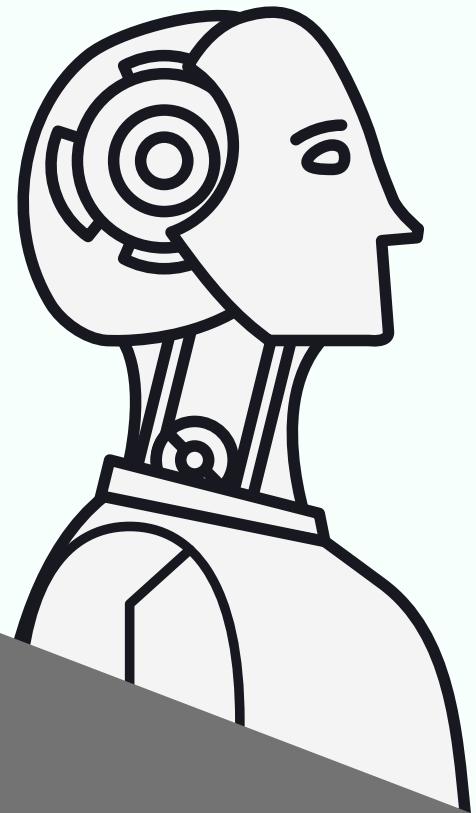




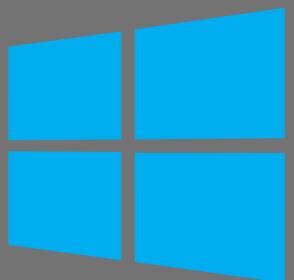
HOME CENTER

HOME CENTER



2021

Manual Tecnico



HOME CENTER

I. INTRODUCCIÓN.

La empresa de Zaleon Planea implementar servicios para la infraestructura del data center de la empresa Homecenter, a su vez este incluye los servicios de aplicaciones, outsourcing, soporte técnico, computación, seguridad, y consultoría. Teniendo en cuenta esto Homecenter otorgara los mejores servicios de calidad.

Homecenter enfoca sus servicios hacia la mejora de la arquitectura de la empresa, proyecta un enfoque a la optimización, la seguridad , el almacenamiento, y recursos de hardware para un mejor rendimiento y una optima administración

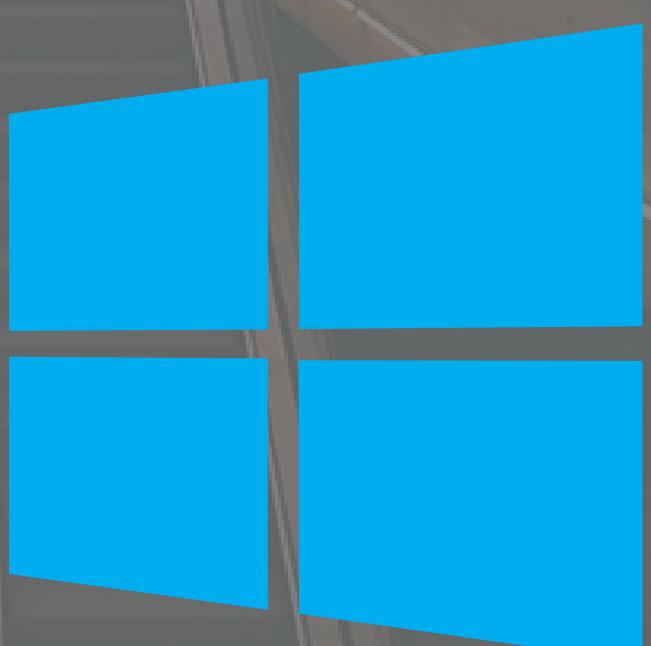
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I. Instalación Software de virtualización .



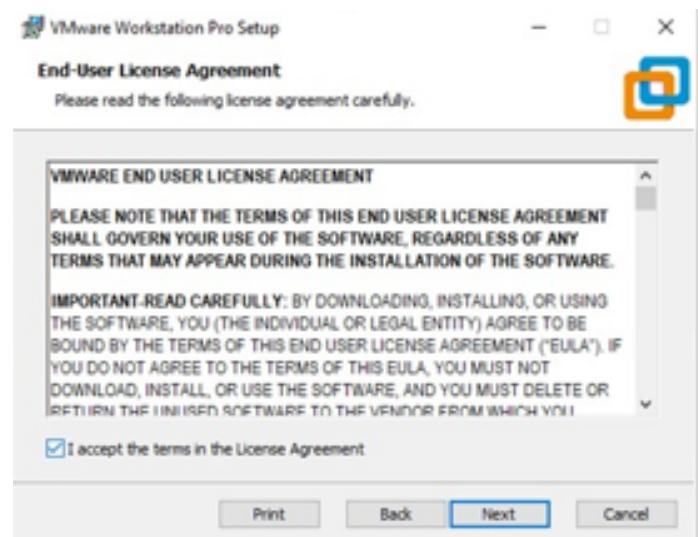
MANUAL TECNICO.

1. INSTALACIÓN DE VMWARE.

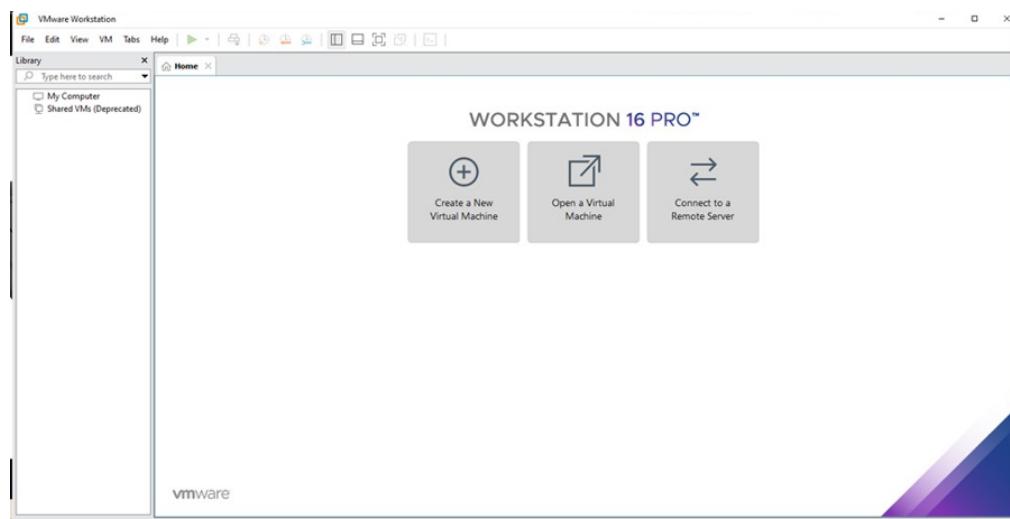
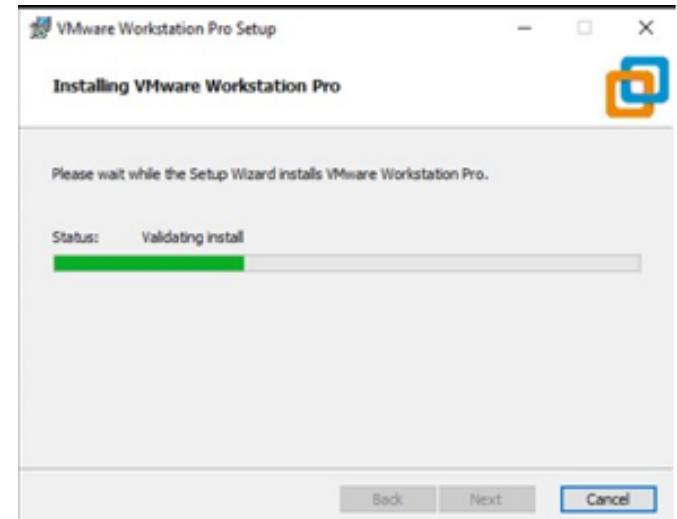
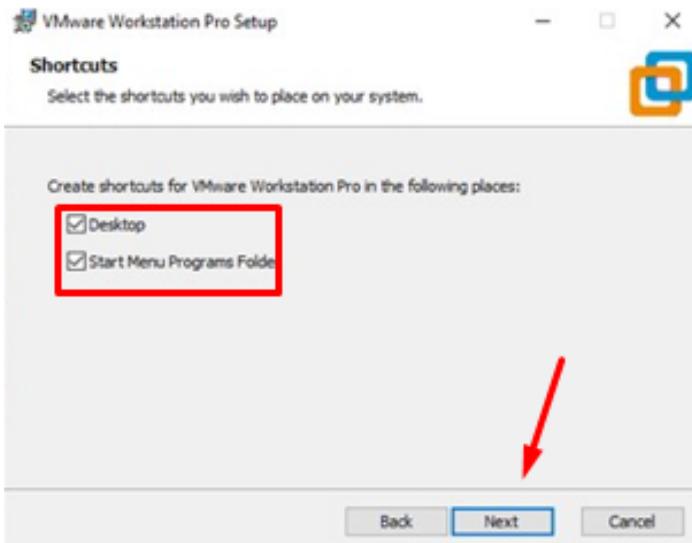
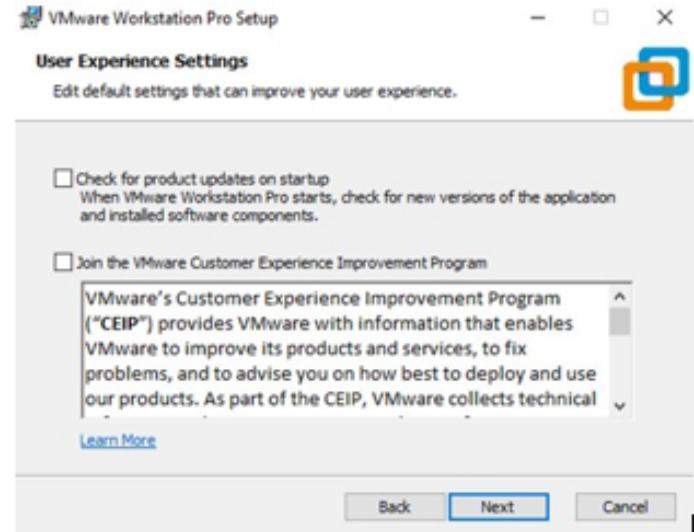
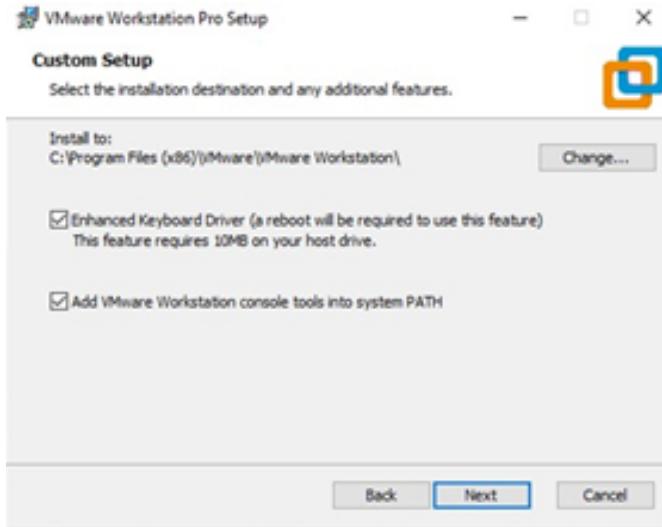
Para realizar la instalación de VMware nos dirigimos a su pagina oficial y descargamos el software para Windows.



Procedemos a realizar los pasos de la instalación pertinente.



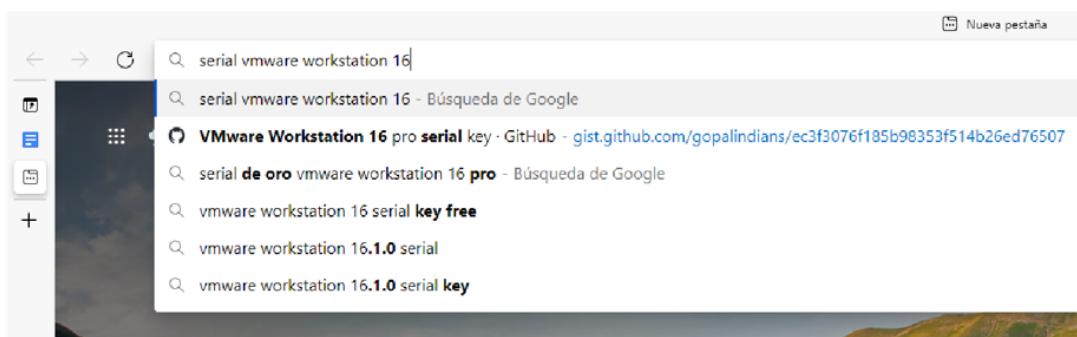
MANUAL TECNICO.



MANUAL TECNICO.

1.1. Activación De VMware.

Nos dirigimos a nuestro navegador favorito y escribimos "serial vmware workstation 16".

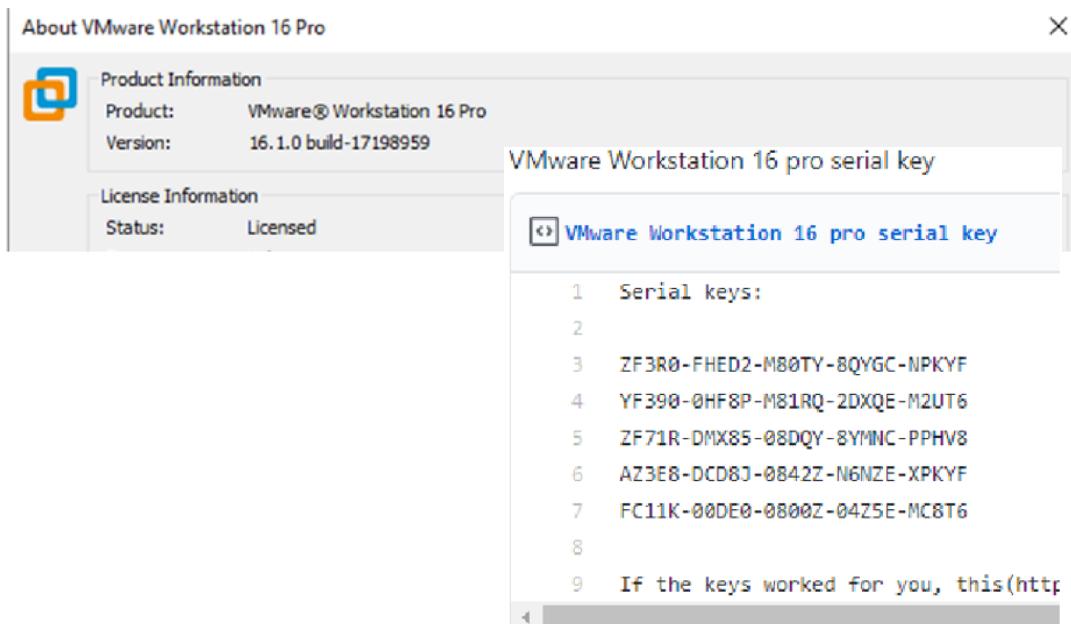


Seleccionamos el primer link que nos aparece.

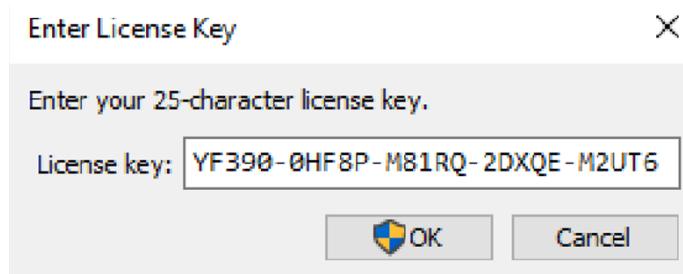
A screenshot of a GitHub repository page titled "williamgh2019 / VMware Workstation Pro 16 license keys". The repository has 2 revisions, 178 stars, and 70 forks. A red arrow points from the search bar in the top navigation to the repository title. Another red arrow points from the repository title to the main content area. The content area shows a list of steps for obtaining license keys, followed by a section titled "Free VMware Workstation Pro 16 to 16.1.1 full license keys ...". This section is highlighted with a red border. A third red arrow points from the bottom of the list to the beginning of this highlighted section. The highlighted section contains several license keys, with the first one, "ZF3R0-FHED2-M80TY-8QYGC-NPKYF", also highlighted with a red box.

MANUAL TECNICO.

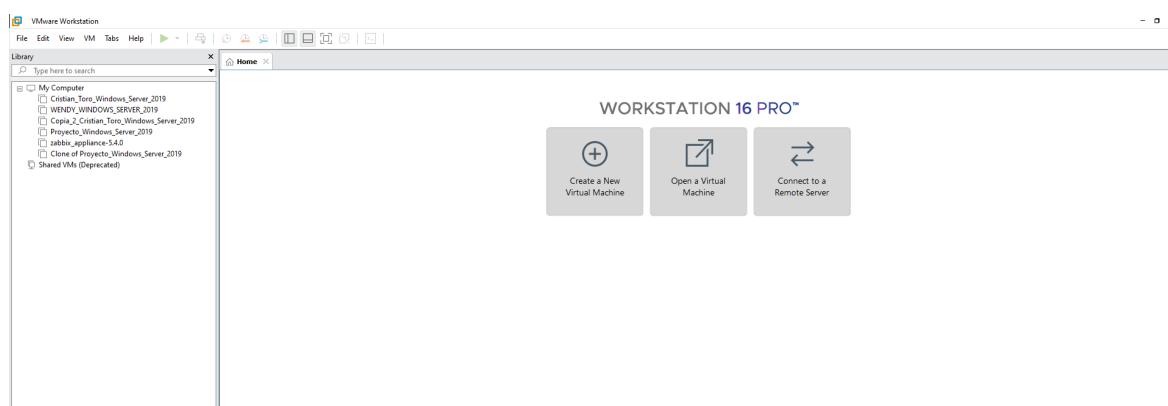
Seleccionamos el primer link que nos aparece.



Copiamos y pegamos la key para obtener su licencia y utilizar el software sin ningún tipo de problema.



Finalmente comprobamos que nuestra licencia nunca se termine.





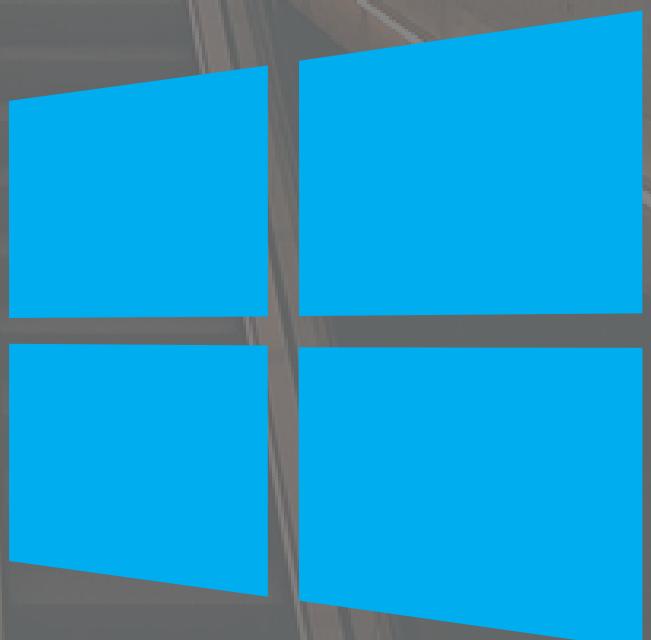
E62-67 Gates



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HOMECENTER

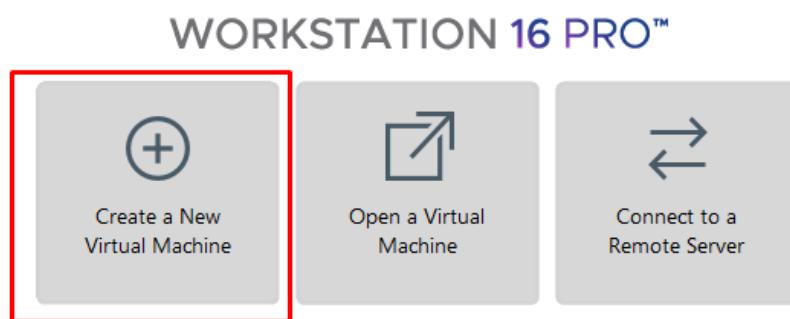
2. Instalación De Windows Server 2019.



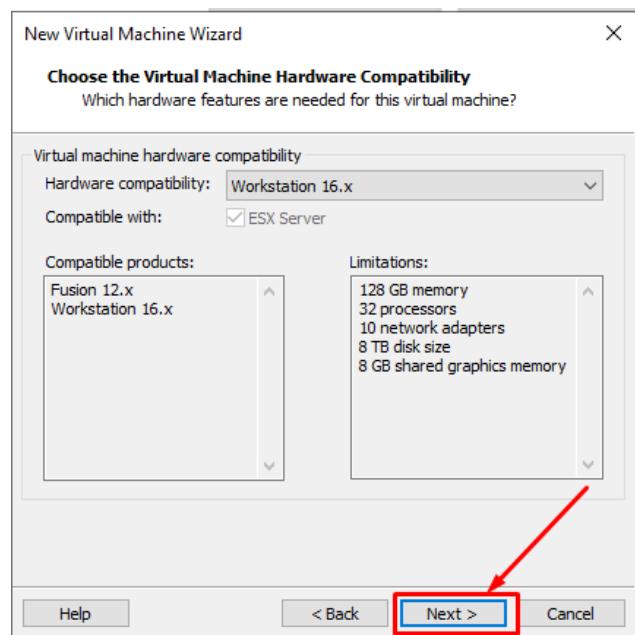
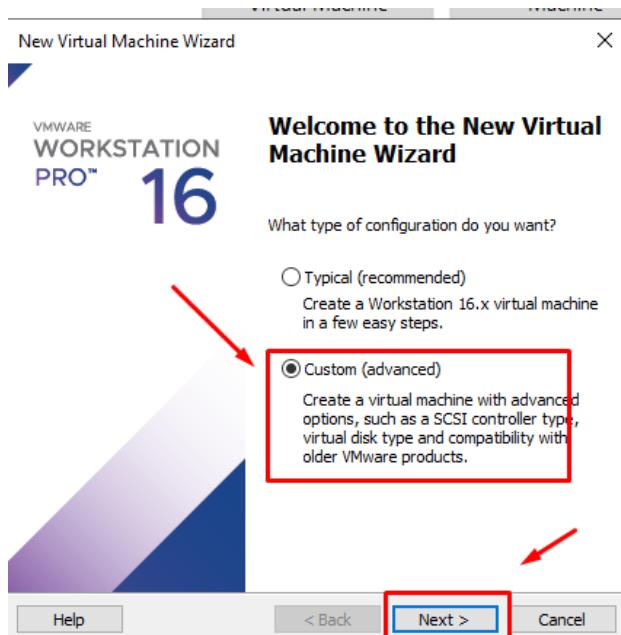
MANUAL TECNICO.

2. INSTALACIÓN DE WINDOWS SERVER 2019.

2.1. Creación De Maquina Virtual.

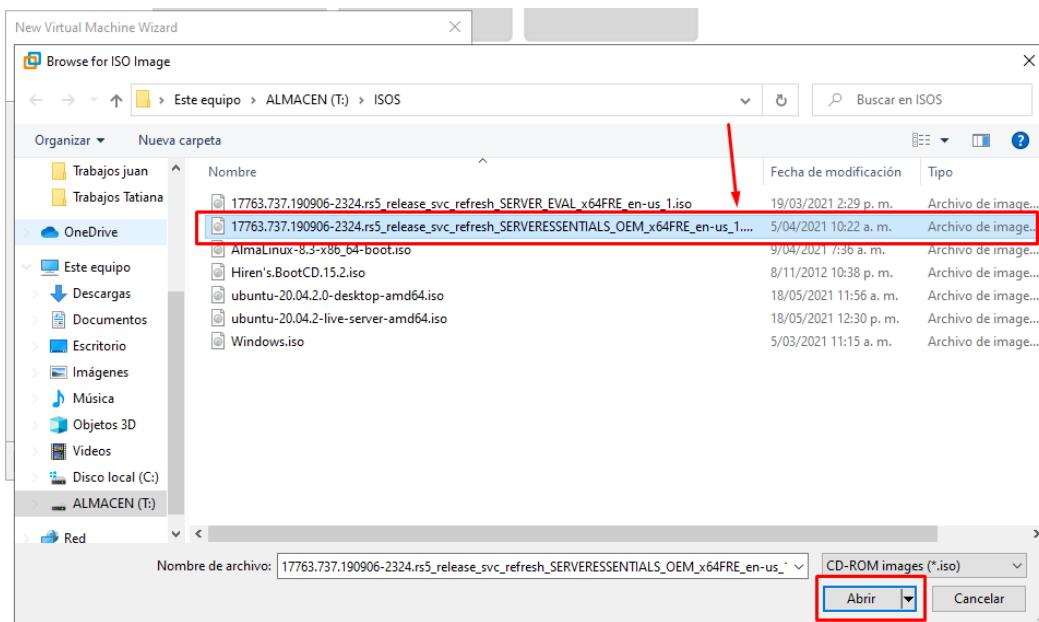


Para Crear una maquina Virtual seleccionamos las opciones avanzadas.

