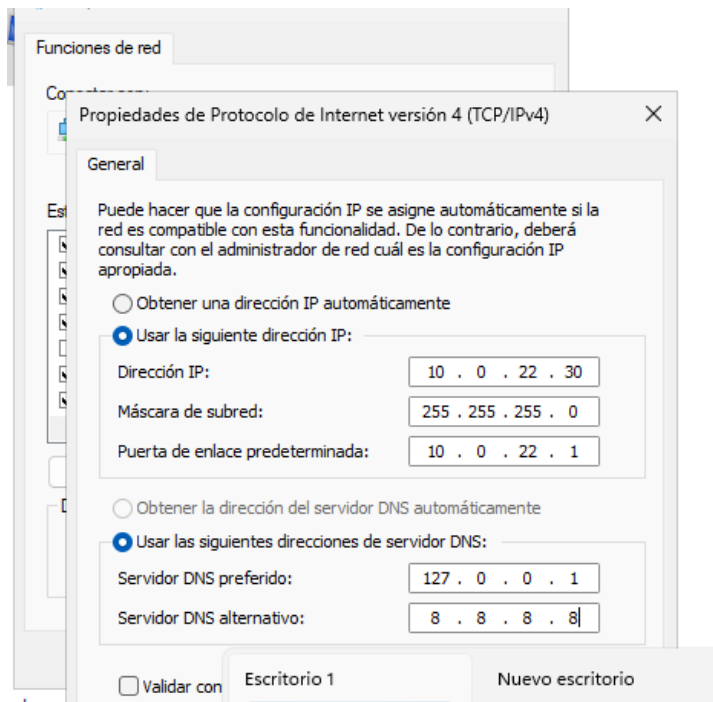
Confirmation

Type the new password again for confirmation.