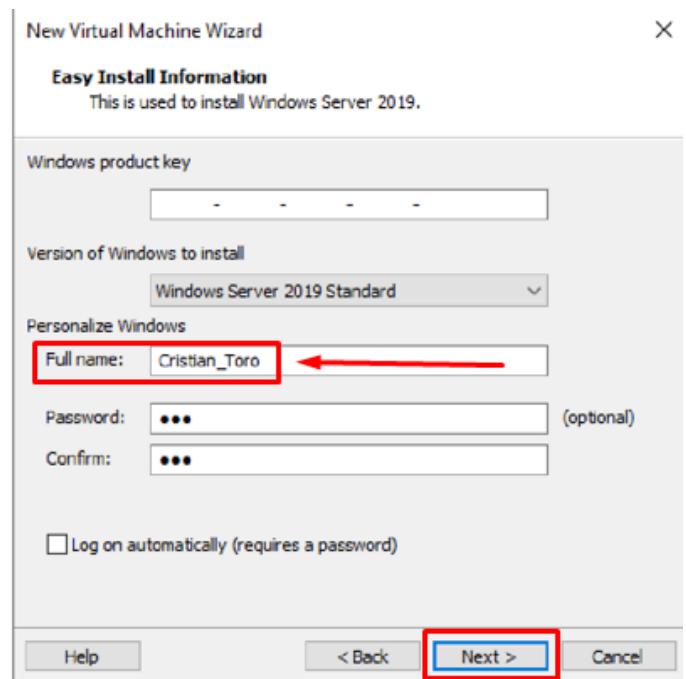
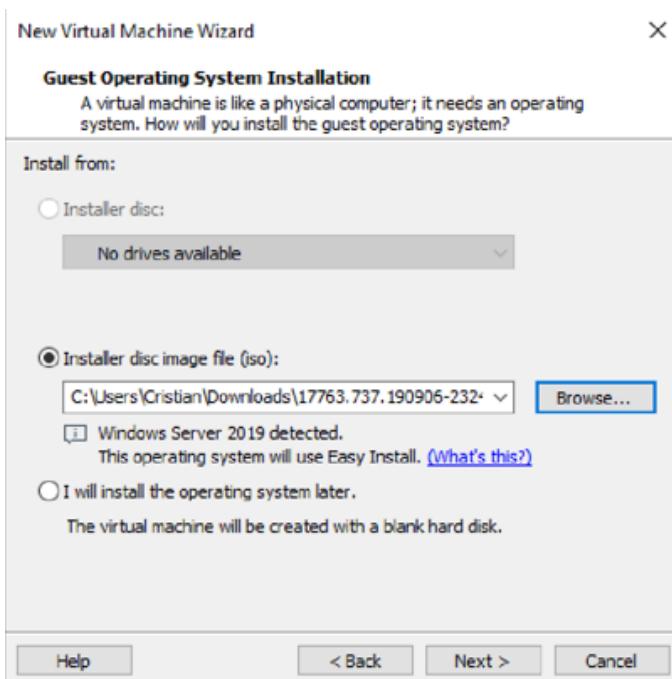


MANUAL TECNICO.

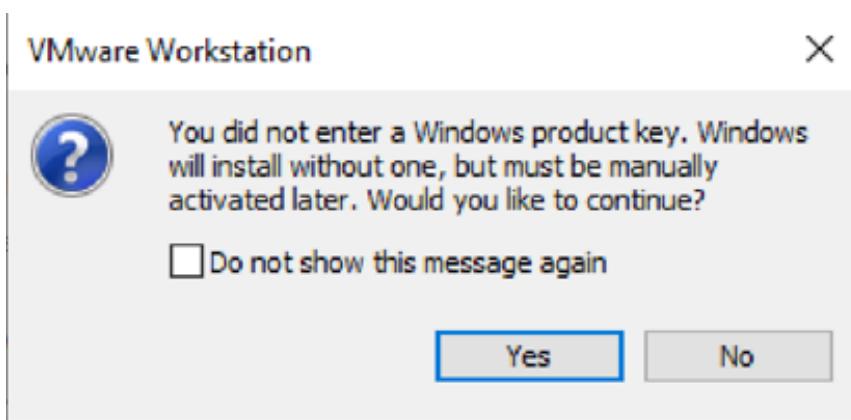
Seleccionamos la imagen iso de windows server 2019.



Colocamos nuestro nombre y la contraseña de nuestro usuario.



MANUAL TECNICO.



Colocamos el nombre de la maquina virtual y seleccionamos el tipo de BIOS.

New Virtual Machine Wizard

Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:
Cristian_Toro_Windows_Server_2019

Location:
C:\Users\... | Browse...

The default location can be changed at Edit > Preferences.

< Back | Next > | Cancel

New Virtual Machine Wizard

Firmware Type

What kind of boot device should this virtual machine have?

Firmware type

BIOS
 UEFI
 Secure Boot

< Back | Next > | Cancel

Colocamos la mitad de nuestros recursos a la máquina virtual.

Memoria

12,0 GB DDR3

Uso de memoria

11,9 GB

MANUAL TECNICO.

Velocidad de base: 3,40 GHz
Sockets: 1
Núcleos: 4
Procesadores lógicos: 4

The image shows two side-by-side windows from the 'New Virtual Machine Wizard'.

Processor Configuration: This window is titled 'Processor Configuration' and asks 'Specify the number of processors for this virtual machine.' It has three fields: 'Number of processors:' (set to 2), 'Number of cores per processor:' (set to 2), and 'Total processor cores:' (calculated as 4). The 'Number of cores per processor:' and 'Total processor cores:' fields are highlighted with a red box and connected by a red arrow pointing to the right.

Memory for the Virtual Machine: This window is titled 'Memory for the Virtual Machine' and asks 'How much memory would you like to use for this virtual machine?'. It has a dropdown menu for 'Memory for this virtual machine:' with '6208 MB' selected, which is also highlighted with a red box. A legend on the right indicates: Maximum recommended memory: 9.7 GB (blue square), Recommended memory: 2 GB (green square), and Guest OS recommended minimum: 1 GB (yellow square).

Colocamos la Conexion en modo bridge.

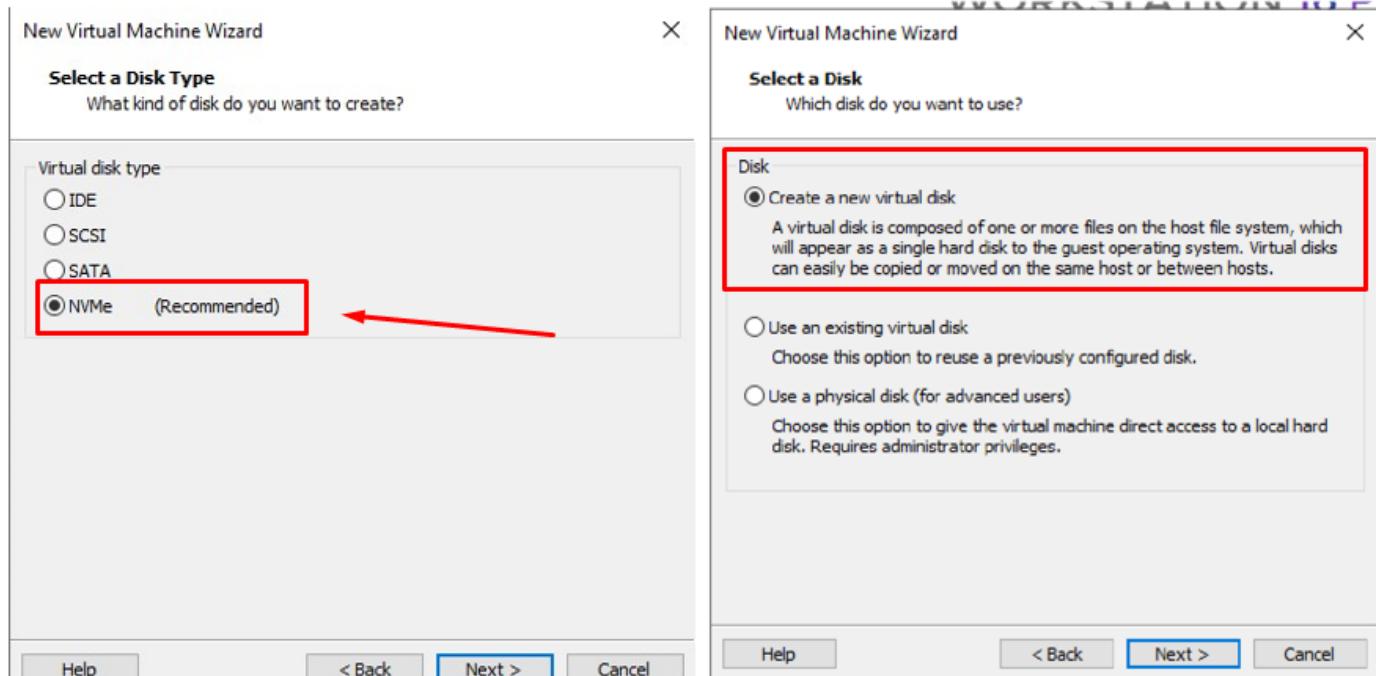
The image shows two side-by-side windows from the 'New Virtual Machine Wizard'.

Network Type: This window is titled 'Network Type' and asks 'What type of network do you want to add?'. It lists four options: 'Use bridged networking' (selected, highlighted with a red box and connected by a red arrow pointing to the right), 'Use network address translation (NAT)', 'Use host-only networking', and 'Do not use a network connection'.

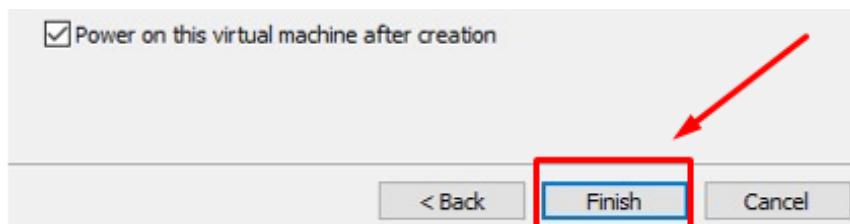
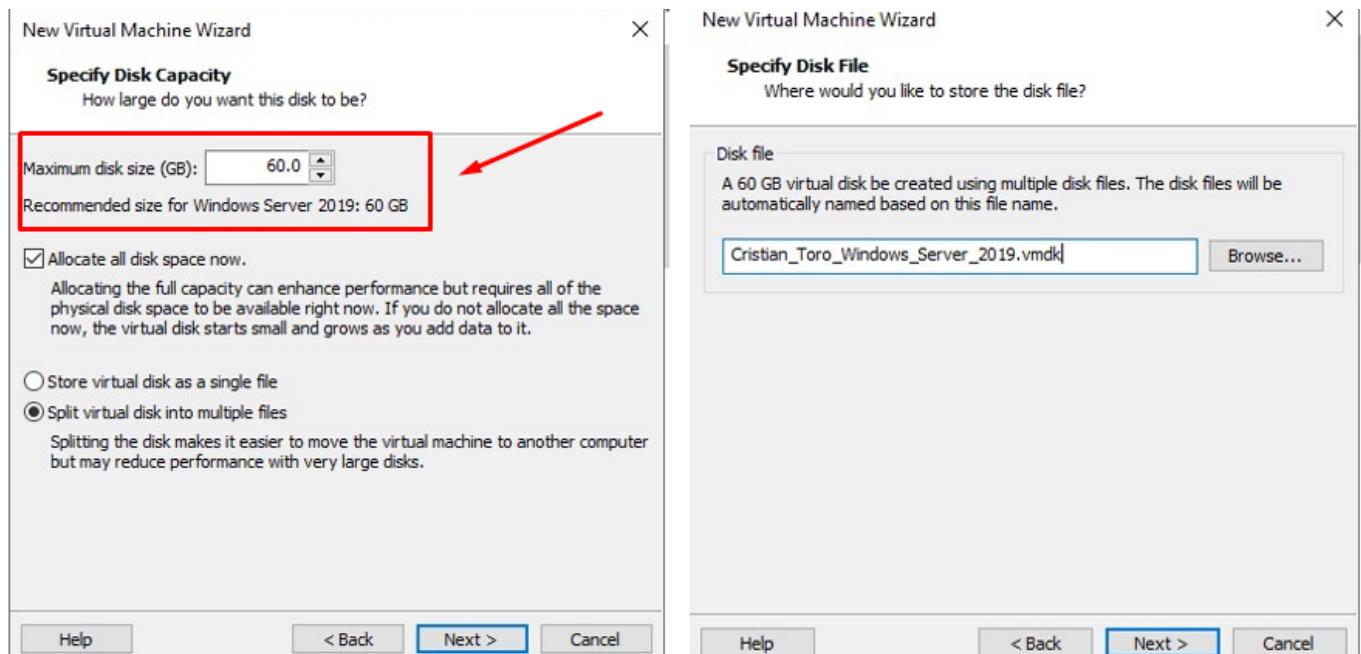
Select I/O Controller Types: This window is titled 'Select I/O Controller Types' and asks 'Which SCSI controller type would you like to use for SCSI virtual disks?'. It shows a list of I/O controller types under 'SCSI Controller': BusLogic (Not available for 64-bit guests), LSI Logic (Not supported by Windows Server 2019), LSI Logic SAS (Recommended) (selected, highlighted with a red box), and Paravirtualized SCSI (Not supported by Easy Install Windows Server).

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Seleccionamos el tipo de disco duro recomendado..

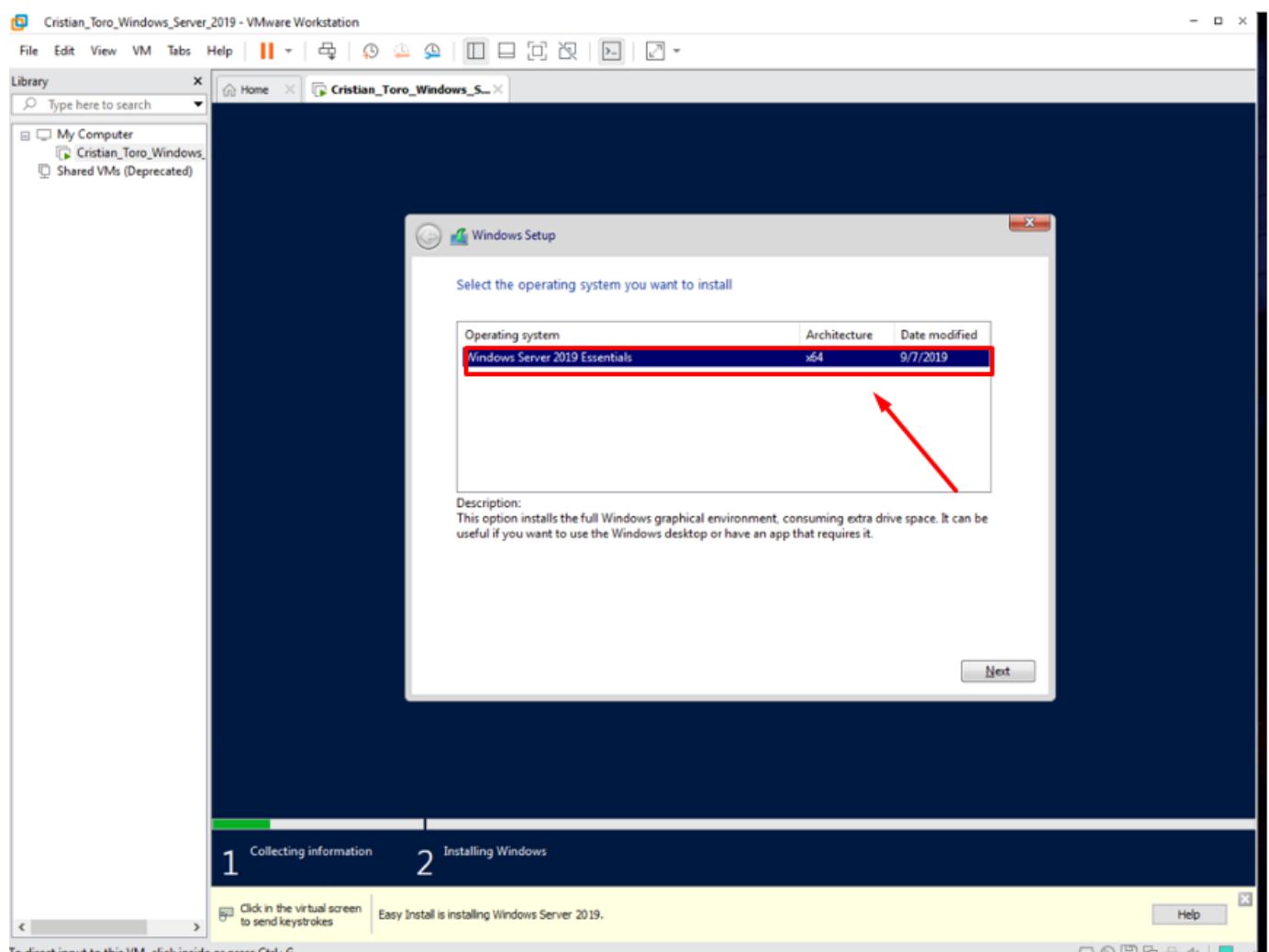
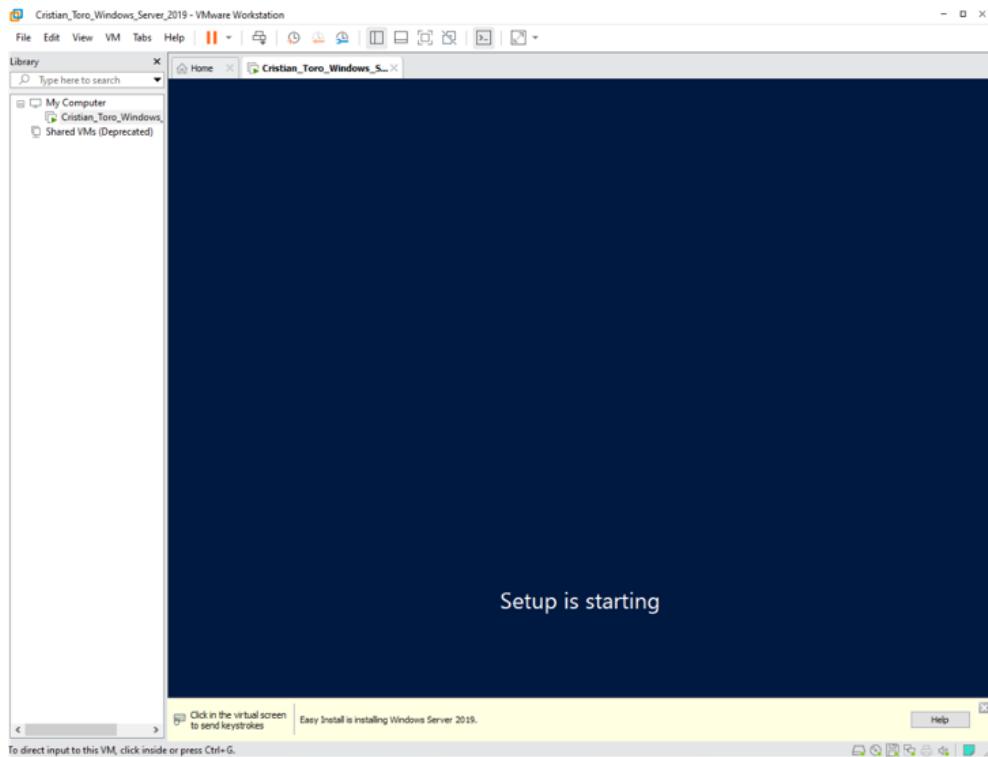


Seleccionamos la cantidad suficiente para el disco duro. En este caso de 60.0GB.

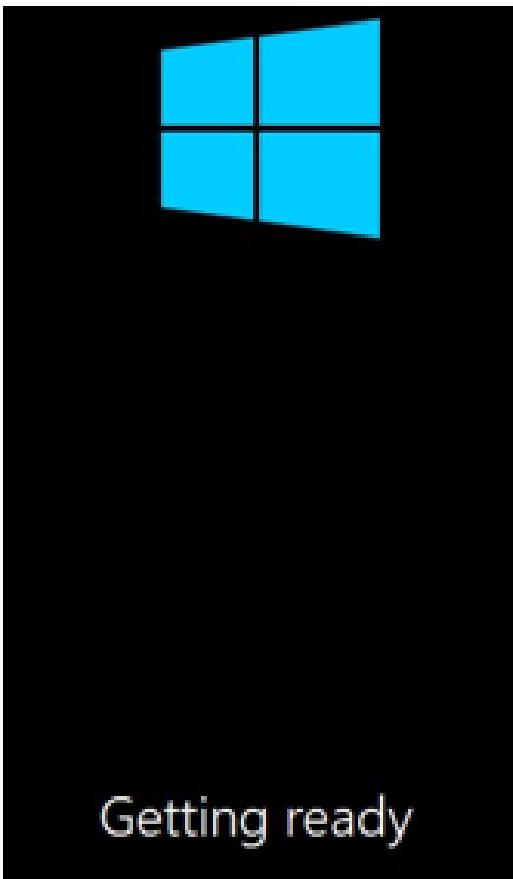


MANUAL TECNICO.

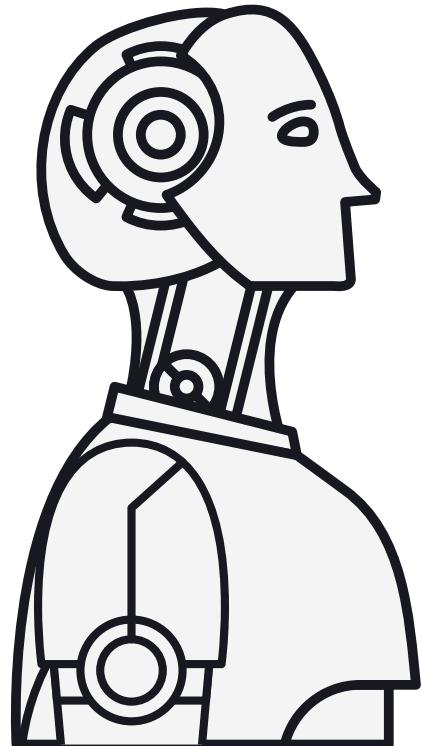
Procedemos a realizar la Instalación Del Sistema Operativo.



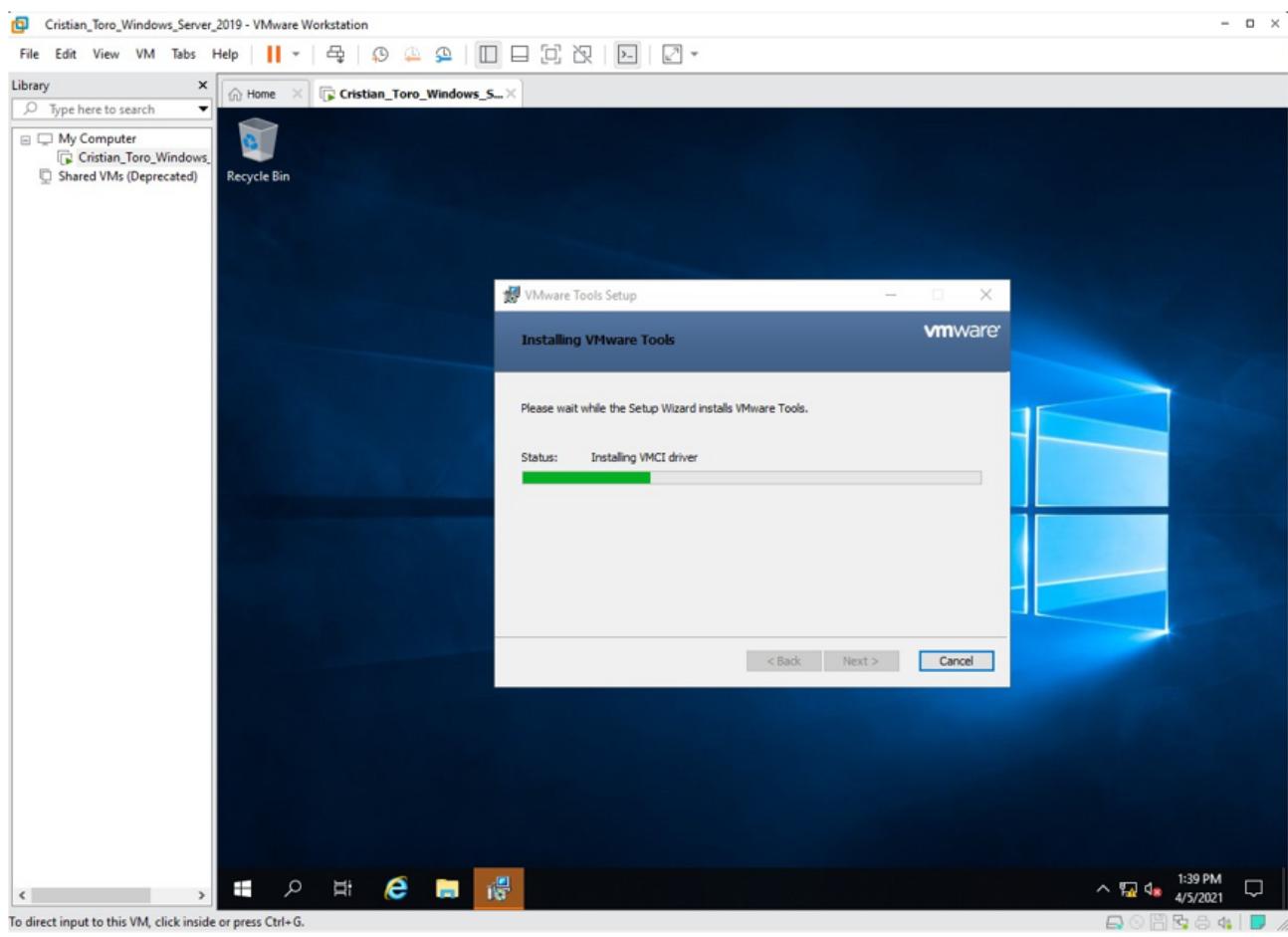
MANUAL TECNICO.



Getting ready

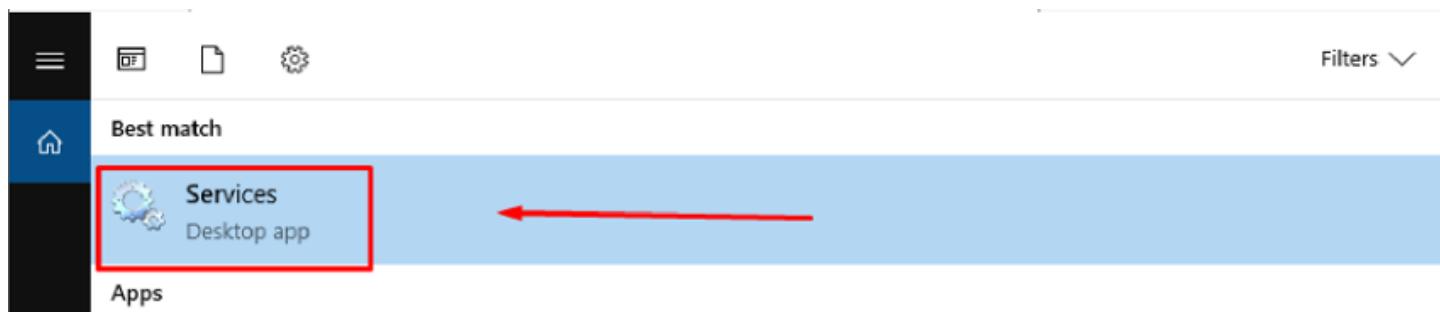


Procedemos a realizar la Instalación de los drivers para la maquina virtual en VMware.



MANUAL TECNICO.

Desactivamos las actualizaciones automáticas.



Buscamos el servicio de Windows Update y lo desactivamos.

Name	Description	Status	Startup Type	Log
Workstation	Creates and...	Running	Automatic	Net
WMI Performance Adapter	Provides pe...		Manual	Loc
Wired AutoConfig	The Wired ...		Manual	Loc
WinHTTP Web Proxy Auto...	WinHTTP i...	Running	Manual	Loc
Windows Update Medic Ser...	Enables rem...		Manual	Loc
Windows Update	Enables the ...	Running	Manual (Trig...	Loc
Windows Time	Maintains d...	Running	Automatic (T...	Loc
Windows Security Service	Windows Se...		Manual	Loc

Path to executable:
C:\Windows\system32\svchost.exe + netsvcs -p

Startup type:

Service status: Stopped

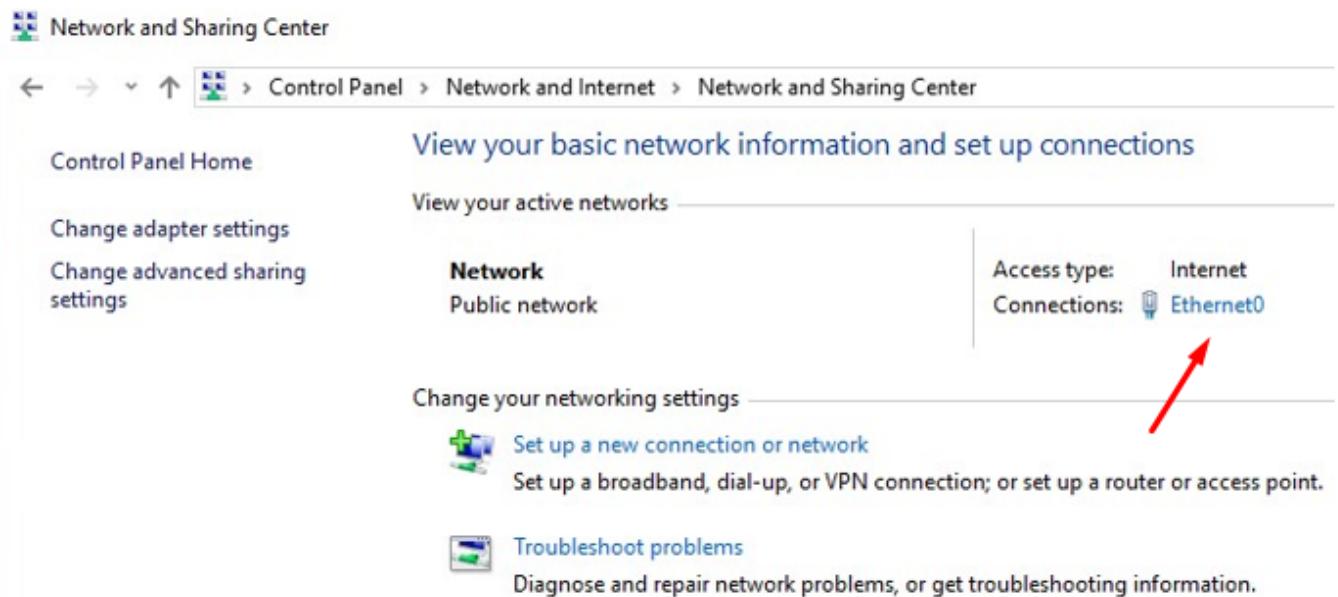
You can specify the start parameters that apply when you start the service from here.

Start parameters:

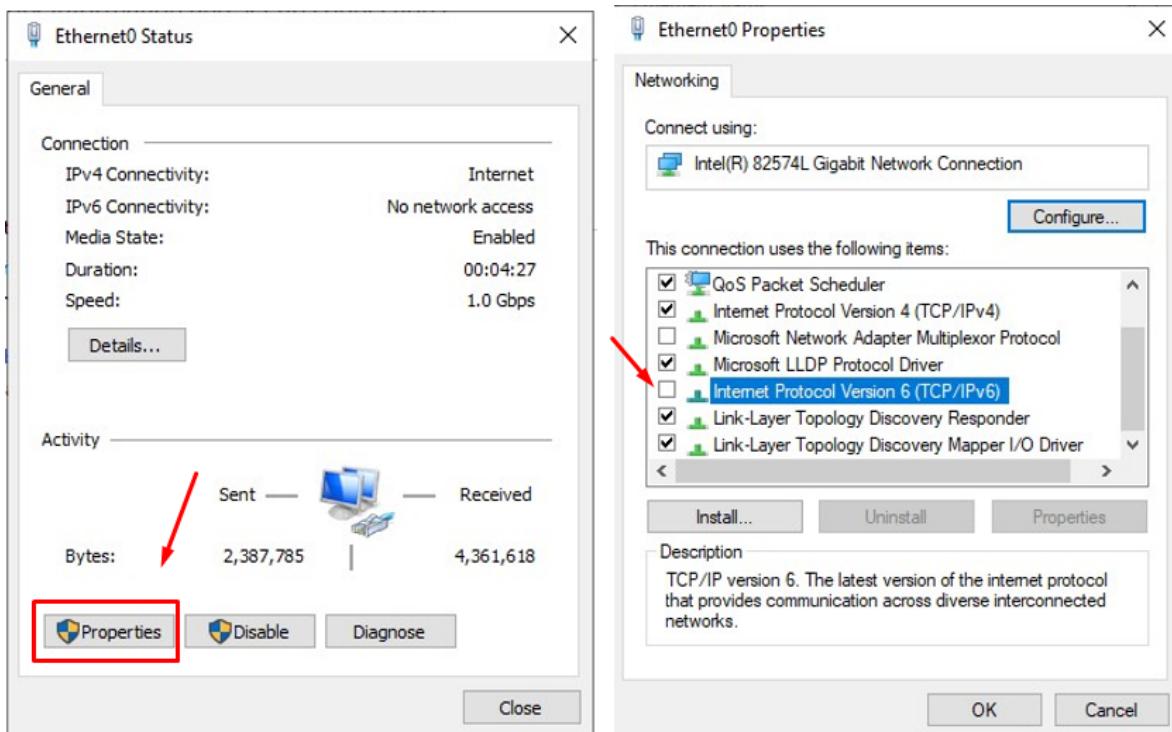


MANUAL TECNICO.

Colocar Dirección IPV4 Fija.



Desactivamos la ip de protocolo versión n° 6.



MANUAL TECNICO.

Colocar Dirección IPV4 Fija N° 192.168.0.255.

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address:

Subnet mask:

Default gateway:

Obtain DNS server address automatically

Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

Validate settings upon exit

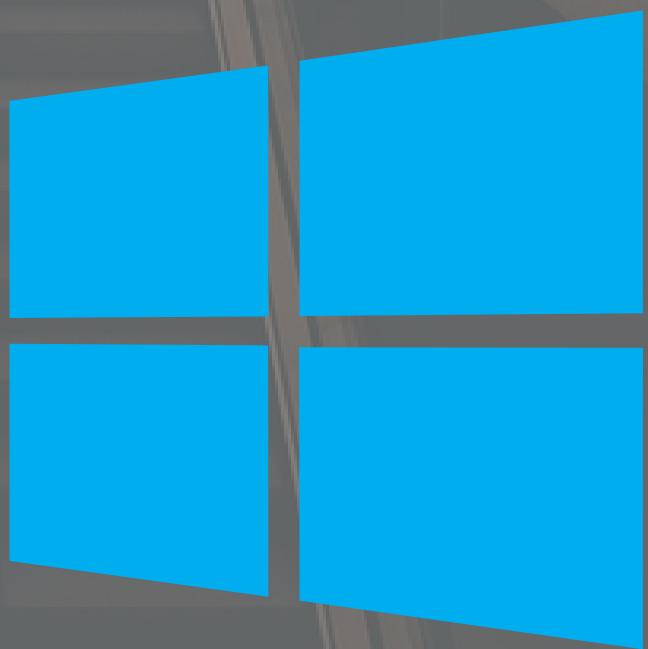




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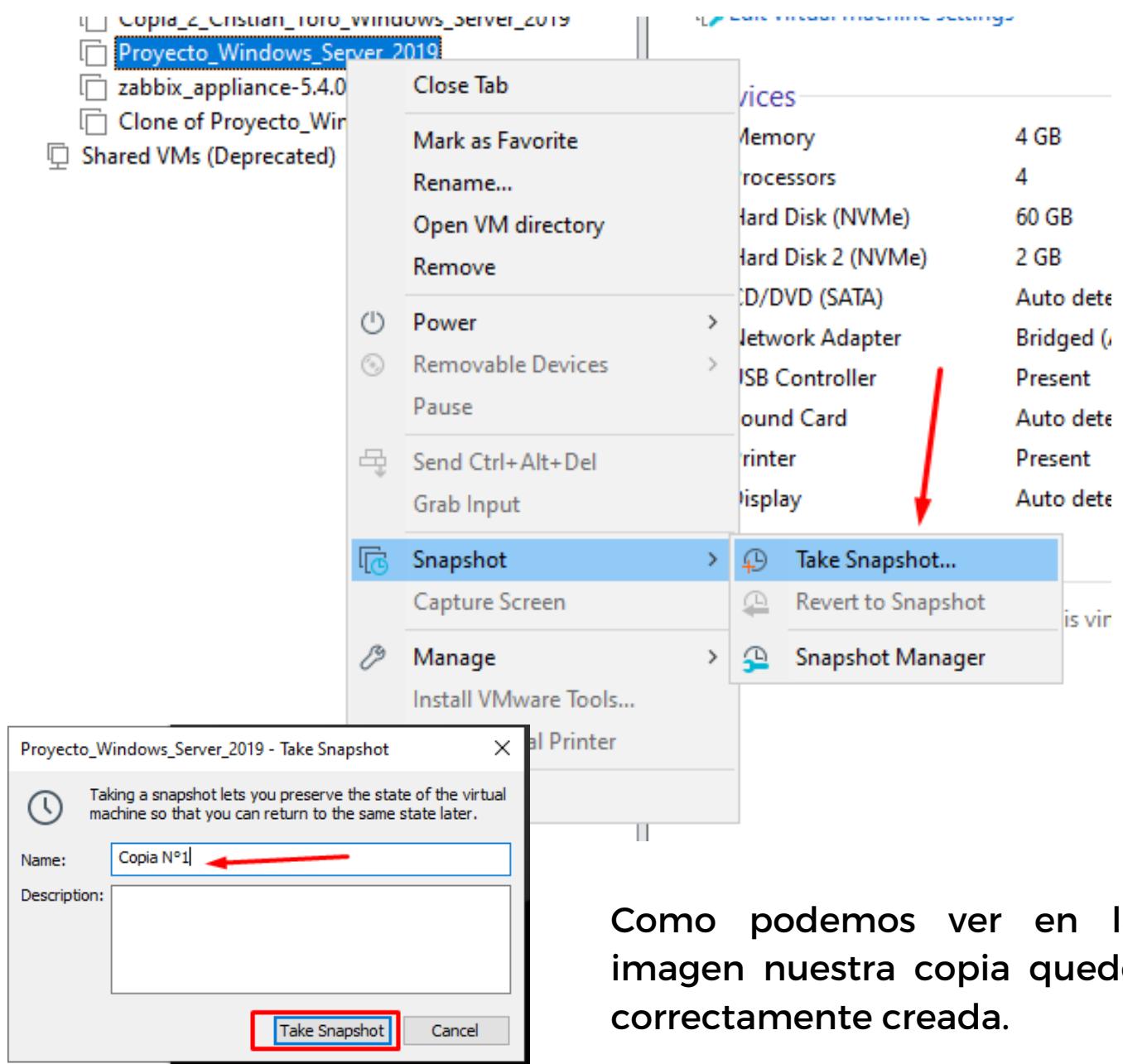
3. Creación De Copias De Seguridad.



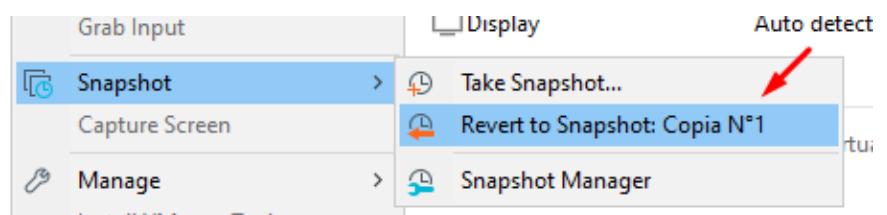
MANUAL TECNICO.

3. CREAR COPIAS DE SEGURIDAD.

Le damos Clic Derecho sobre nuestra máquina virtual y le damos clic donde dice Snapchat. Luego hacemos clic en Take Snapchat.



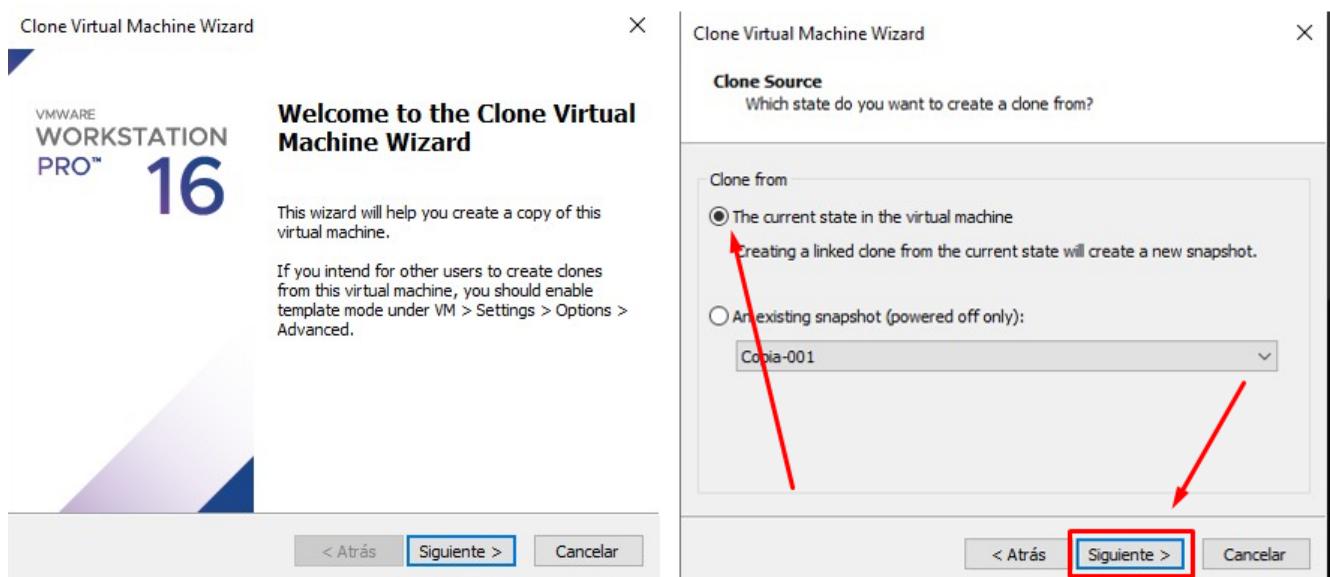
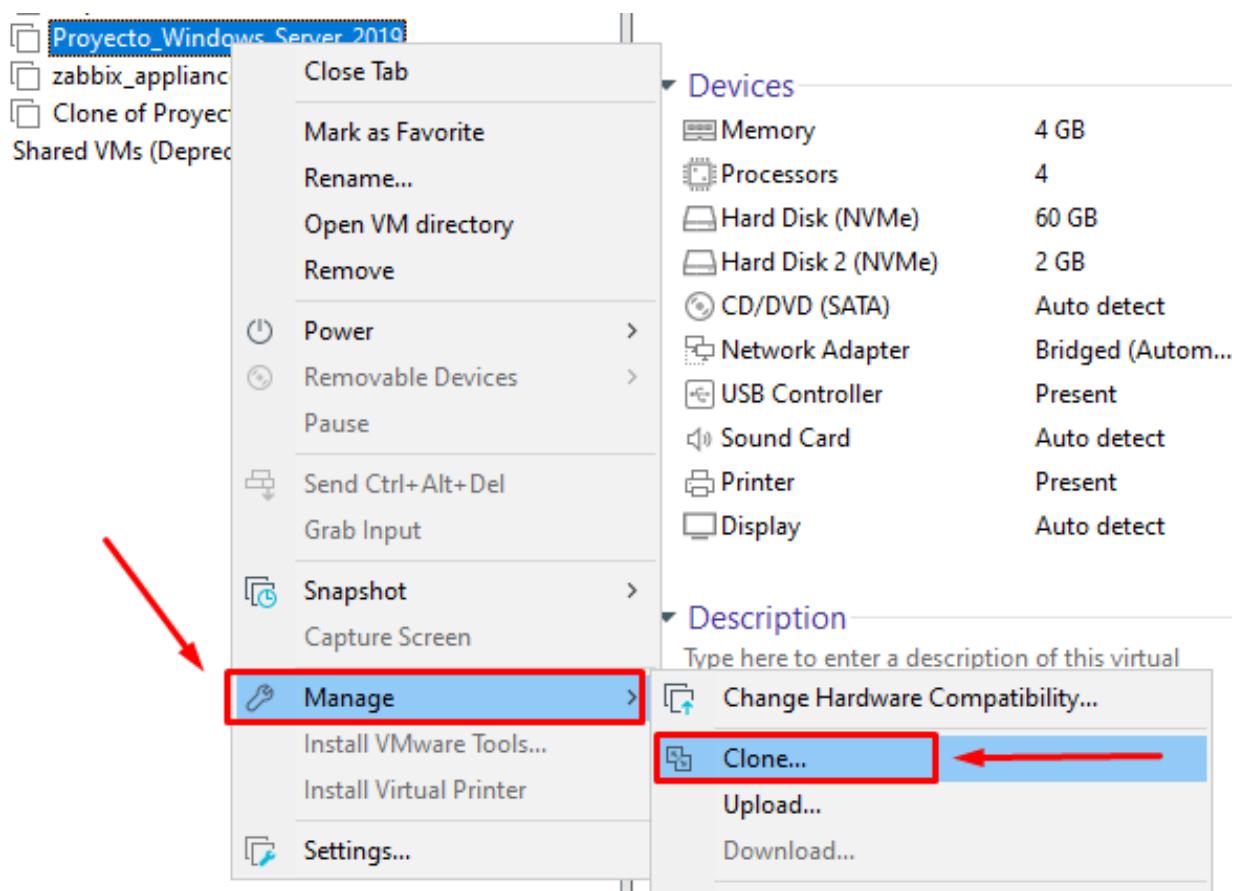
Como podemos ver en la imagen nuestra copia quedó correctamente creada.



MANUAL TECNICO.

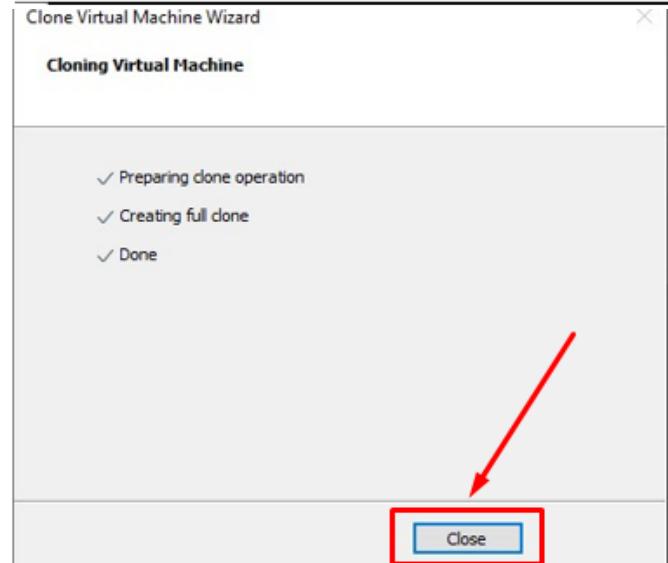
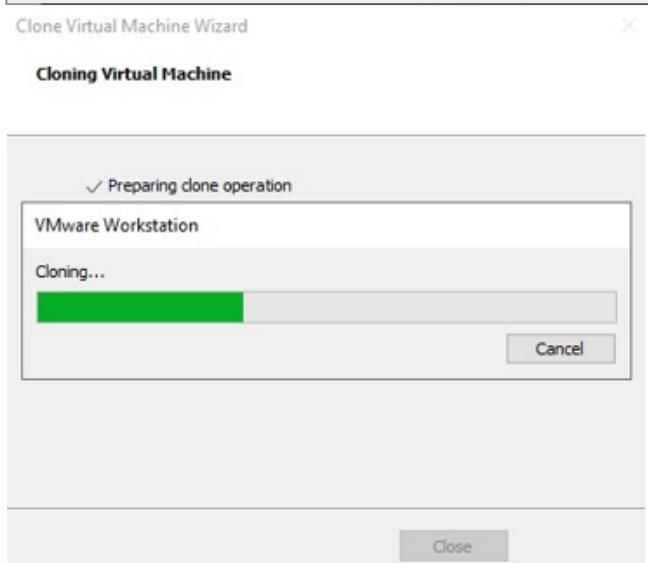
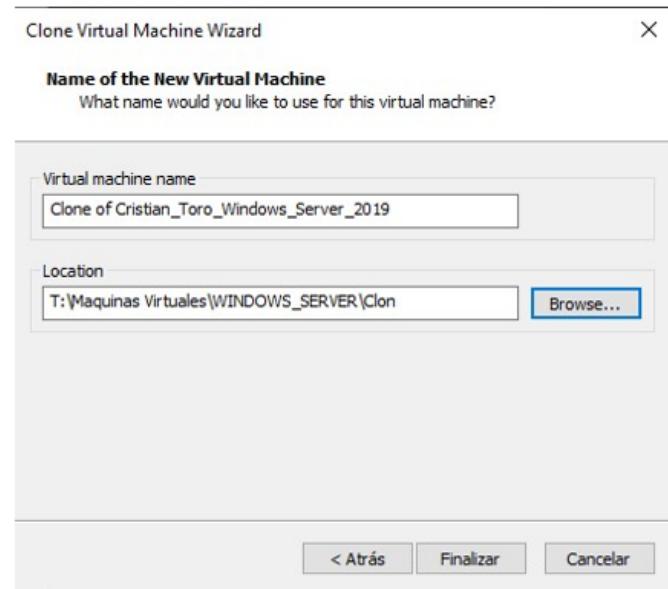
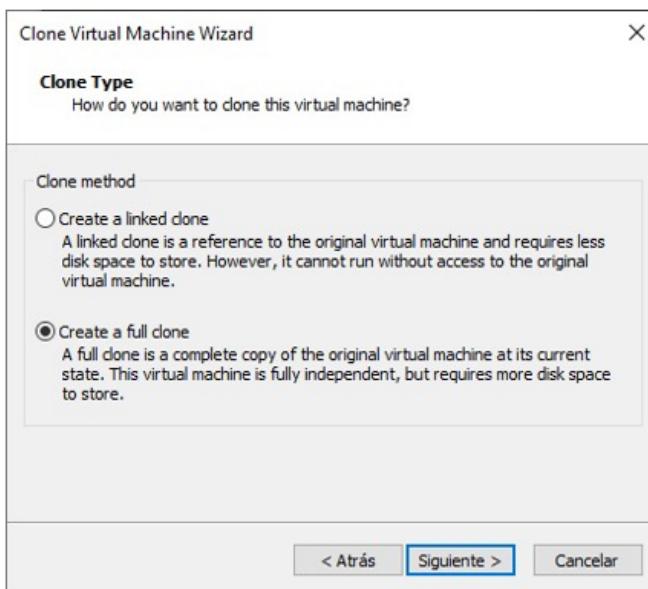
3.1. Clonación De Maquina Virtual.