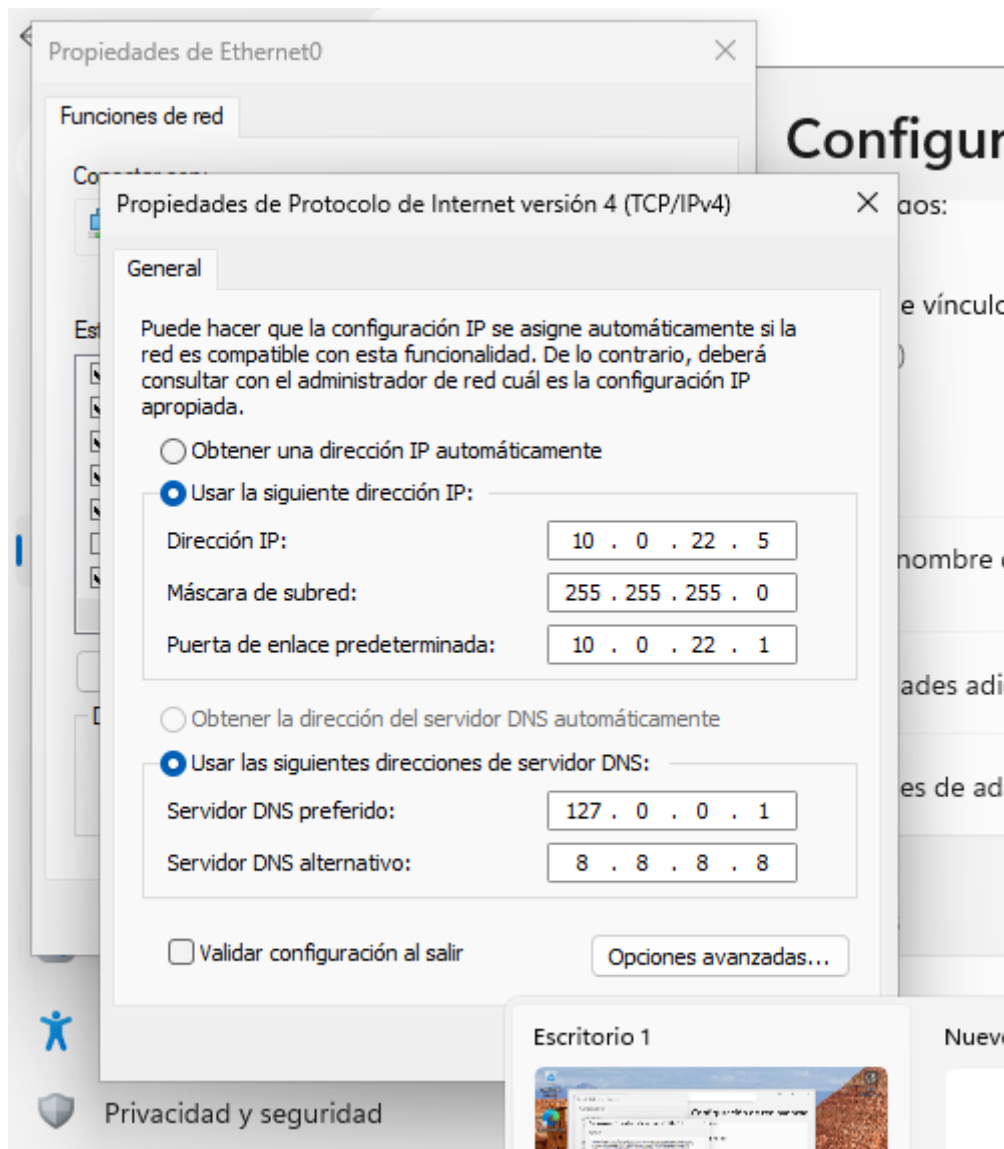
Save

4. Conexión entre dominio y cliente

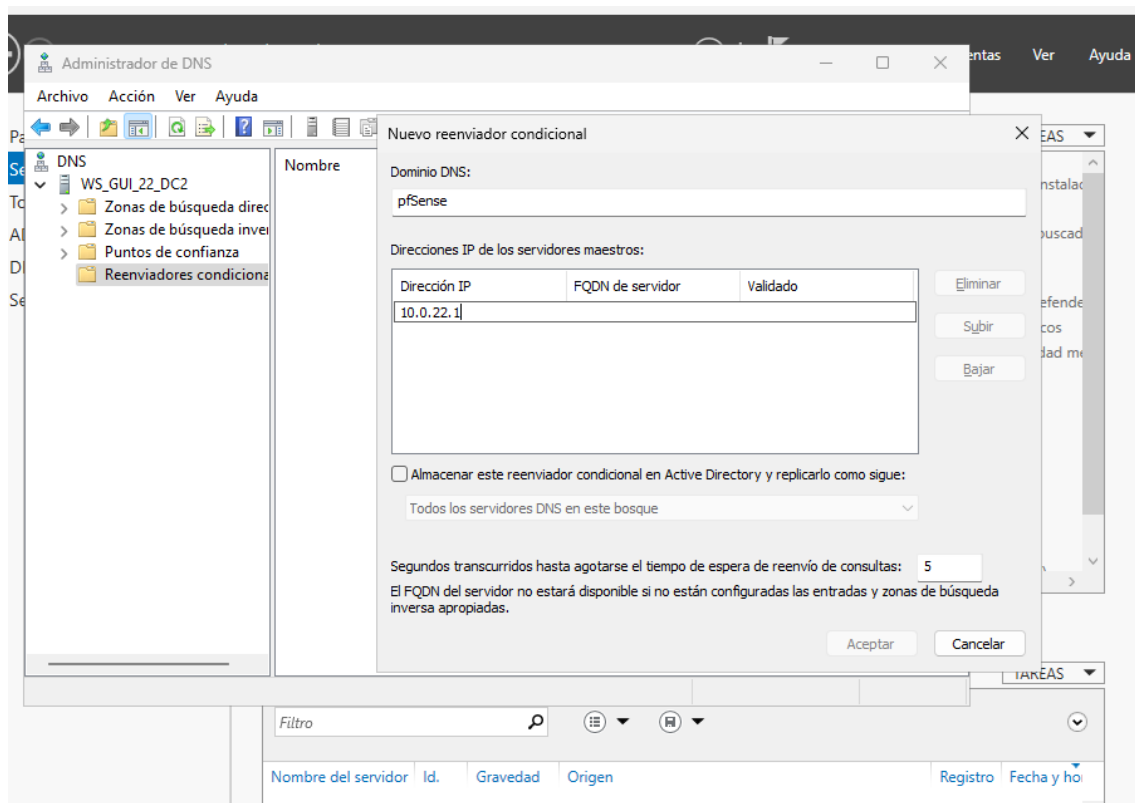
Direccion dominio:



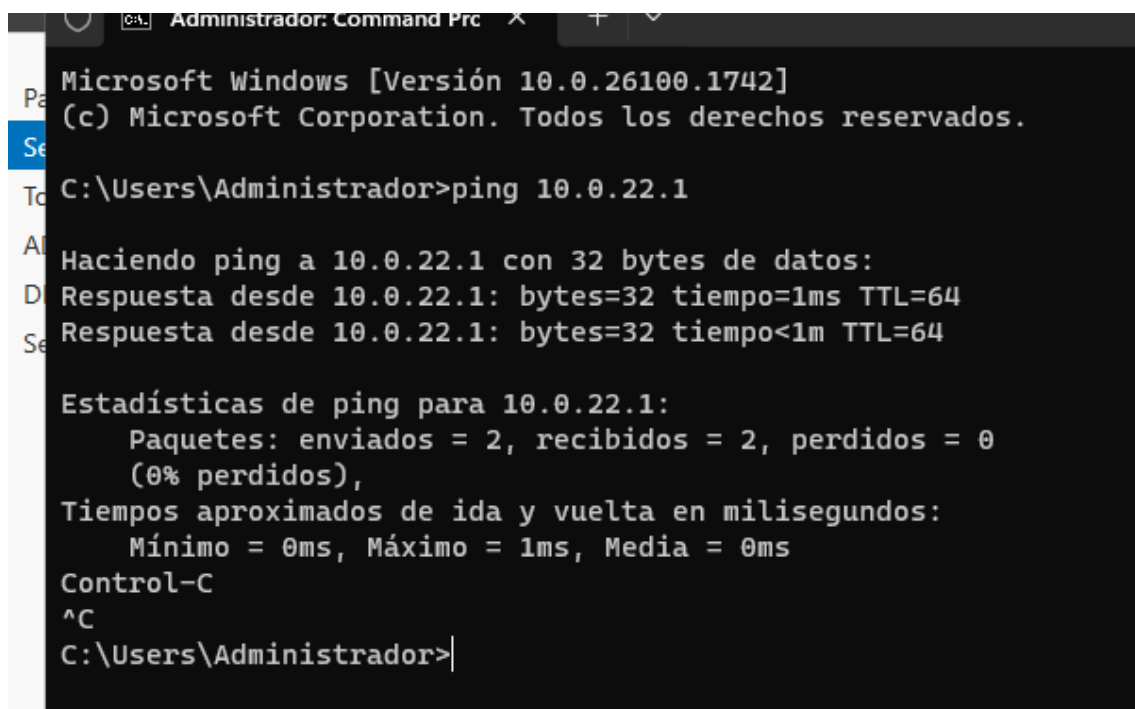
Dirección w11



Activamos los reenviadores dns y ponemos la ip de nuestro pfsense



Prueba de conexión del dominio al pfsense:



Problema unión cliente al servidor