Para clonar una máquina virtual nos dirigimos en la parte superior a VM>Manage>Clone.



MANUAL TECNICO.

Seleccionamos la ubicación donde se va a guardar el clon y le damos clic en finalizar.



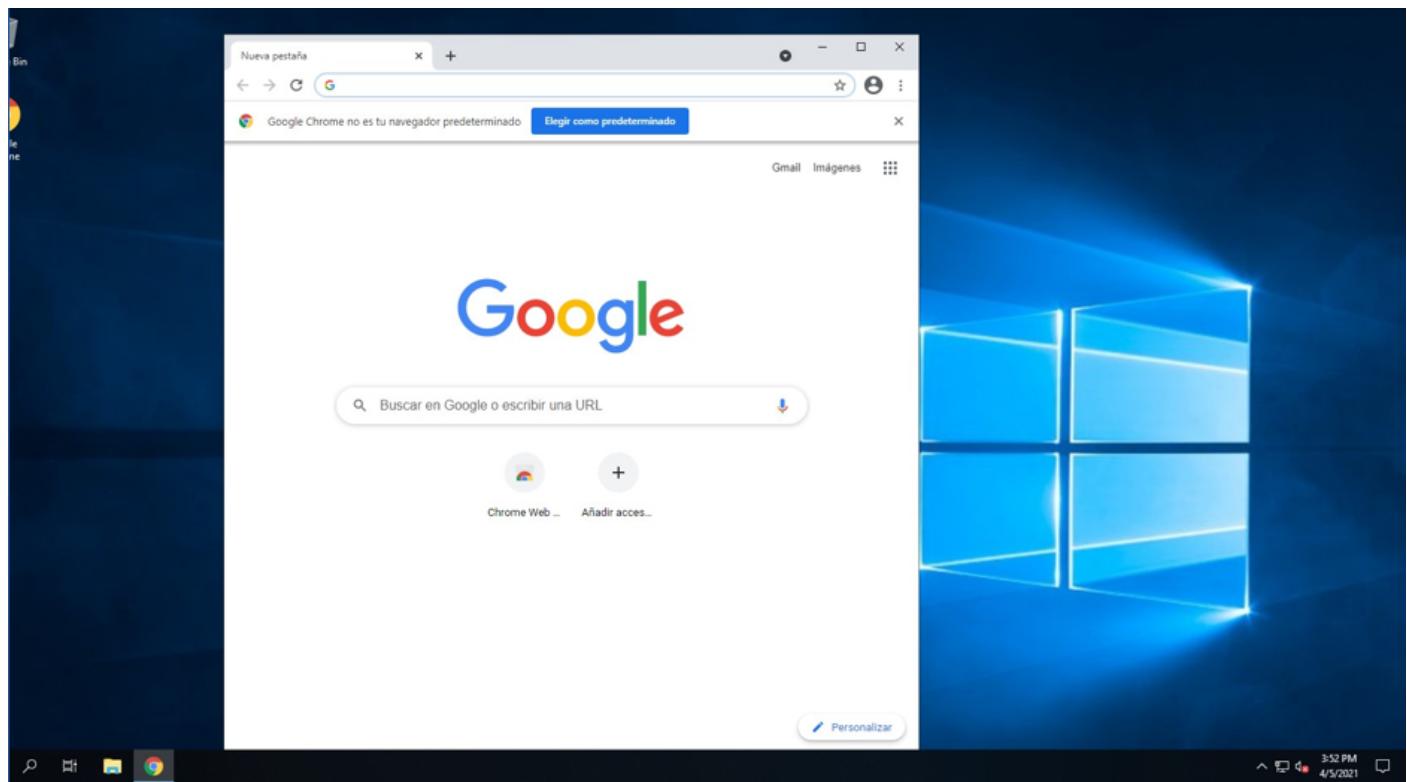
Dejamos la conexión en bridge para que el servidor haga parte de la red.

- Network connection
- Bridged: Connected directly to the physical network
 - Replicate physical network connection state



MANUAL TECNICO.

También se realizó la correcta instalación de google chrome.





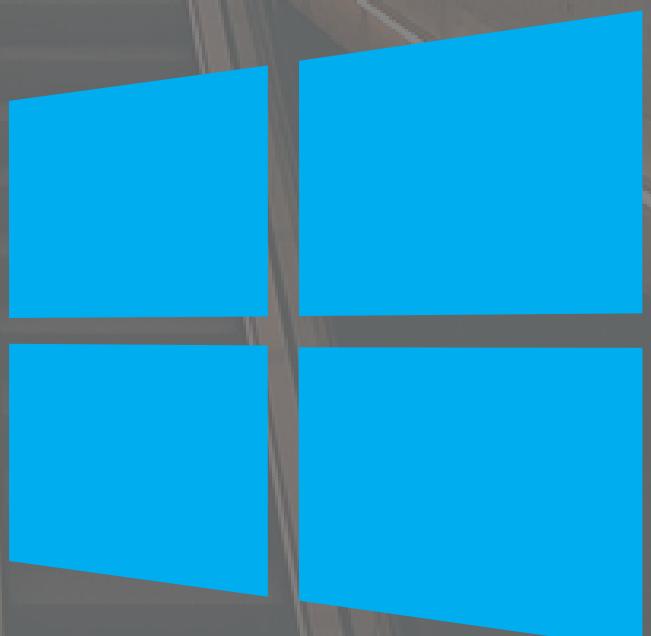
E62-67 Gates



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4. Directorio Activo.

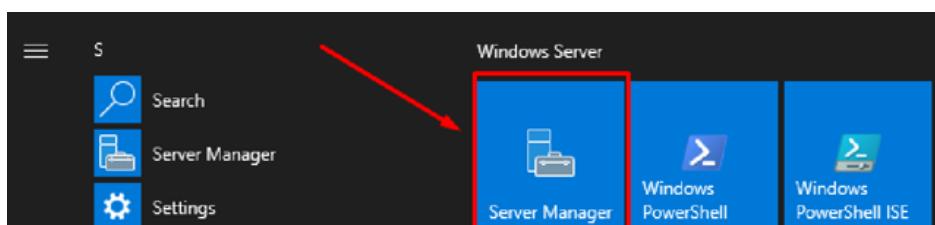


MANUAL TECNICO.

Para instalar un directorio activo debemos iniciar desde la cuenta de administrador además de asignarle una contraseña.

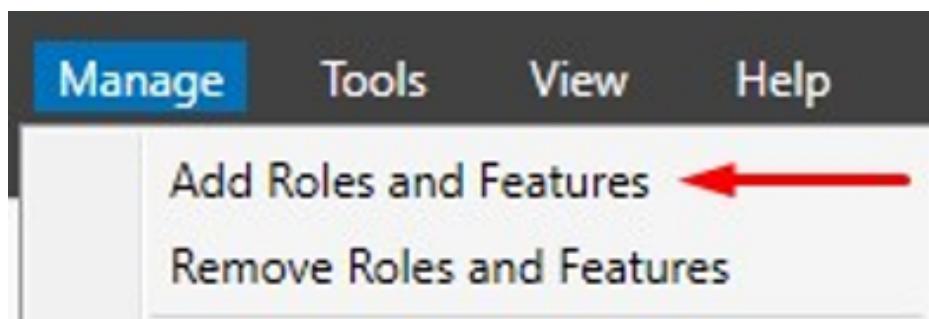


En la cuenta de administrador nos dirigimos a “Server Manager”.



MANUAL TECNICO.

En server manager nos dirigimos a Manage>Add Roles And Features.



Seleccionamos el rol.

Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

Role-based or feature-based installation

Configure a single server by adding roles, role services, and features.

Remote Desktop Services installation

Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

Seleccionamos el único servidor que tenemos.

Select a server or a virtual hard disk on which to install roles and features.

Select a server from the server pool

Select a virtual hard disk

Server Pool

Filter:

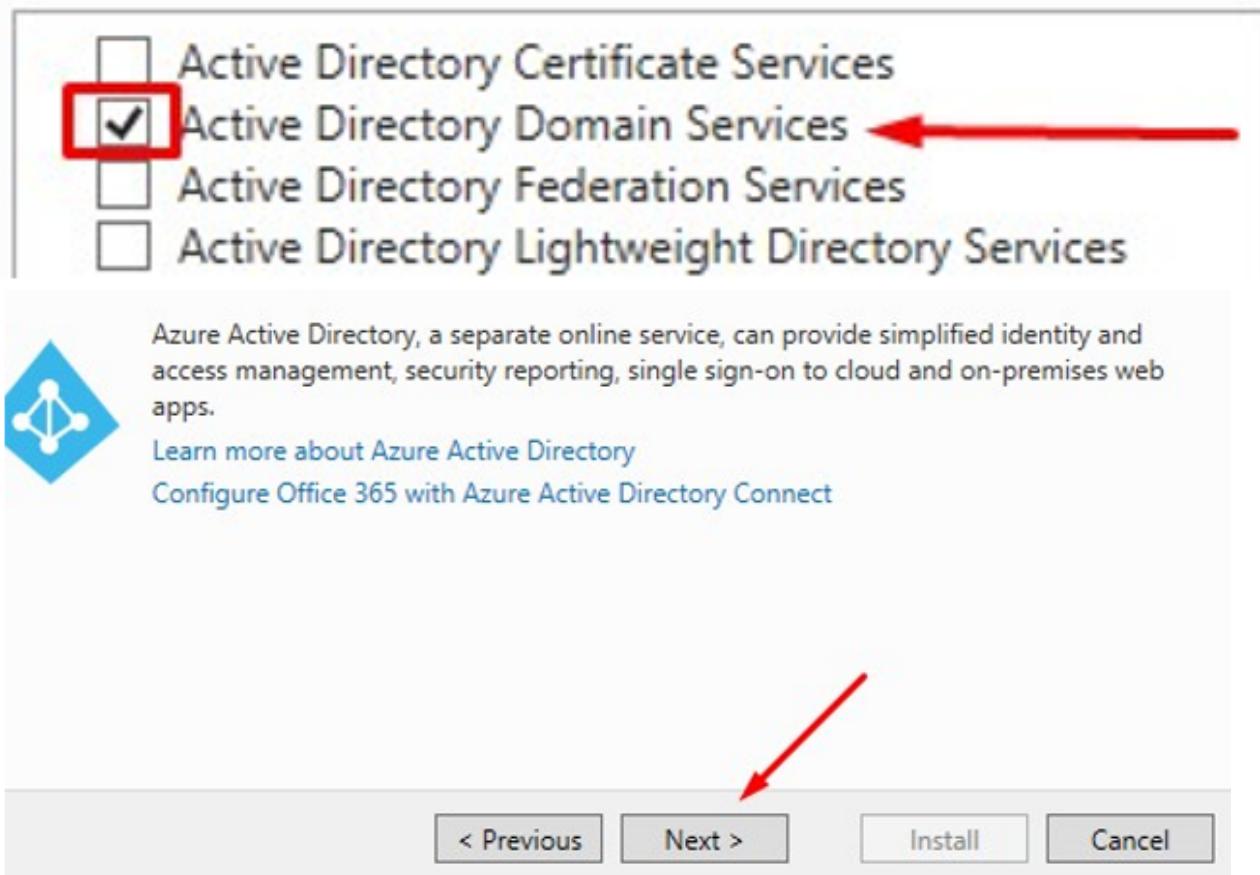
Name	IP Address	Operating System
WIN-N1PENNAE661	192.168.119.178	Microsoft Windows Server 2019 Essentials

MANUAL TECNICO.

Seleccionamos “Active Directory Domain”.

Select one or more roles to install on the selected server.

Roles



Antes de instalar le colocamos “reiniciar si es necesario”.

To install the following roles, role services, or features on selected server, click

- Restart the destination server automatically if required ←

MANUAL TECNICO.

Procedemos con la instalación.

Export configuration settings
Specify an alternate source path

< Previous Next > **Install** Cancel



Una vez finalizado procedemos a instalar el controlador de dominio.

[View installation progress](#)

i Feature installation

Configuration required. Installation succeeded on WIN-N1PENNAE661.

Active Directory Domain Services

Additional steps are required to make this machine a domain controller.

[Promote this server to a domain controller](#)



Hacemos Click en “Add a new forest” y colocamos el nombre a nuestro Dominio.

Select the deployment operation

- Add a domain controller to an existing domain
- Add a new domain to an existing forest
- Add a new forest



Specify the domain information for this operation

Root domain name:

Homecenter.W.C



MANUAL TECNICO.

Colocamos la contraseña a nuestro controlador de dominio.

Specify domain controller capabilities

Domain Name System (DNS) server
 Global Catalog (GC)
 Read only domain controller (RODC)

Type the Directory Services Restore Mode (DSRM) password

Password: (Red arrow points to this field)

Confirm password: (Red arrow points to this field)

Colocamos el nombre a la NetBios.

Verify the NetBIOS name assigned to the domain and change it if necessary

The NetBIOS domain name:

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Nos aparece el lugar donde se guardan los Logs Del DA.

Specify the location of the AD DS database, log files, and SYSVOL

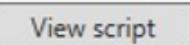
Database folder: C:\Windows\NTDS 

Log files folder: C:\Windows\NTDS 

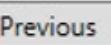
SYSVOL folder: C:\Windows\SYSVOL 

DNS Server: Yes

Create DNS Delegation: No

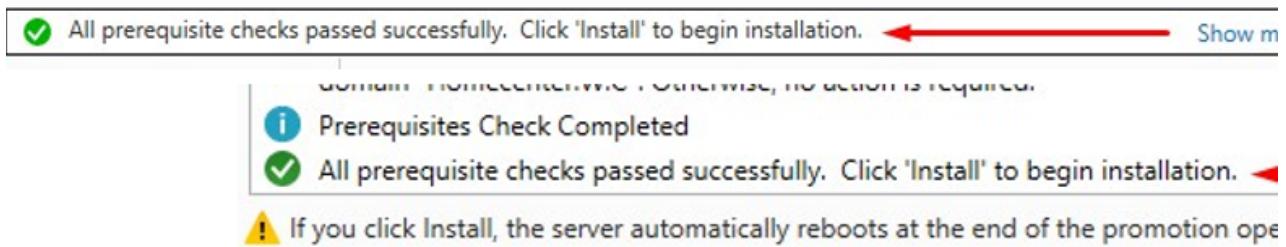
These settings can be exported to a Windows PowerShell script to automate additional installations 

More about installation options 

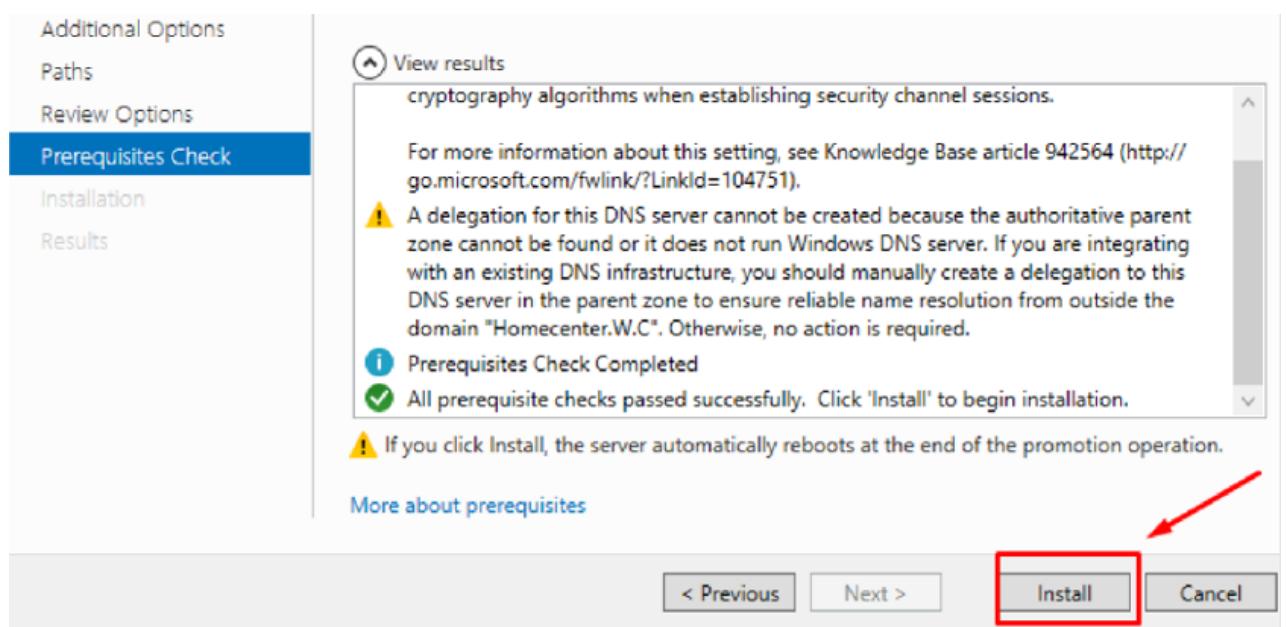
< Previous  Next > Install Cancel

MANUAL TECNICO.

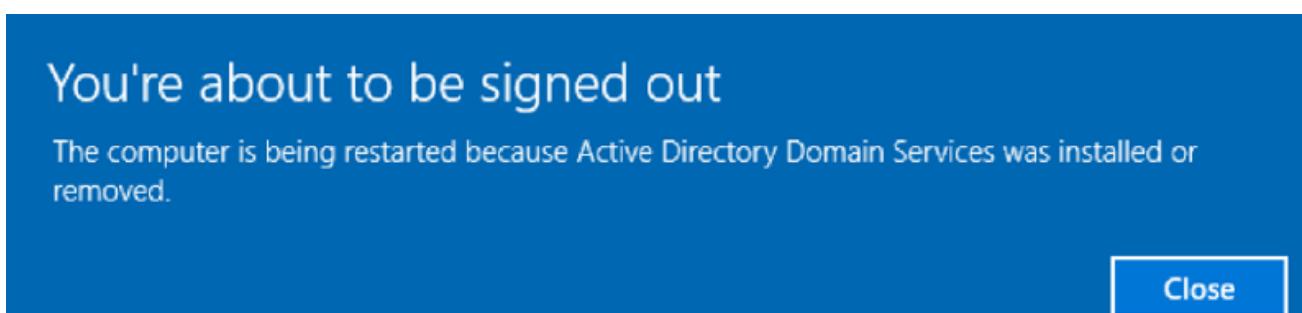
Se hará un chequeo general para detectar algún problema.



Comenzamos a realizar la instalación del controlador del dominio.



Al terminar la instalación se reiniciará automáticamente.



MANUAL TECNICO.



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5. Creación De Grupos Y Usuarios.



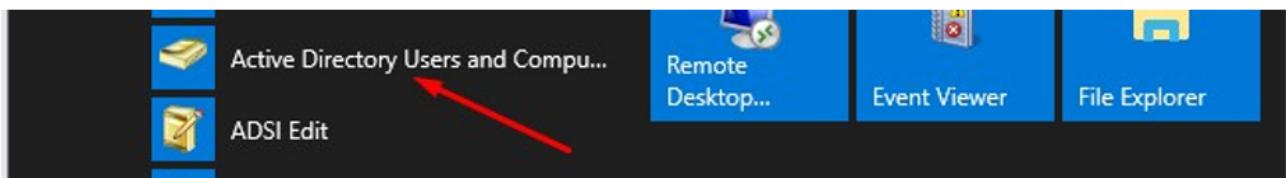
MANUAL TECNICO.

Antes de crear los usuarios hacemos nuestro documento en base al diagrama para el control de usuarios.

*Control-Usuarios.txt: Bloc de notas	
Archivo Edición Formato Ver Ayuda	
Users .	Password
1.G-Proyectos	Sena123
G-Operaciones	Sena123
D-Productividad	Sena123
S-Administrativo	Sena123
Sub-Administrativo	Sena123
A-Caja	Sena123
A-Despacho	Sena123
A-Bodegas	Sena123
A-Compras	Sena123
S-Cliente	Sena123
2.G-Recursos	Sena123
Psicologa	Sena123
Abogado	Sena123
3.Jefe	Sena123
4.M-Equipos	Sena123
Desarrollador	Sena123
Programador	Sena123
T-Infraestructura	Sena123
E-Redes.	Sena123
D-Gráfico	Sena123
5.A-Telefonica	Sena123
A-Proactiva	Sena123
S-Tecnico	Sena123
A-Ventas	Sena123
G-Soporte	Sena123
6.G-Financiero	Sena123
Contador	Sena123
Cajero	Sena123
Distrubidor	Sena123
Vigilante	Sena123

MANUAL TECNICO.

Para crear los usuarios y los grupos y no dirigimos a la herramienta “Active Directory Users and Computers”.



Los usuarios y grupos se deben crear dentro del dominio.



Primero creamos los grupos en base al documento de control de usuarios.

The image shows two windows side-by-side. On the left is the "New Object - Group" dialog from Active Directory. It has fields for "Group name:" (containing "Producción") and "Group name (pre-Windows 2000)" (also containing "Producción"). The "Create in:" dropdown is set to "Homecente". The "Group scope" section has "Global" selected. On the right is a note file titled "*Control-Usuarios.txt: Bloc de notas" with the following content:

Groups.
1. Producción.
2. Recursos Humanos.
3. Direccion.
4. Teleinformatica.
5. Soporte al cliente.
6. Logistica.

Below the note file is a table showing users and their passwords:

Users.	Password
1.G-Proyectos	Sena123
G-Operaciones	Sena123
D-Productividad	Sena123

MANUAL TECNICO.

Hacemos el mismo procedimiento con los demás grupos.

Active Directory Users and Computers

File Action View Help

Active Directory Users and Com > Saved Queries > Homecenter.W.C

Name	Type	Description
Builtin	builtinDomain	
Computers	Container	Default container for up...
ForeignSecu...	Container	Default container for sec...
Managed Se...	Container	Default container for ma...
Users	Container	Default container for up...
Domain Con...	Organizational...	Default container for do...
Direccion	Security Group...	
Logistica	Security Group...	
Producción	Security Group...	
Recursos-H...	Security Group...	
Teleinformat...	Security Group...	



Active Directory Users and Computers

File Action View Help

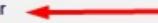
Active Directory Users and Com > Saved Queries > Homecenter.W.C

Delegate Control... Find... Change Domain... Change Domain Controller... Raise domain functional level... Operations Masters...

New All Tasks View Refresh Export List... Properties Help

Creates a new item in this container.

Name	Type	Description
Builtin	builtinDomain	
Computers	Container	Default container for up...
ForeignSecu...	Container	Default container for sec...
Managed Se...	Container	Default container for ma...
Users	Container	Default container for up...
Domain Con...	Organizational...	Default container for do...
Direccion	Security Group...	
Logistica	Security Group...	
Producción	Security Group...	
Recursos-H...	Security Group...	
Teleinformat...	Security Group...	



MANUAL TECNICO.

Creamos cada uno de los usuarios en base al documento de control de usuarios.

The screenshot shows the 'New Object - User' dialog box on the left and a 'Groups' window on the right.

New Object - User Dialog Box:

- Create in: Homecenter.W.C/
- First name: G-Proyectos (highlighted with a red box)
- Initials: [empty]
- Last name: [empty]
- Full name: G-Proyectos
- User logon name: G-Proyectos (highlighted with a red box) → @Homecenter.W.C
- User logon name (pre-Windows 2000): HOMECENTER\G-Proyectos

Groups Window:

Groups	Users	Password
1. Producción.	1.G-Proyectos	Sena123
2. Recursos Humanos.	G-Operaciones	Sena123
3. Direccion.	D-Productividad	Sena123
4. Teleinformatica.	S-Administrativo	Sena123
5. Soporte al cliente.	Sub-Administrativo	Sena123
6. Logistica.	A-Caja	Sena123
	A-Despacho	Sena123
	A-Bodegas	Sena123

A red arrow points from the 'User logon name' field in the dialog box to the 'Users' column in the 'Groups' window, indicating the association between the two.

Colocamos la contraseña y seleccionamos “User cannot change password” esto hará que el usuario no pueda cambiar la contraseña en algún momento.

The screenshot shows the 'New Object - User' dialog box with the 'Password' and 'Confirm password' fields filled with '*****' (highlighted with red arrows). A red arrow also points to the 'User cannot change password' checkbox, which is checked.

New Object - User Dialog Box:

- Create in: Homecenter.W.C/
- Password: ***** (highlighted with a red box)
- Confirm password: ***** (highlighted with a red box)
- User must change password at next logon
- User cannot change password (highlighted with a red box)
- Password never expires
- Account is disabled

Buttons: < Back, Next >, Cancel

MANUAL TECNICO.

Realizamos el mismo procedimiento para los demás usuarios.

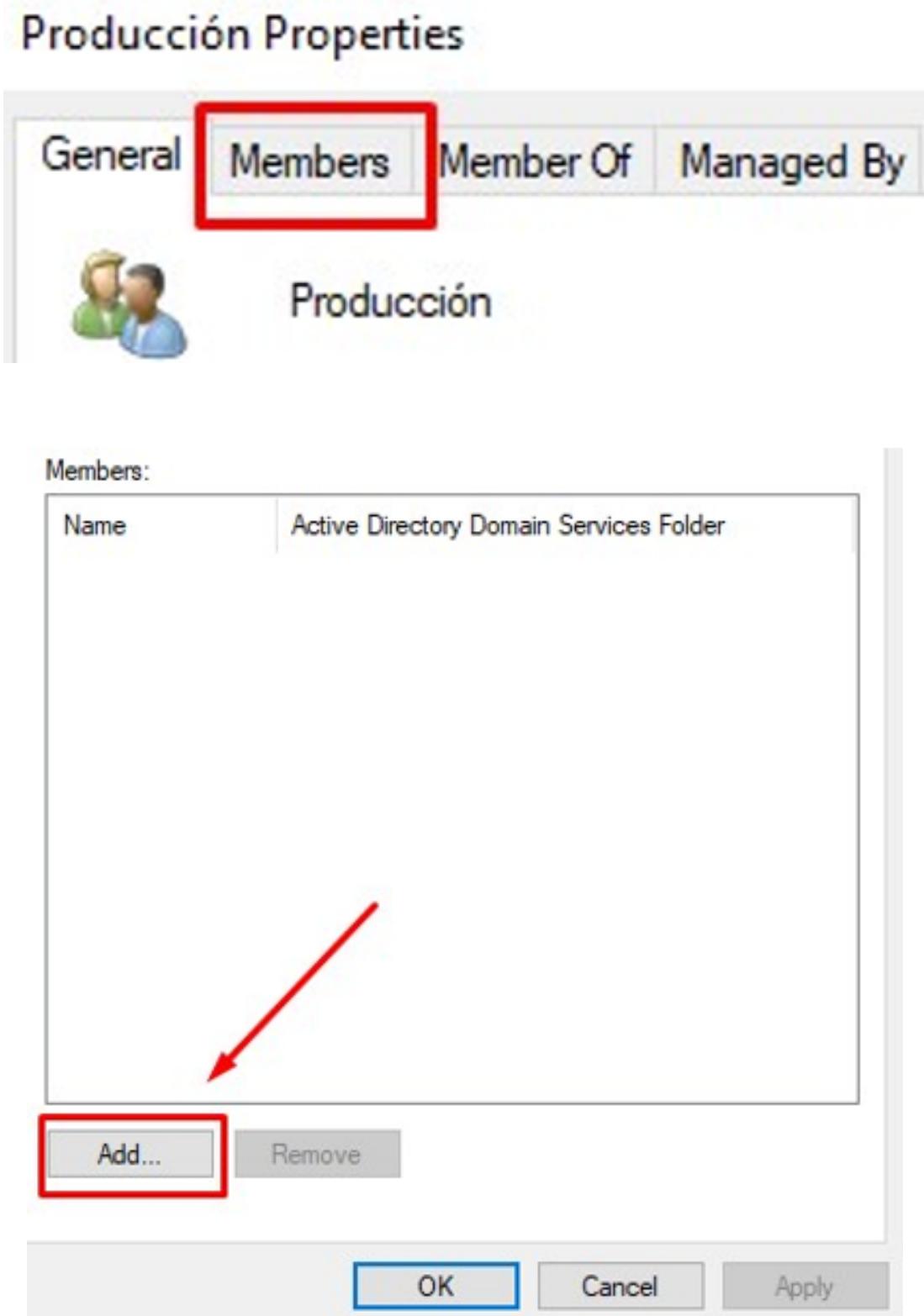
The screenshot displays two windows side-by-side. On the left is the 'Active Directory Users and Computers' management console. The left pane shows a tree structure with 'Active Directory Users and Computers' selected. The right pane lists users in a table format, with the entire list highlighted by a red rectangular box. On the right is a text editor window titled 'Control-Usuarios.txt: Bloc de n...'. The file contains a list of users and their corresponding passwords, organized into sections. The data is as follows:

	Name	Type	Password
1.G-Proyectos	G-Operacion...	User	Sena123
	D-Productivi...	User	Sena123
	S-Administrativ...	User	Sena123
	Sub-Administrativo		Sena123
	A-Caja	User	Sena123
	A-Despacho	User	Sena123
	A-Bodegas	User	Sena123
	A-Compras	User	Sena123
	S-Cliente	User	Sena123
2.G-Recursos	G-Recursos	User	Sena123
	Psicologa	User	Sena123
	Abogado	User	Sena123
3.Jefe	Jefe	User	Sena123
4.M-Equipos	M-Equipos	User	Sena123
	Desarrollador	User	Sena123
	Programador	User	Sena123
	T-Infraestructura		Sena123
	E-Redes.		Sena123
	D-Gráfico		Sena123
5.A-Telefonica	A-Telefonica	User	Sena123
	A-Proactiva	User	Sena123
	S-Tecnico	User	Sena123
	A-Ventas	User	Sena123
	G-Soporte	User	Sena123
6.G-Financiero	G-Financiero	User	Sena123
	Contador	User	Sena123
	Cajero	User	Sena123
	Distrubidor	User	Sena123
	Vigilante	User	Sena123

MANUAL TECNICO.

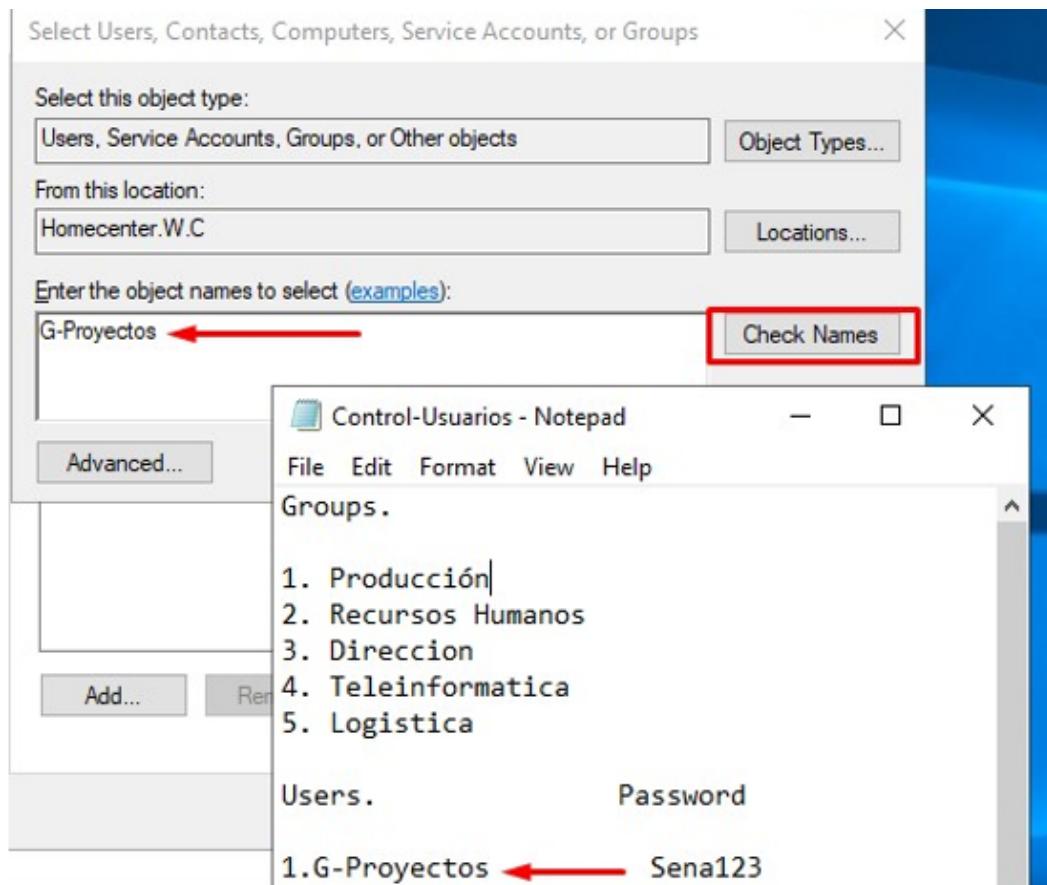
5.1. Relación entre usuarios y grupos.

Para relacionar los usuarios con cada uno de los grupos nos dirigimos a las propiedades del mismo “Members>add”..

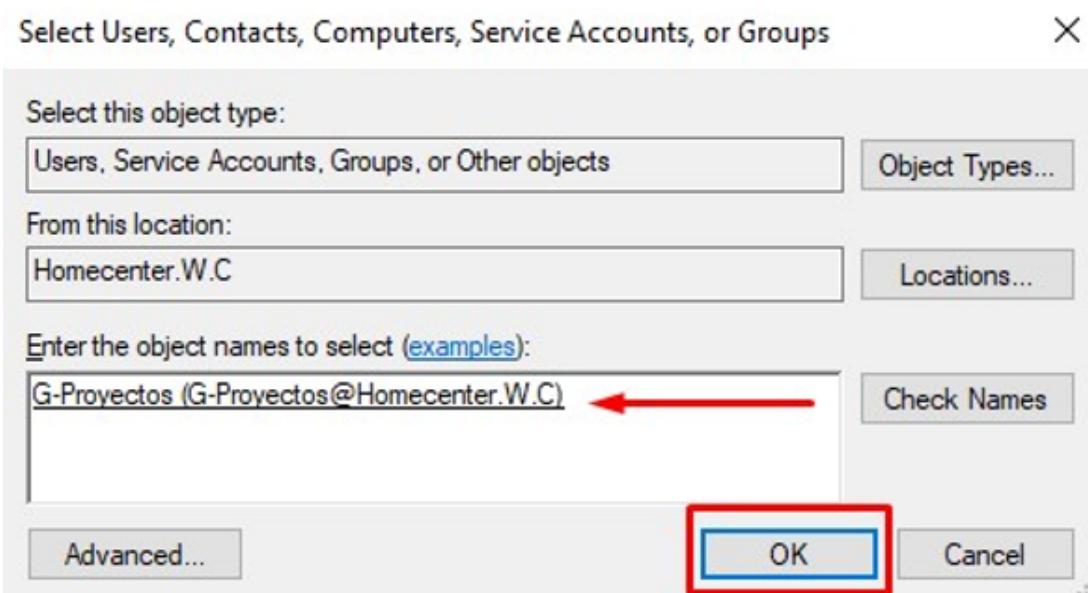


MANUAL TECNICO.

Chequeamos el nombre del usuario para saber si ya está creado.

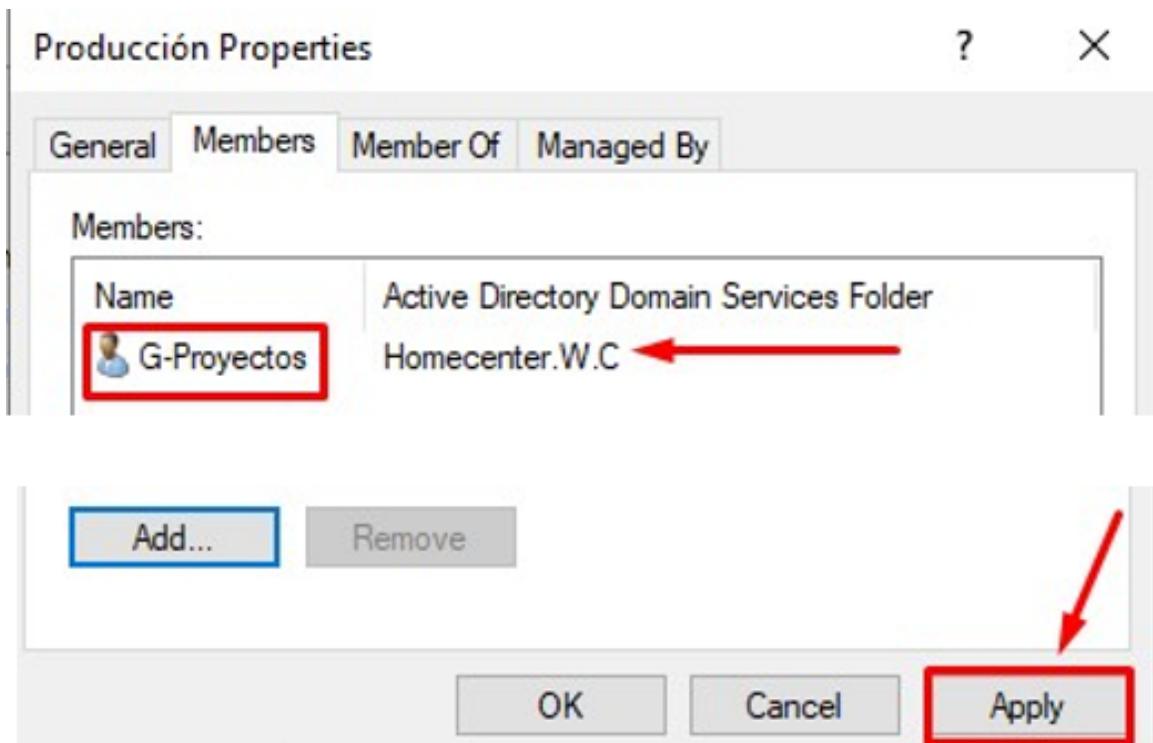


Nos aparecerá el nombre junto al dominio y procedemos a darle el ok.



MANUAL TECNICO.

Comprobamos que el grupo este agregado y le damos en aplicar.



The screenshot shows the 'Producción Properties' dialog box with the 'Members' tab selected. A red box highlights the 'Members' tab. Below it, the 'Members:' list shows multiple entries, each with a user icon, name, and Active Directory Domain Services Folder. A red box highlights this list. A red arrow points to the 'OK' button at the bottom right of the dialog.

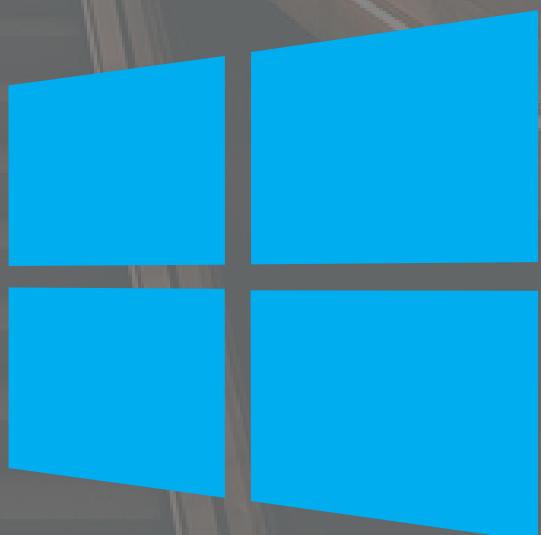
Name	Active Directory Domain Services Folder
A-Bodegas	Homecenter.W.C
A-Caja	Homecenter.W.C
A-Compras	Homecenter.W.C
A-Despacho	Homecenter.W.C
D-Productividad	Homecenter.W.C
G-Operaciones	Homecenter.W.C
G-Proyectos	Homecenter.W.C
S-Administrativo	Homecenter.W.C
S-Cliente	Homecenter.W.C

Realizamos el mismo procedimiento con los demás grupos.

HOMECENTER.

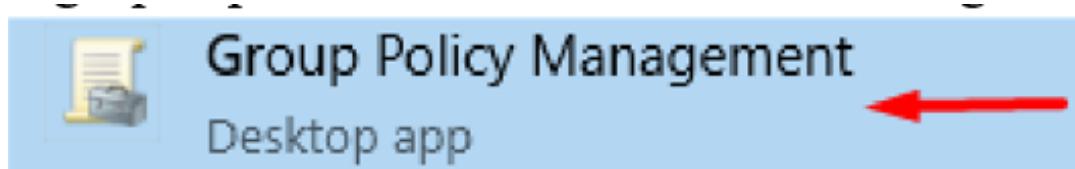
HOMECENTER

6. Creación de
GPO a los Grupos
para el inicio de
sesión.



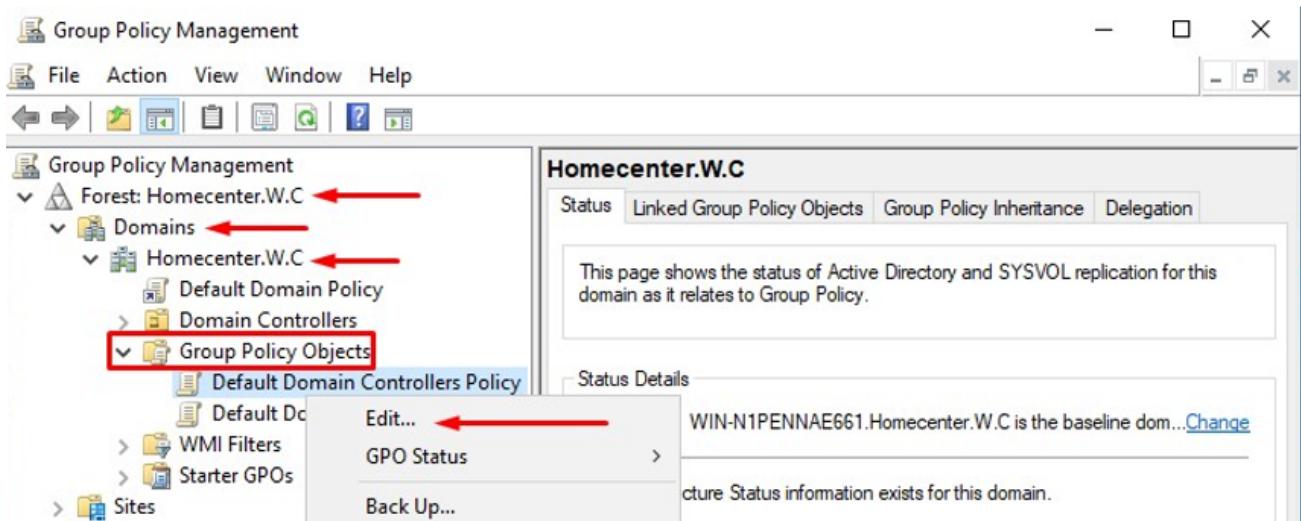
MANUAL TECNICO.

Para crear las Gpo de los grupos para el inicio de sesión nos dirigimos a “Group policy”



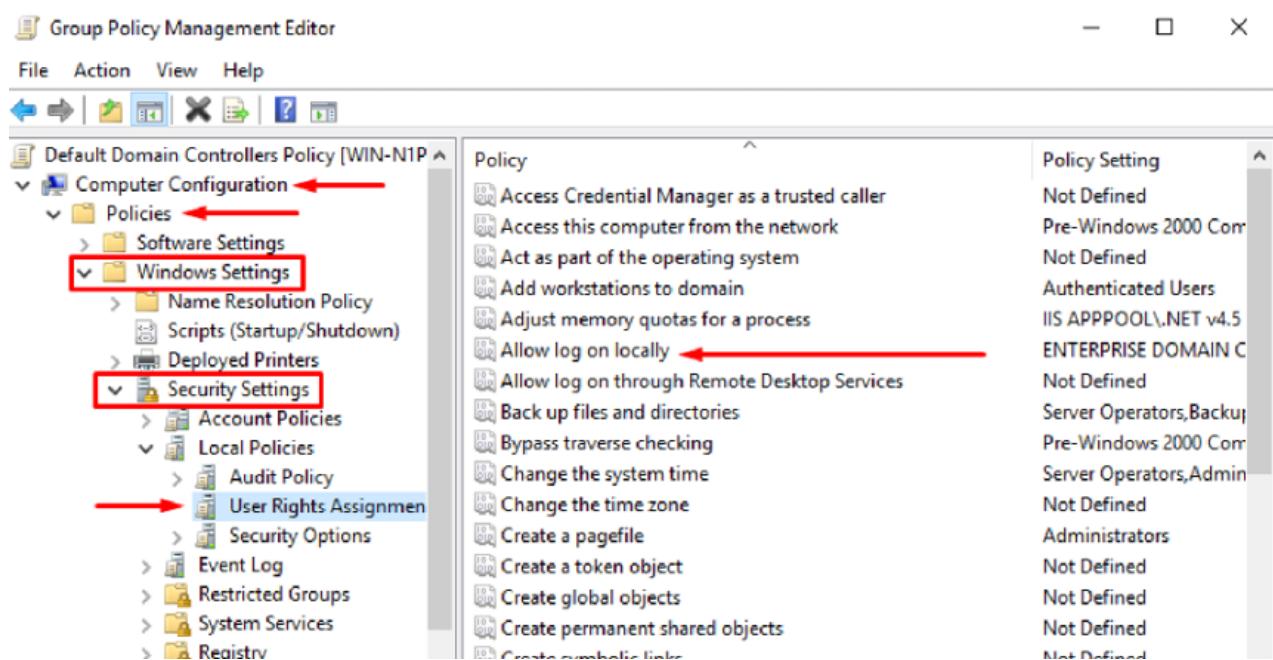
Una vez en group policy nos dirigimos a la ruta de “Forest:

Homecenter.W.C>Domains>Homecenter.W.C>Group Policy Objects>Default Domain Controllers Policy>Edit”

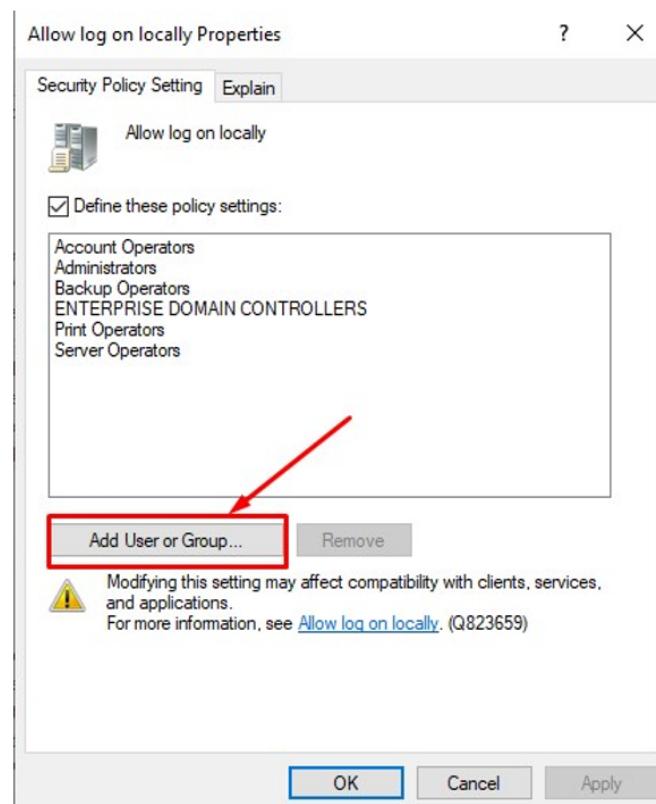


MANUAL TECNICO.

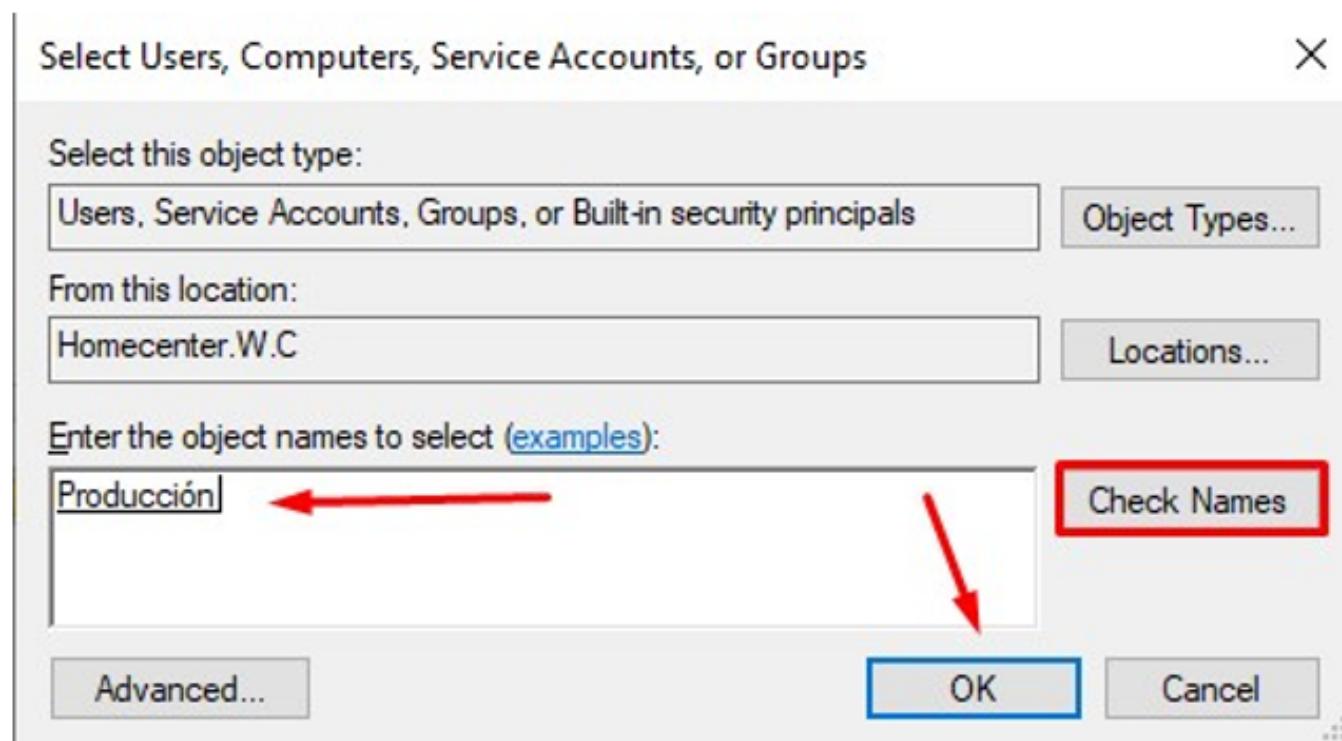
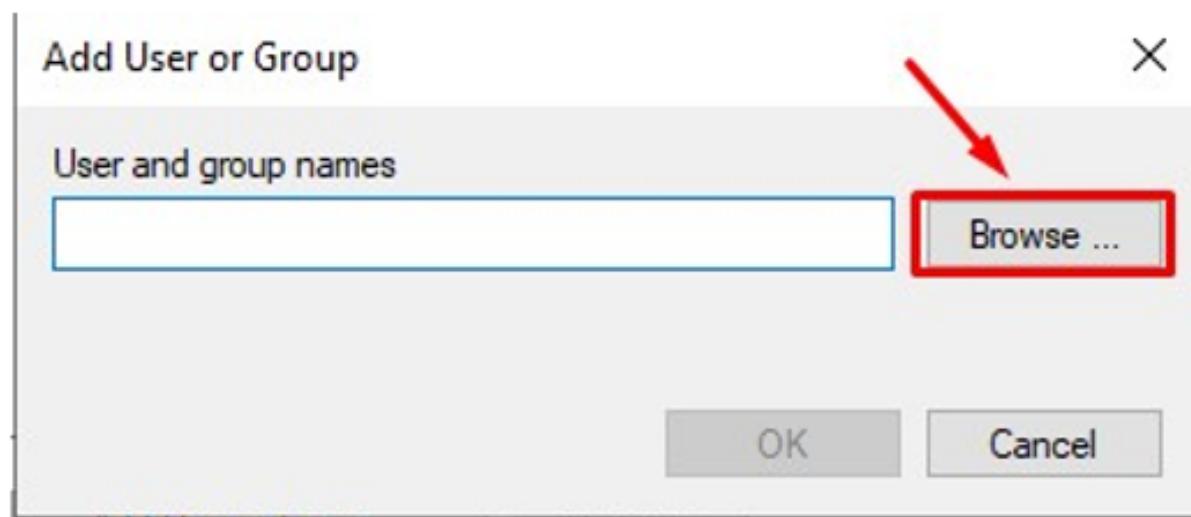
Ahora nos dirigimos a “Computer Configuration>Windows Settings>Security Settings>User Rights Assignment>Allow log on locally”



Dentro de las propiedades de la política le damos click en “Add User or Groups”



MANUAL TECNICO.

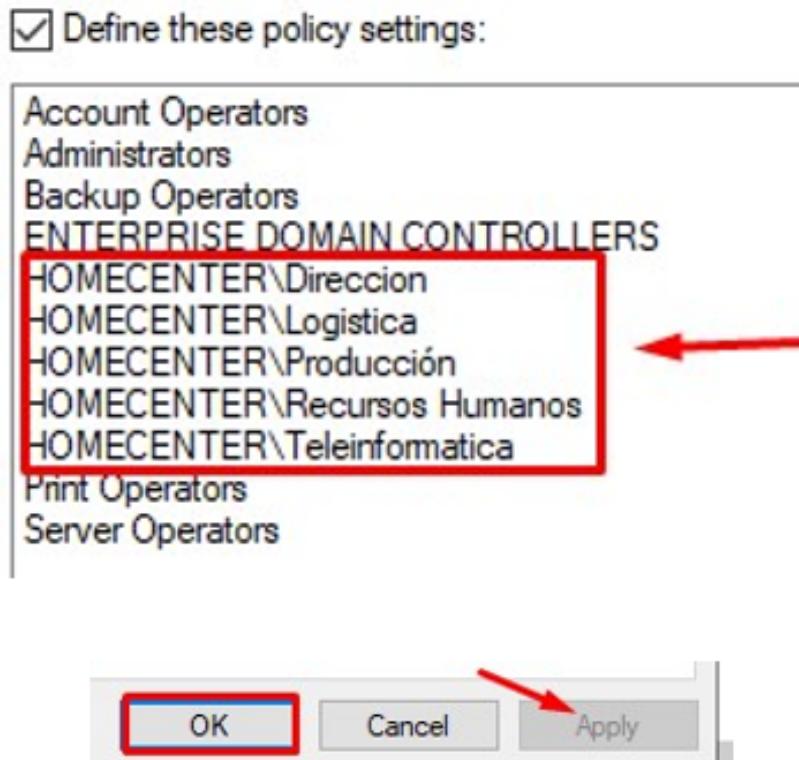


Define these policy settings:

- Account Operators
- Administrators
- Backup Operators
- ENTERPRISE DOMAIN CONTROLLERS**
- HOMECENTER\Producción** ← (highlighted with a red arrow)
- Print Operators
- Server Operators

MANUAL TECNICO.

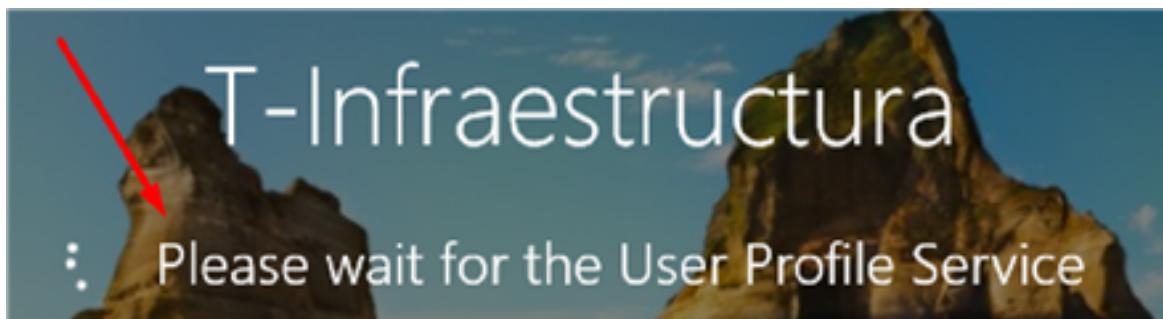
Ahora agregamos el resto de grupos.



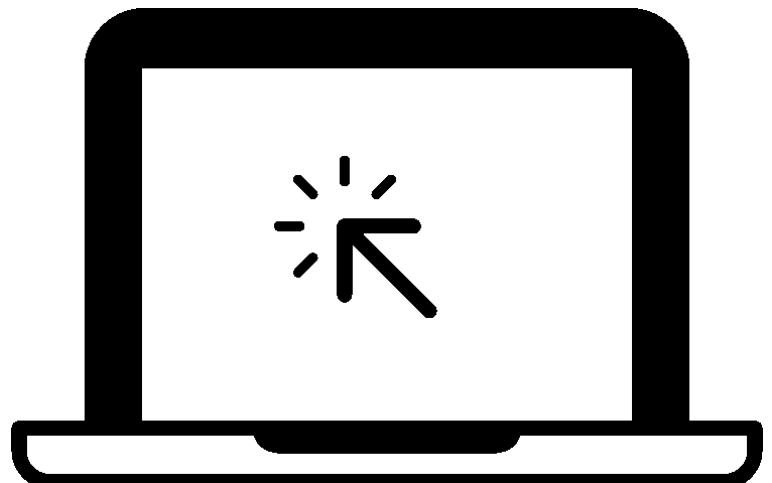
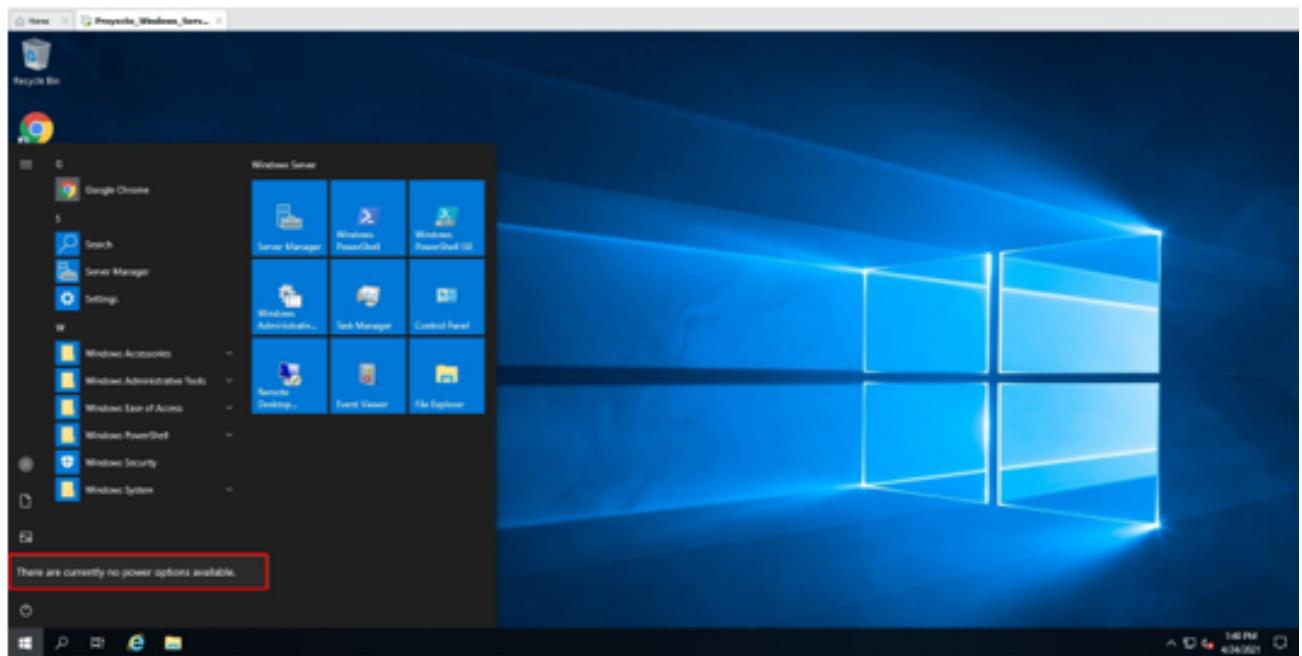
Solo nos queda comprobar que podamos ingresar a cualquier usuario que creamos anteriormente.



MANUAL TECNICO.



Como podemos observar no tuvimos ningún inconveniente al entrar al usuario “Infraestructura”.





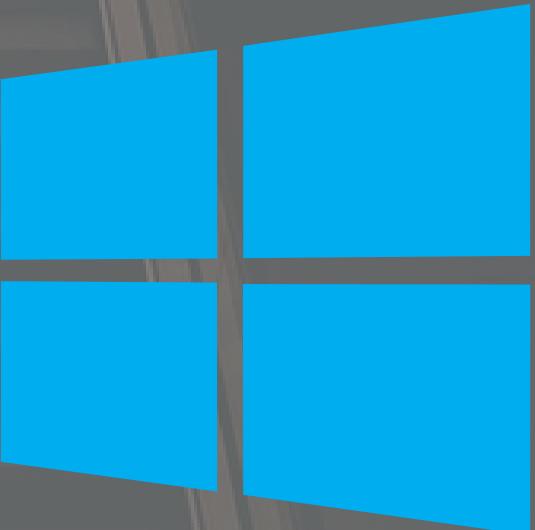
E62-67 Gates



HOMECENTER.

HOMECENTER

7. Instalación de IIS

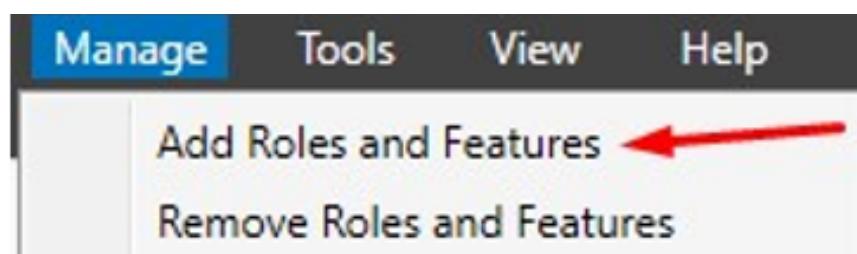


MANUAL TECNICO.

Primeramente nos dirigimos al server manager.



En server manager nos dirigimos a Manage>Add Roles And Features.



Seleccionamos el rol.

Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

Role-based or feature-based installation

Configure a single server by adding roles, role services, and features.

Remote Desktop Services installation

Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

Seleccionamos el único servidor que tenemos.

Select a server or a virtual hard disk on which to install roles and features.

Select a server from the server pool

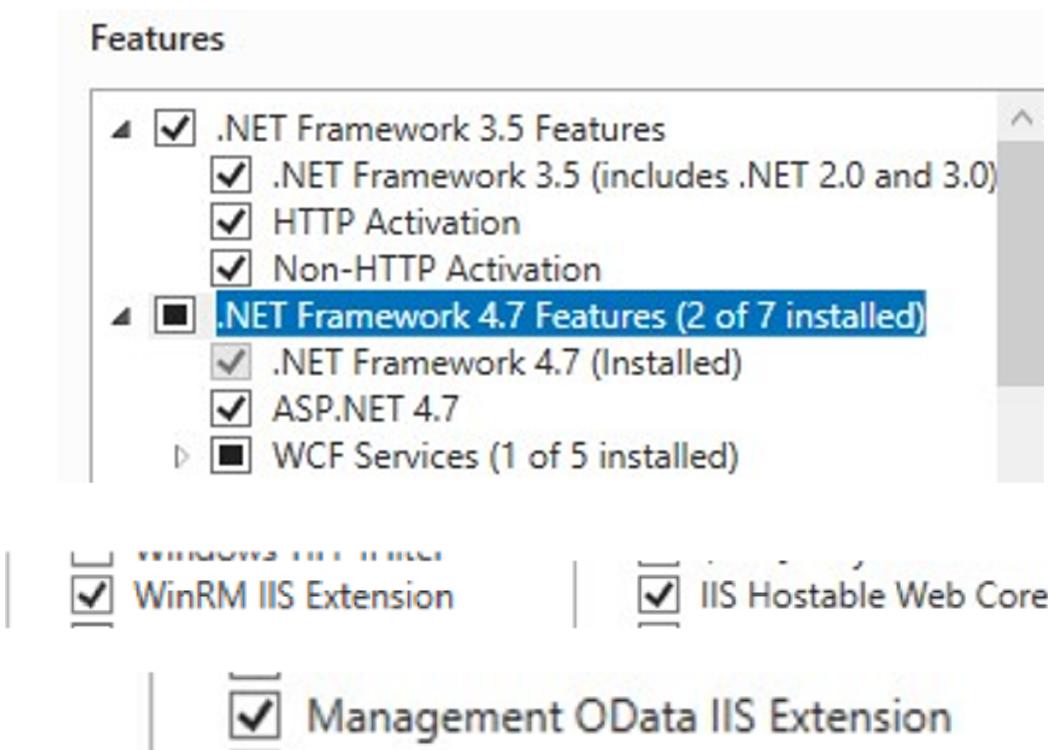
Select a virtual hard disk

Agregamos el Servicio de “Web Server IIS”.

- Remote Desktop Services
- Volume Activation Services
- Web Server (IIS)
- Windows Deployment Services
- Windows Server Update Services

MANUAL TECNICO.

Seleccionamos a cada uno de los Frameworks y extensiones para no tener ningún tipo de problema con la compatibilidad.



Seleccionamos a cada uno de los Frameworks para no tener ningún tipo de compatibilidad

Select role services

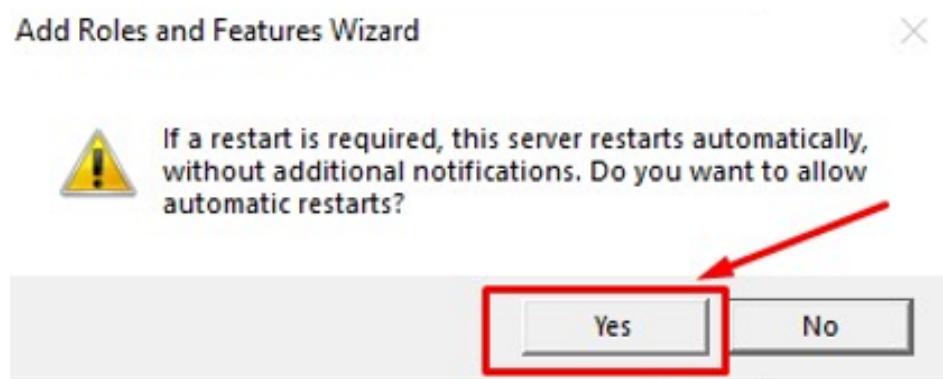
The screenshot shows the 'Select role services' step of a wizard. On the left, a navigation pane lists: 'Before You Begin', 'Installation Type', 'Server Selection', 'Server Roles', 'Features', 'Web Server Role (IIS)', 'Role Services' (which is highlighted in blue), 'Confirmation', and 'Results'. The main pane is titled 'Select the role services to install for Web Server (IIS)'. It contains a 'Role services' section with a large red box around the list of checked services. The services listed are: Web Server, Common HTTP Features (with sub-options: Default Document, Directory Browsing, HTTP Errors, Static Content, HTTP Redirection, WebDAV Publishing), Health and Diagnostics (with sub-options: HTTP Logging, Custom Logging, Logging Tools, ODBC Logging, Request Monitor, Tracing), Performance (with sub-options: Static Content Compression, Dynamic Content Compression), and Security.

MANUAL TECNICO.

Dejamos que se reinicie en caso de que sea necesario.

Restart the destination server automatically if required

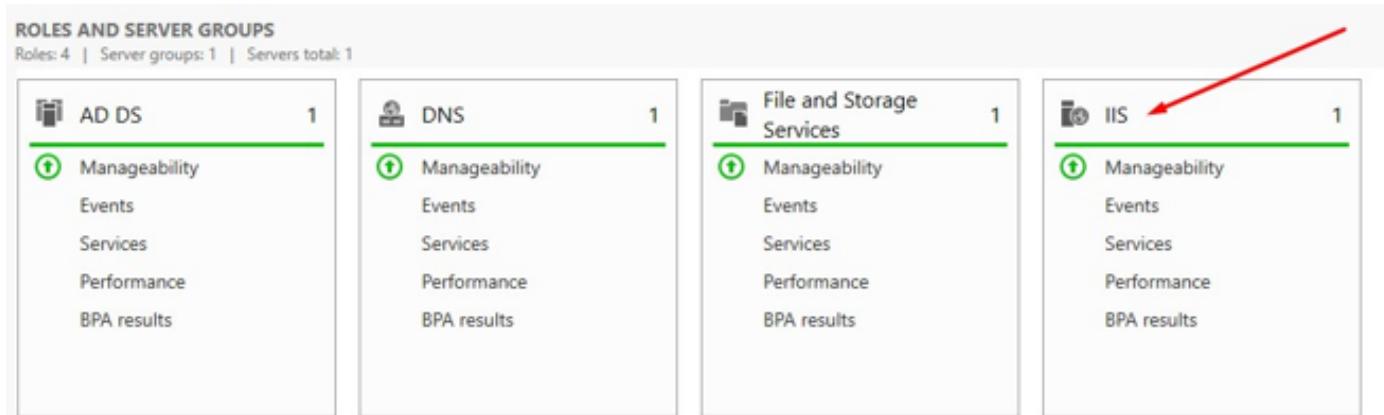
Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.



Comenzará a realizar la instalación.



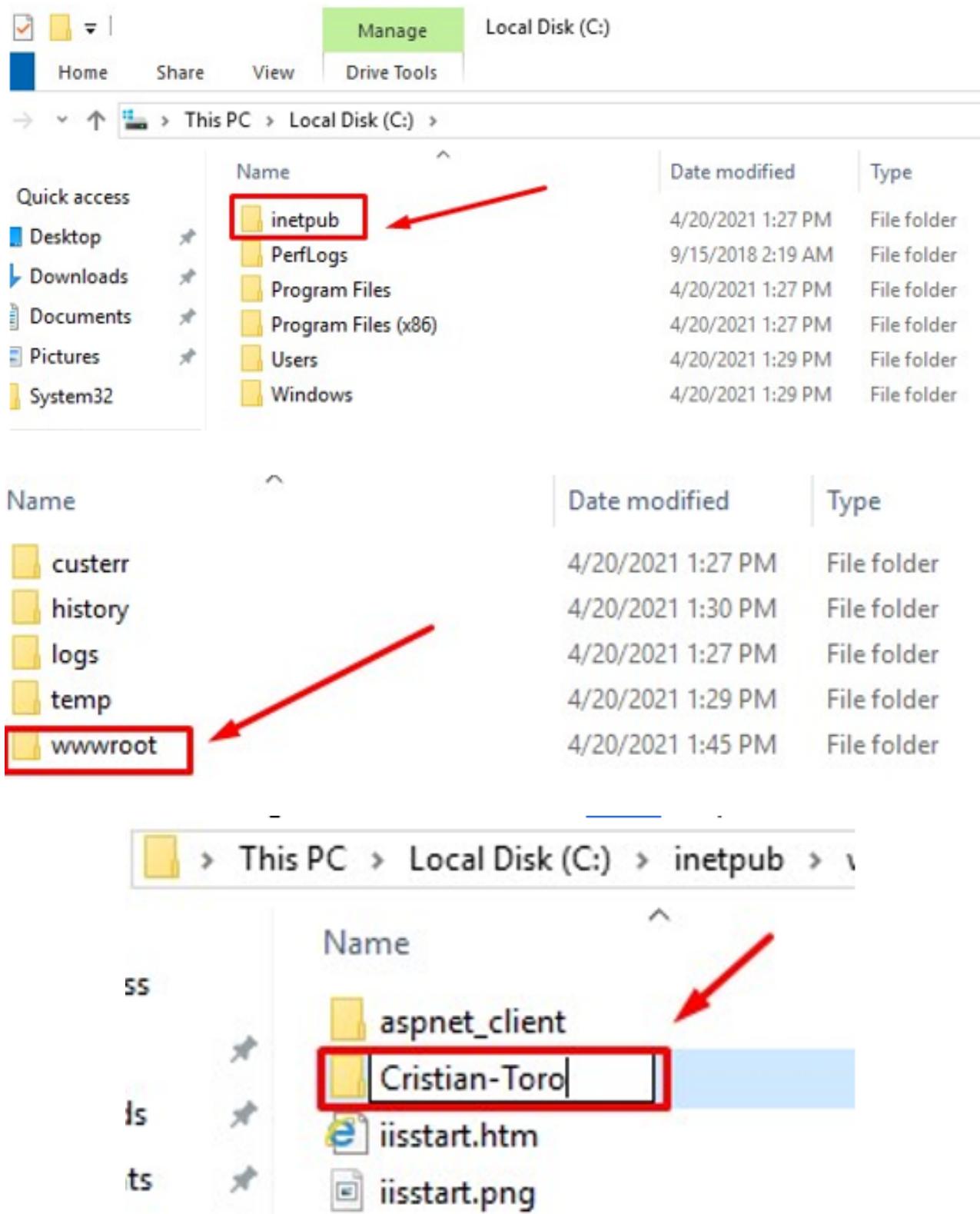
Finalmente comprobamos que esté instalado correctamente.



MANUAL TECNICO.

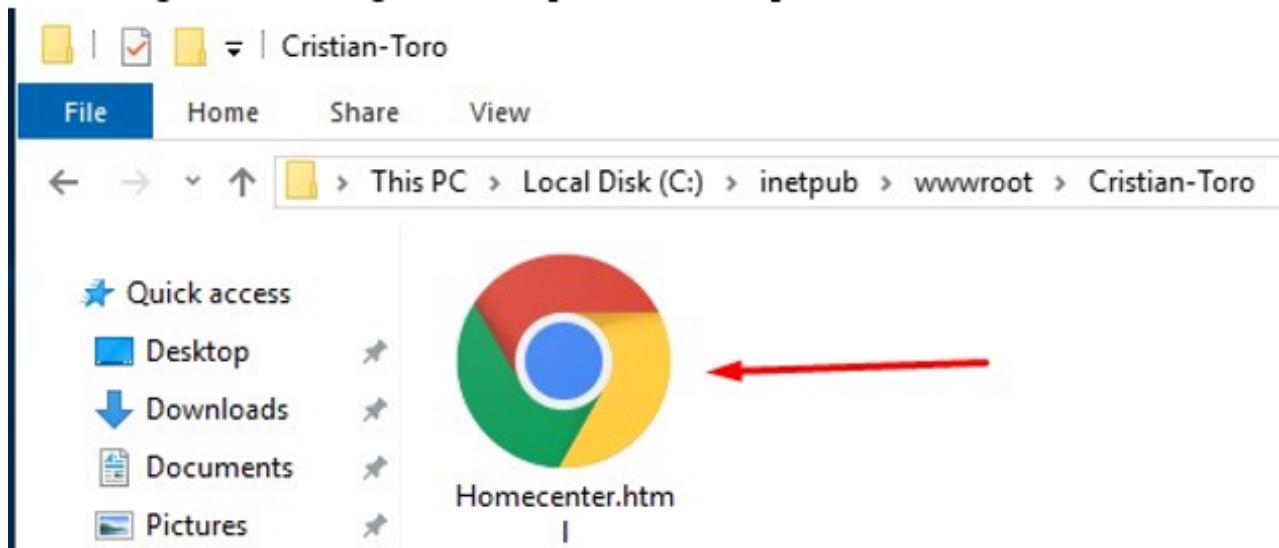
7.1. Creación de la Carpeta para la Página web.

Para crear La carpeta de nuestra Página nos dirigimos a “inetpub>wwwroot” que se encuentra en el Disco Local C:



MANUAL TECNICO.

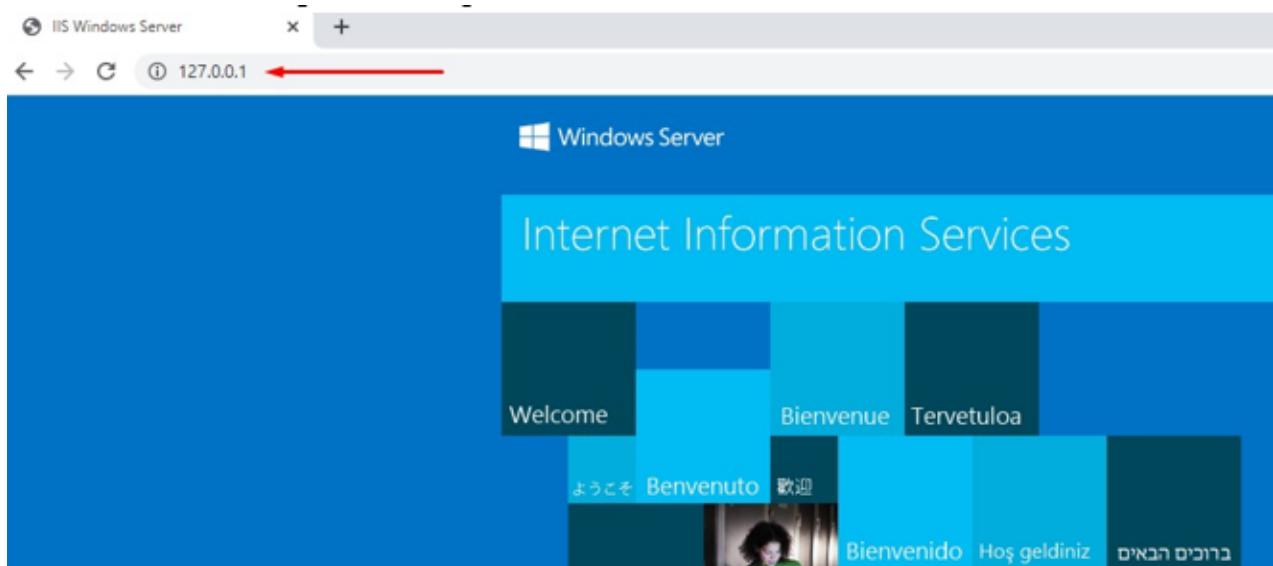
Pegamos el código de la empresa en la carpeta creada anteriormente.



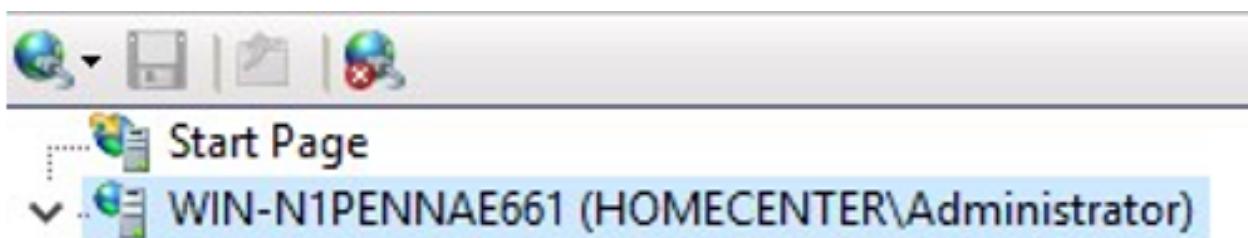
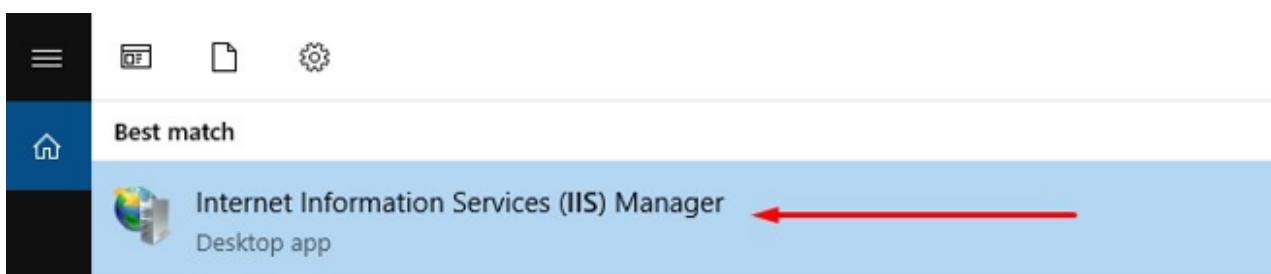
MANUAL TECNICO.

7.2. Creación del Sitio Web.

Primero comprobamos que el servicio del IIS está funcionando.

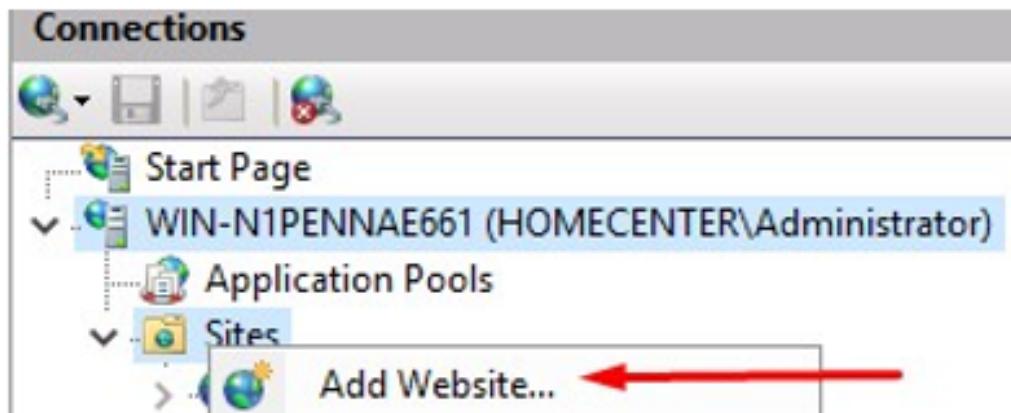


Ahora nos dirigimos a la herramienta del IIS denominada como “Internet Information Services (IIS) Manager”.

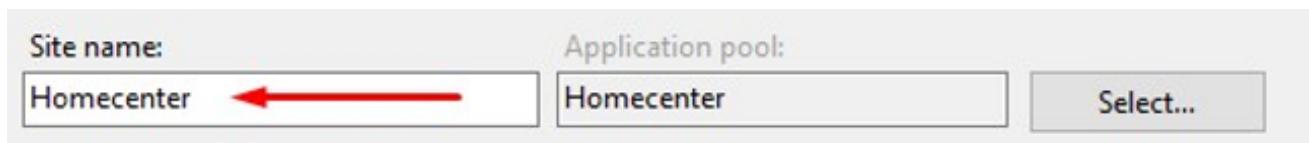


MANUAL TECNICO.

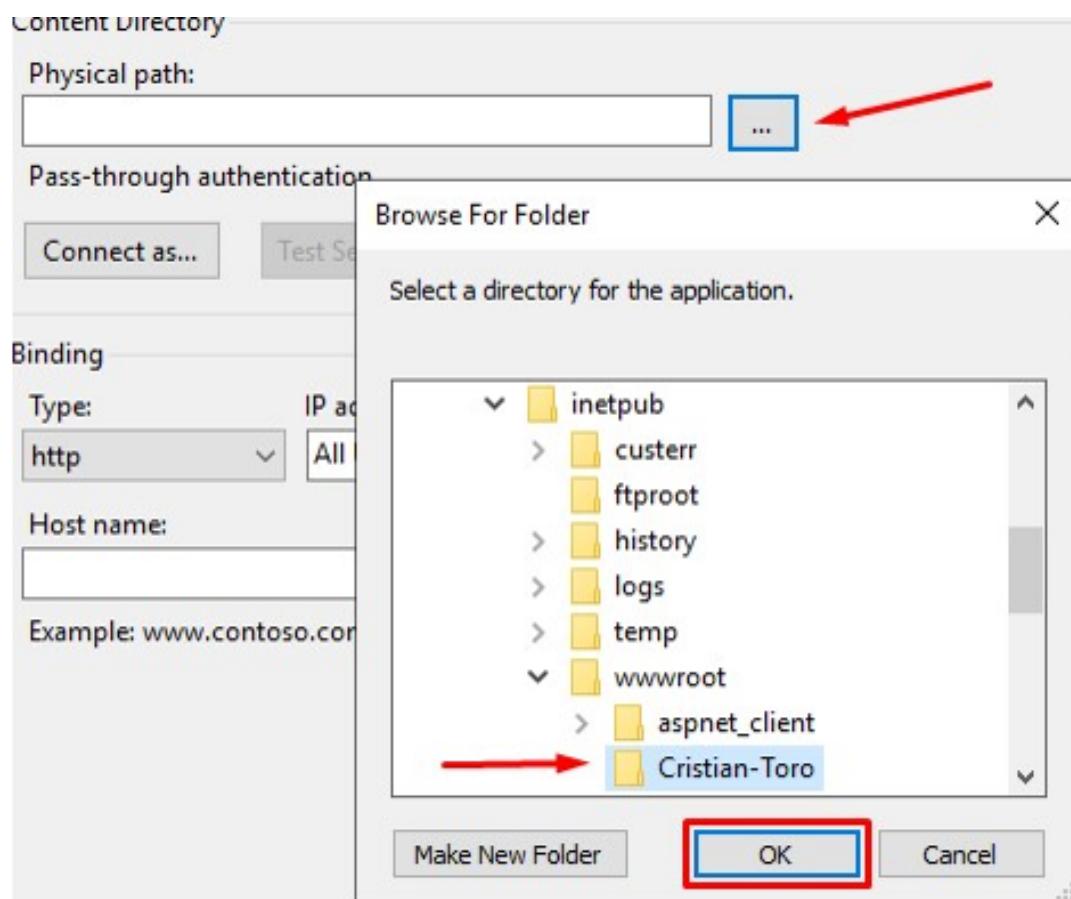
Para crear el site nos dirigimos a sites>Add websites.



Colocamos el nombre al site.



Seleccionamos el directorio donde se encuentra la pagina.



MANUAL TECNICO.

Binding

Type: IP address: Port:

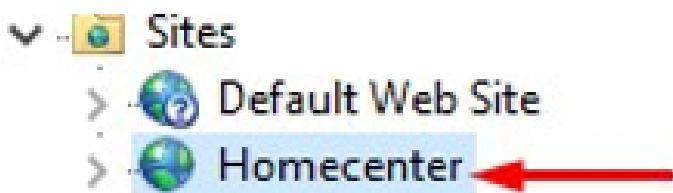
http All Unassigned 80

Host name: localhost

Example: www.contoso.com or marketing.contoso.com

OK

Cancel



Ahora debemos comprobar que la página esté funcionando correctamente en el servidor.

The screenshot shows a web browser window with the following details:

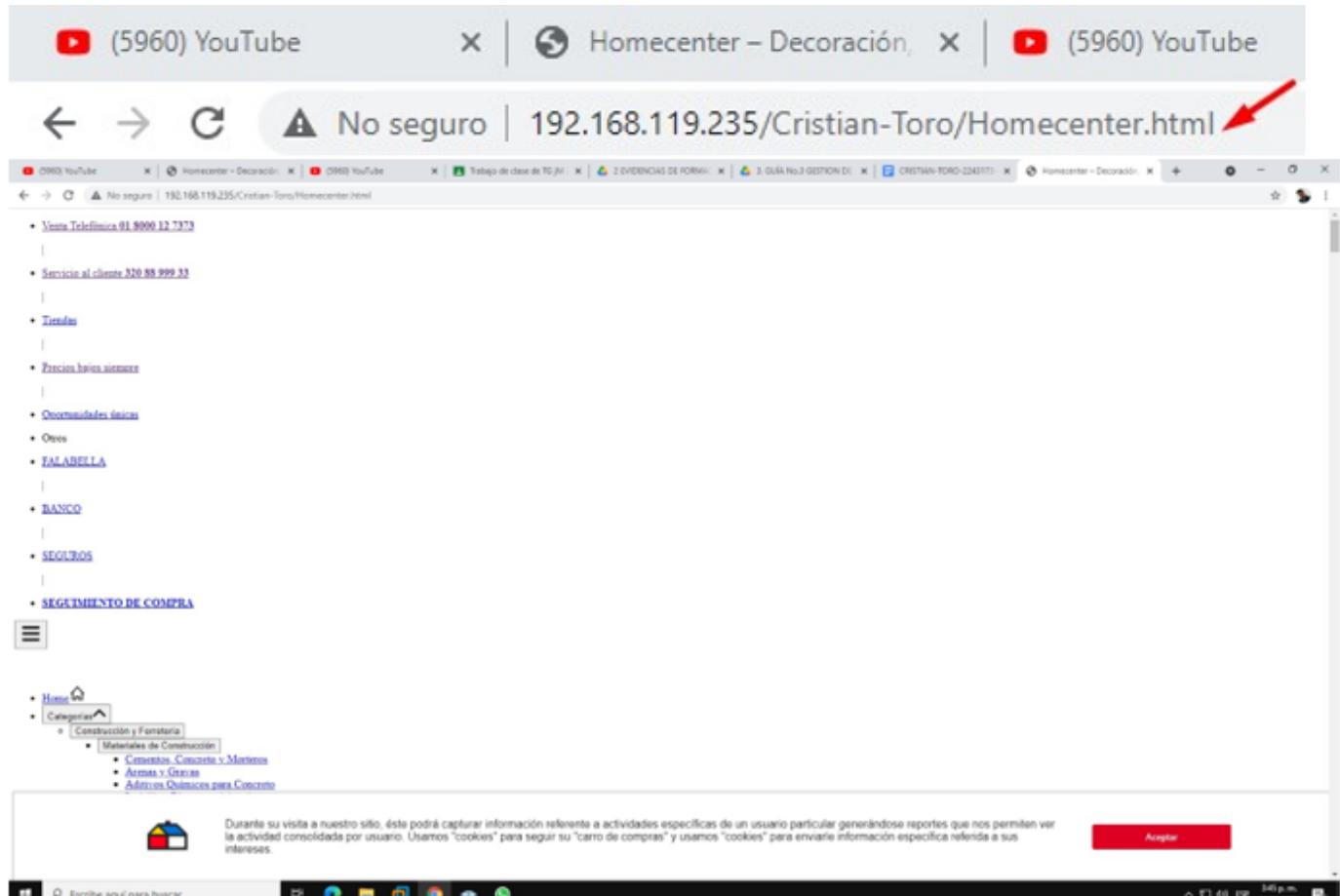
- Address bar: Homecenter – Decoración, Mueb +
127.0.0.1/Cristian-Toro/Homecenter.html
- Content area:
 - Vista Telefónica 01 8000 12 7373
 - Servicio al cliente 320 88 999 33
 - Tiendas
 - Precios bajos siempre
 - Oportunidades especiales
 - Otros
 - FALABELLA
 - BANCO
 - SEGUROS
 - SEGUIMIENTO DE COMPRA

Durante su visita a nuestro sitio, éste podrá capturar información referente a actividades específicas de un usuario particular generándose reportes que nos permiten ver la actividad consolidada por usuario. Usamos "cookies" para seguir su "carro de compras" y usamos "cookies" para enviarle información específica referida a sus intereses.

Aceptar

MANUAL TECNICO.

También probamos el sitio web en la máquina física.





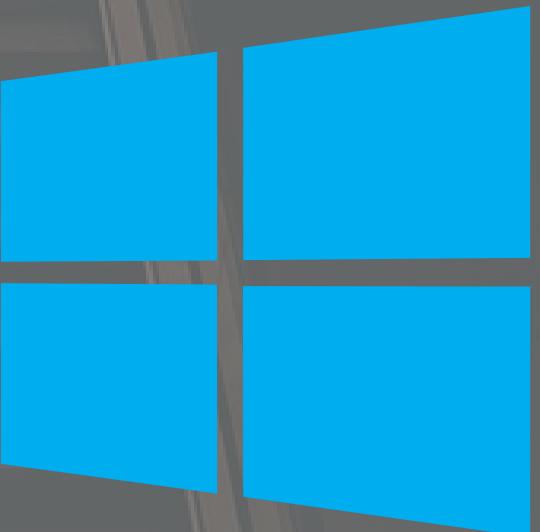
E62-67 Gates



HOMECENTER.

HOMECENTER

8. Servidor de Archivos



MANUAL TECNICO.

8.1. Creación del disco Duro Virtual.

Para crear un disco duro Virtual nos dirigimos a nuestra máquina virtual “apagada” en VMware



Hacemos Click en “Edit Virtual Machine settings”

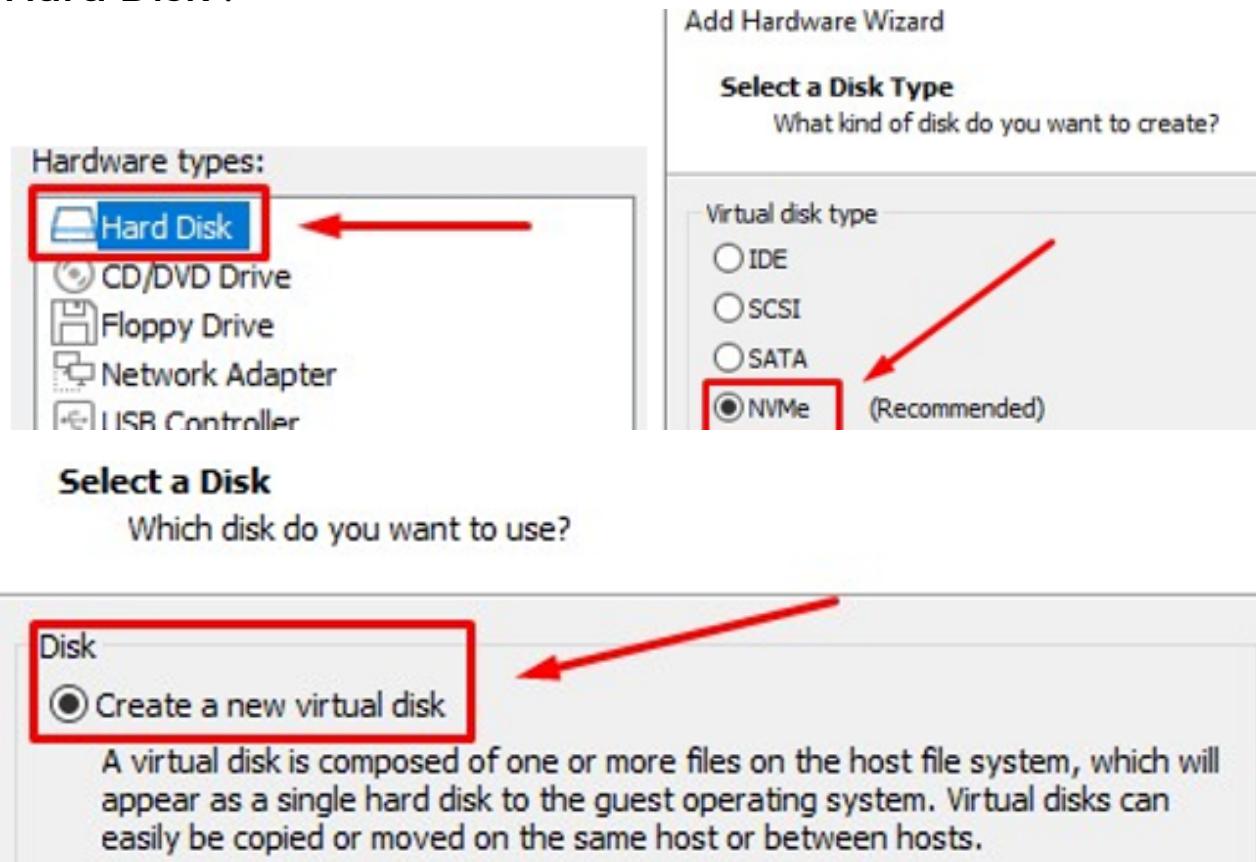
The screenshot shows the 'Edit virtual machine settings' dialog for the 'Proyecto_Windows_Server_2019' machine. At the top, there are two tabs: 'Home' and the currently active 'Edit virtual machine settings'. Below the tabs, there are two main buttons: 'Power on this virtual machine' and 'Edit virtual machine settings', with the second one being highlighted by a red box and a red arrow pointing to it. Underneath these buttons is a horizontal menu bar with 'Hardware' and 'Options' tabs, where 'Hardware' is selected. The main area displays a table of hardware components and their settings:

Device	Summary
Memory	6.1 GB
Processors	4
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	Bridged (Automatic)
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

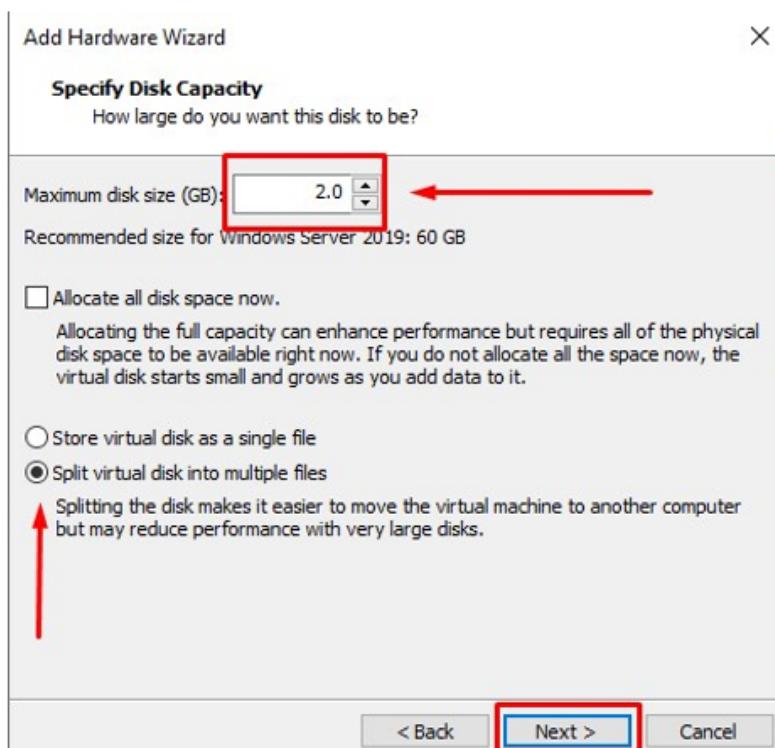
At the bottom of the dialog, there are two buttons: 'Add...' and 'Remove', with 'Add...' also being highlighted by a red box.

MANUAL TECNICO.

Seleccionamos el tipo de componente en este caso un “Hard Disk”.



Colocamos el espacio de nuestro Disco Virtual y seleccionamos “Split Virtual Disk into multiple files”.



MANUAL TECNICO.

A 60 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

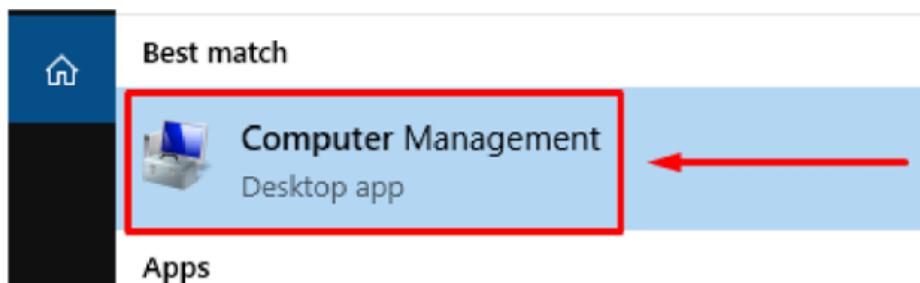
Proyecto_Windows_Server_2019-0.vmdk

Browse...

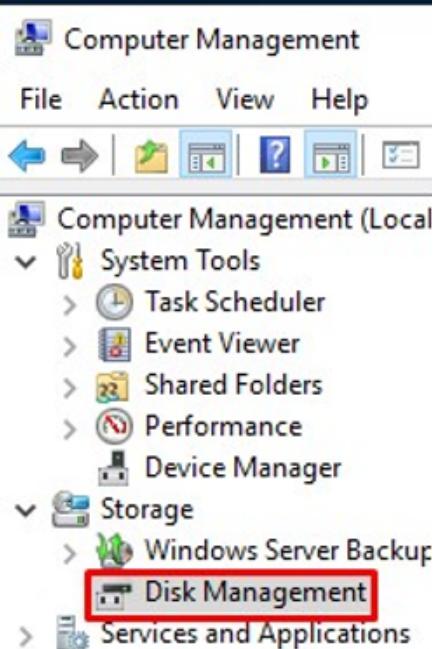
Comprobamos que esté creado correctamente..



Para poder utilizar el disco duro virtual nos dirigimos a “Administrador de discos” mediante “Computer Management”.

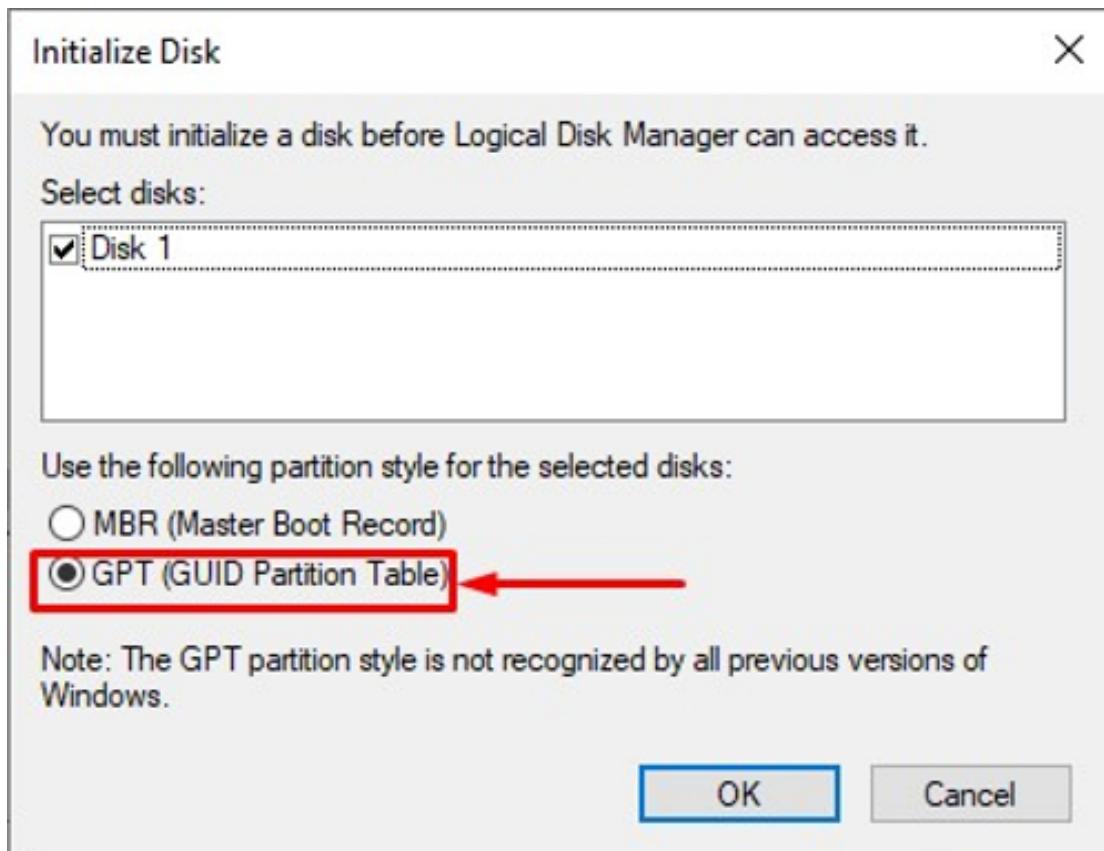


Nos dirigimos a "Storage>Disk Management".

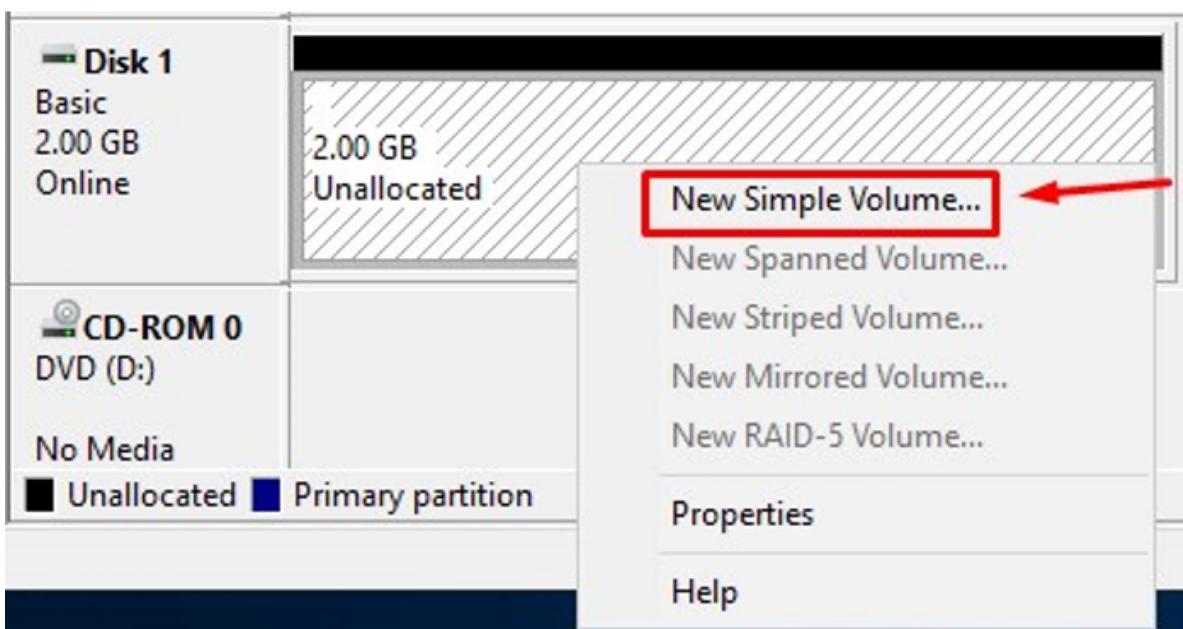


MANUAL TECNICO.

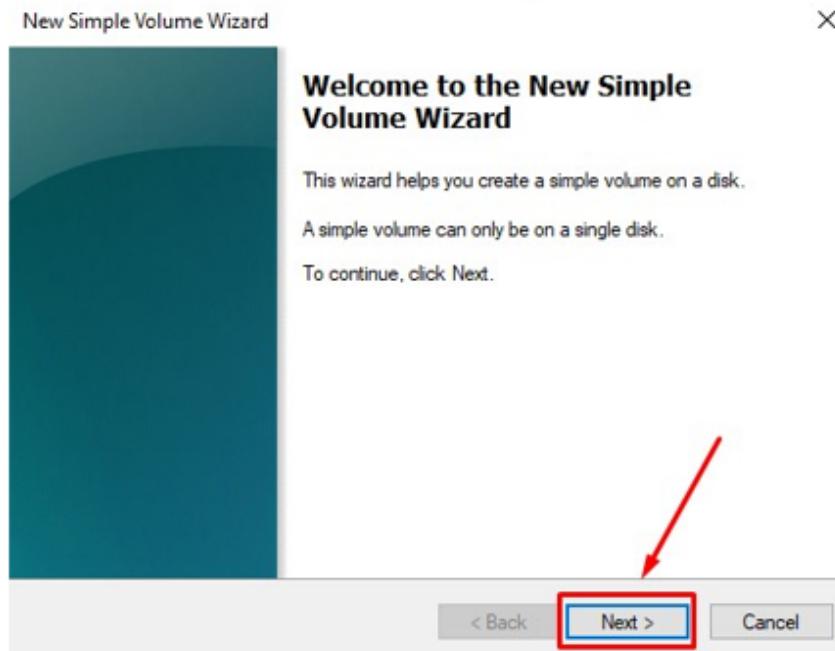
Nos aparecerá el siguiente anuncio en el cual le asignaremos la partición dependiendo del tipo de bios creada anteriormente en mi caso Uefi por lo que procedo a seleccionar “GPT”.



Para crear un nuevo volumen hacemos click



MANUAL TECNICO.

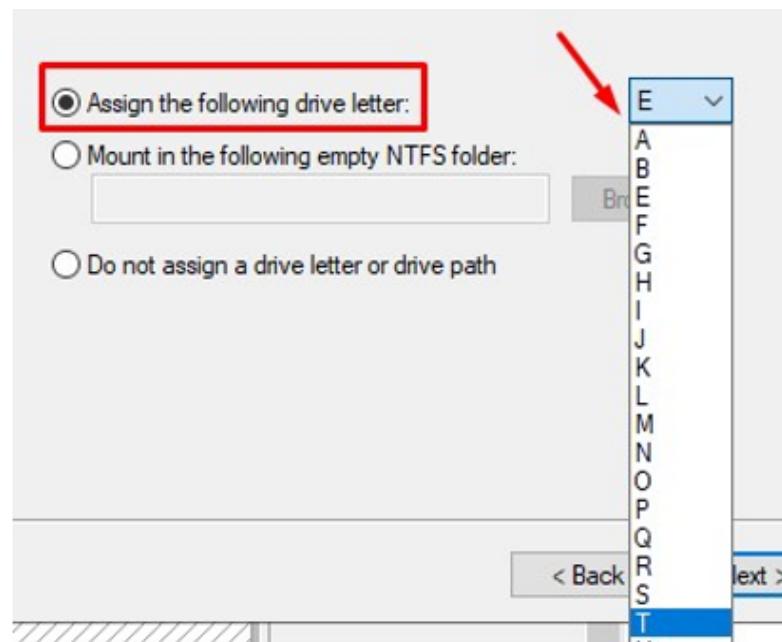


Colocamos el Volumen en “MB”

This screenshot shows the configuration for the simple volume size. It includes three fields: 'Maximum disk space in MB:' set to 2045, 'Minimum disk space in MB:' set to 8, and 'Simple volume size in MB:' with a numeric input field containing '2045' and up/down arrows. A red arrow points from the text 'Colocamos el Volumen en “MB”' to the 'Simple volume size in MB:' field.

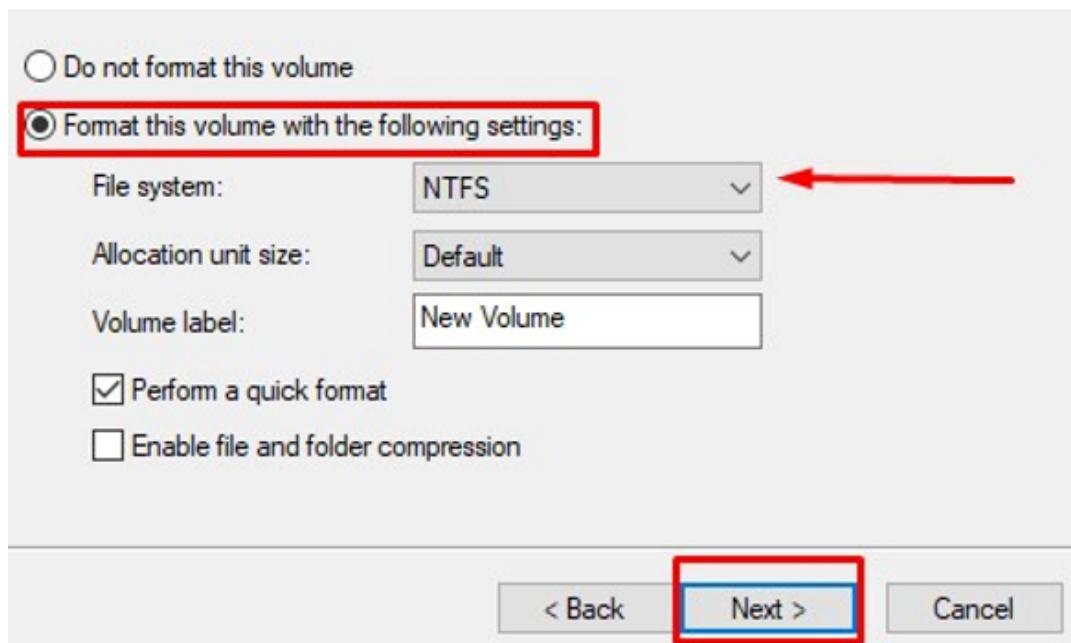
Maximum disk space in MB:	2045
Minimum disk space in MB:	8
Simple volume size in MB:	2045

Seleccionamos La Letra para el Volumen.



MANUAL TECNICO.

Seleccionamos el Formato De Partición.



Lo damos por finalizado.

You selected the following settings:

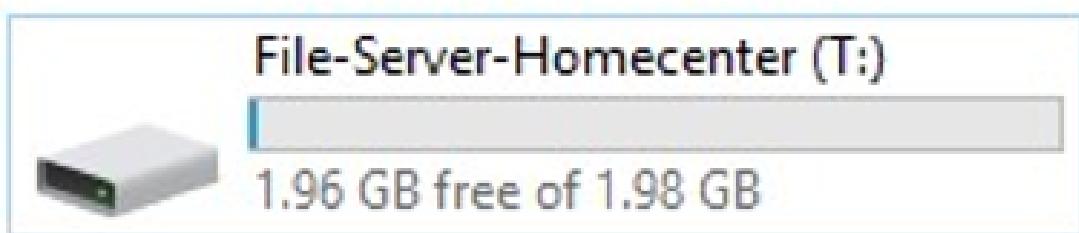
```
Volume type: Simple Volume
Disk selected: Disk 1
Volume size: 2045 MB
Drive letter or path: T:
File system: NTFS
Allocation unit size: Default
Volume label: New Volume
Quick format: Yes
```

To close this wizard, click Finish.

The screenshot shows a 'Finish' dialog box with three buttons: '< Back', 'Finish' (highlighted with a red box), and 'Cancel'.

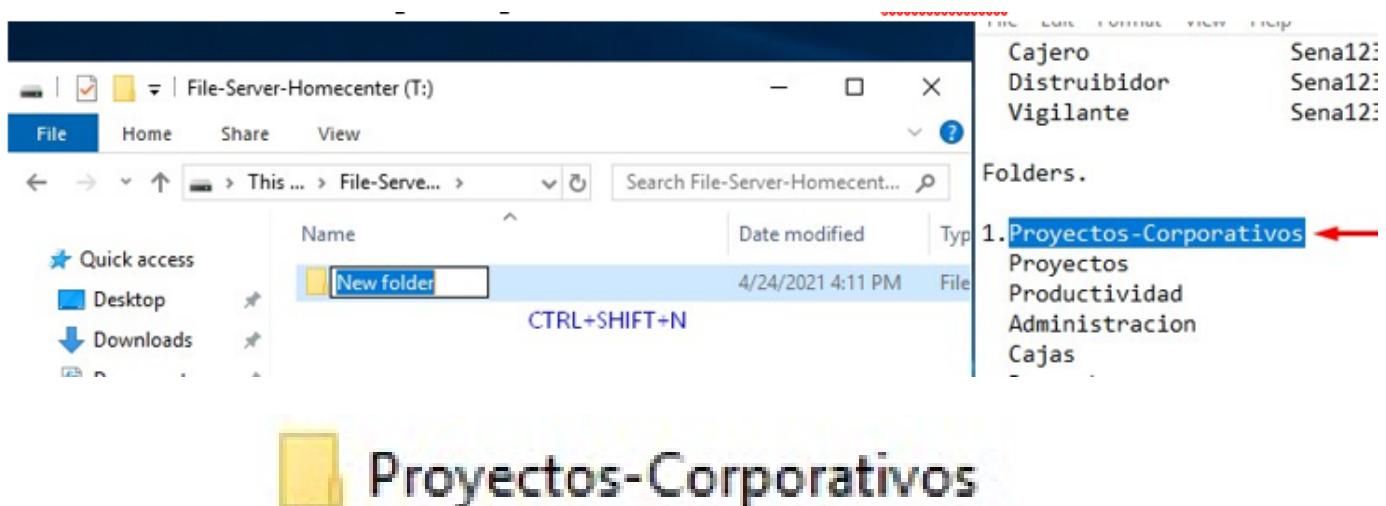
MANUAL TECNICO.

Comprobamos que esté el disco correctamente creado.



8.2. Creación de las Carpetas para el servidor de Archivos.

Para crear una carpeta rápidamente utilizamos el shortcut **CTRL+SHIFT+N**.



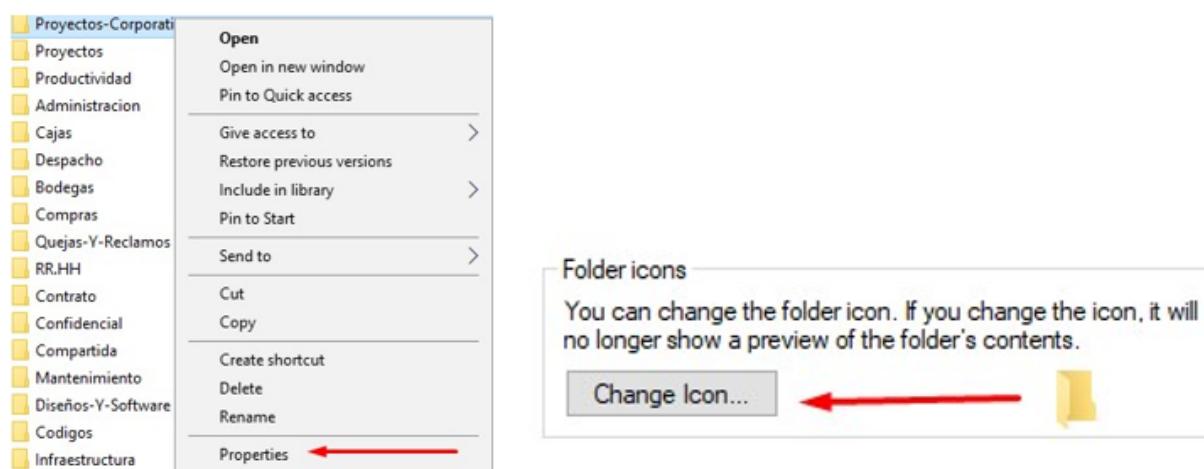
MANUAL TECNICO.

The screenshot shows a Windows file explorer window. On the left, there's a sidebar with 'QUICK access' (Desktop, Downloads, Documents, Pictures, System32), 'This PC' (selected), 'File-Server-Homecen', and 'Network'. The main area shows a list of folders under 'This PC': Proyectos-Corporativos, Proyectos, Productividad, Administracion, Cajas, Despacho, Bodegas, Compras, Quejas-Y-Reclamos, RR.HH, Contrato, Confidencial, Compartida, Mantenimiento, Diseños-Y-Software, Codigos, Infraestructura, Cableado, Nomina, Registro, Facturas, Productos-Y-Rutas, and Horarios.

Folders.

1. Proyectos-Corporativos
2. Proyectos
3. Productividad
4. Administracion
5. Cajas
6. Despacho
7. Bodegas
8. Compras
9. Quejas-Y-Reclamos
10. RR.HH
11. Contrato
12. Confidencial
13. Compartida
14. Mantenimiento
15. Diseños-Y-Software
16. Codigos
17. Infraestructura
18. Cableado
19. Nomina
20. Registro
21. Facturas
22. Productos-Y-Rutas
23. Horarios

Vamos a cambiar los iconos de cada carpeta en sus “Propiedades”



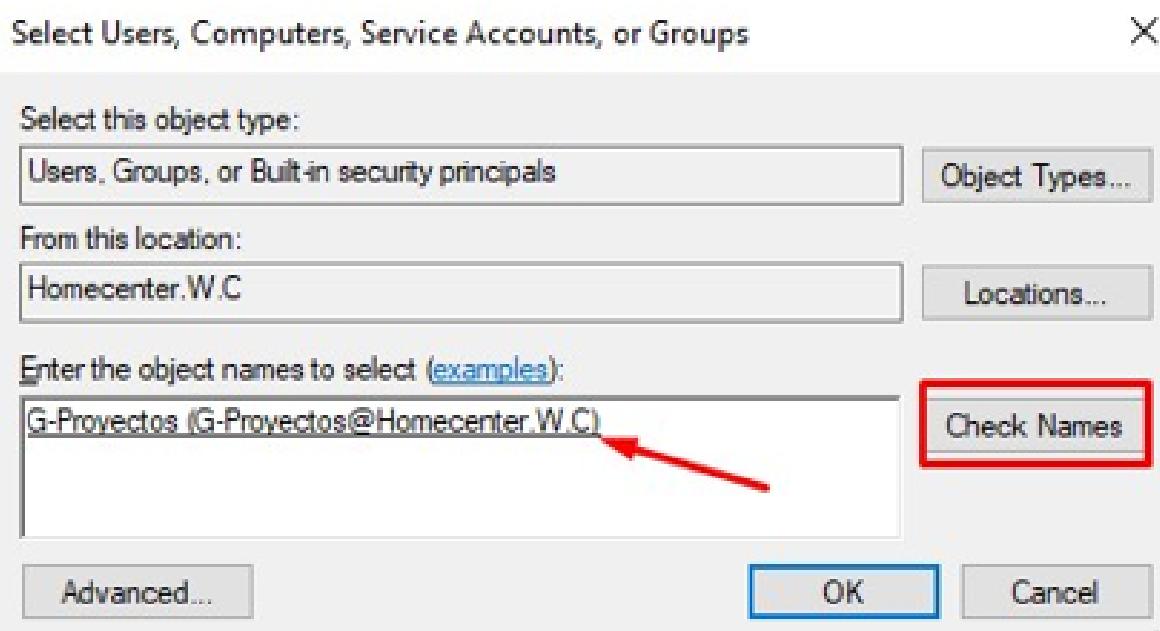
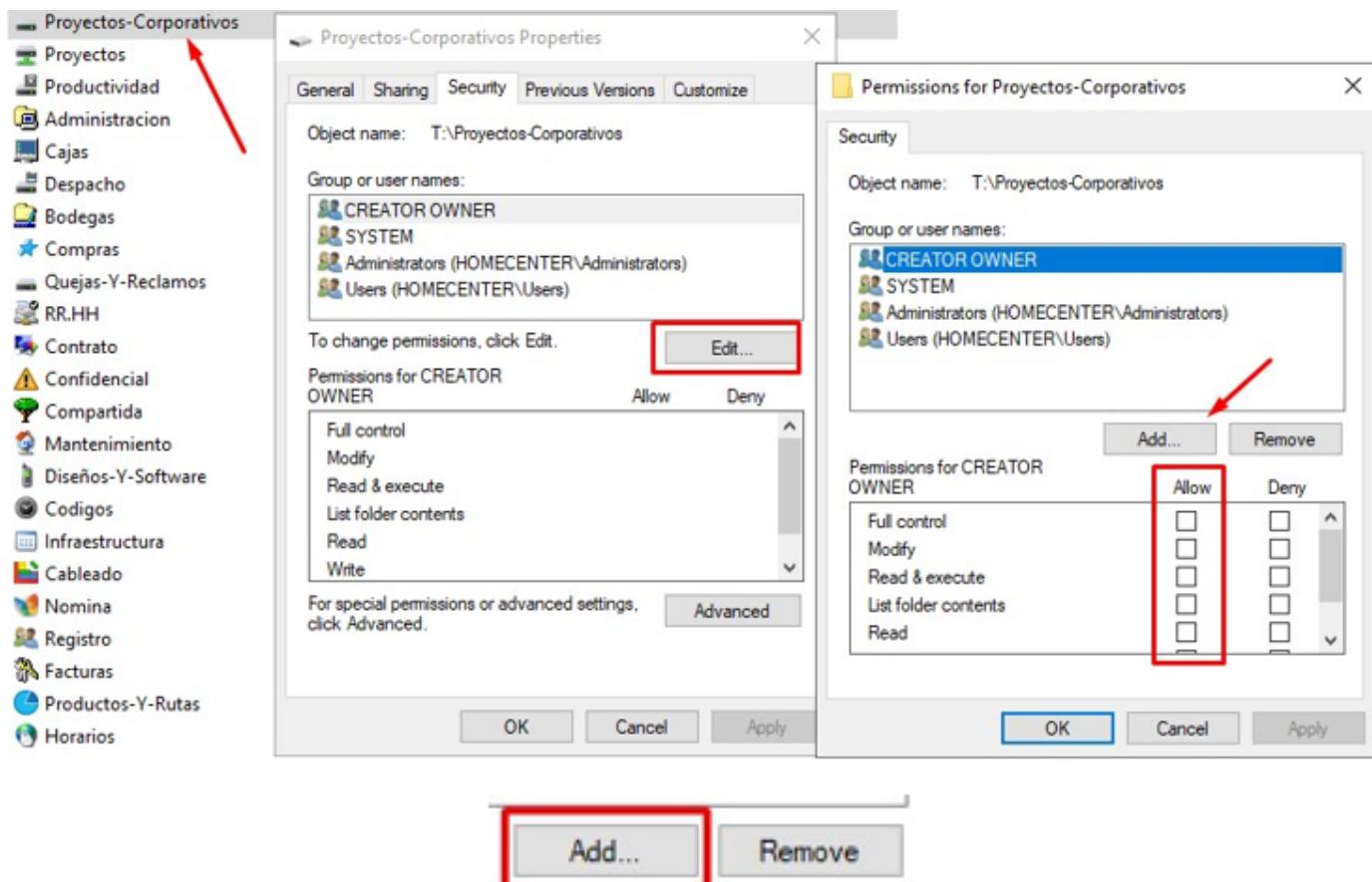
MANUAL TECNICO.

	Proyectos-Corporativos	4/24/2021 4:30 PM	File
	Proyectos	4/24/2021 4:31 PM	File
	Productividad	4/24/2021 4:31 PM	File
	Administracion	4/24/2021 4:31 PM	File
	Cajas	4/24/2021 4:31 PM	File
	Despacho	4/24/2021 4:31 PM	File
	Bodegas	4/24/2021 4:32 PM	File
	Compras	4/24/2021 4:32 PM	File
	Quejas-Y-Reclamos	4/24/2021 4:32 PM	File
	RR.HH	4/24/2021 4:32 PM	File
	Contrato	4/24/2021 4:33 PM	File
	Confidencial	4/24/2021 4:33 PM	File
	Compartida	4/24/2021 4:33 PM	File
	Mantenimiento	4/24/2021 4:33 PM	File
	Diseños-Y-Software	4/24/2021 4:33 PM	File
	Codigos	4/24/2021 4:34 PM	File
	Infraestructura	4/24/2021 4:34 PM	File
	Cableado	4/24/2021 4:34 PM	File
	Nomina	4/24/2021 4:34 PM	File
	Registro	4/24/2021 4:35 PM	File
	Facturas	4/24/2021 4:35 PM	File
	Productos-Y-Rutas	4/24/2021 4:35 PM	File
	Horarios	4/24/2021 4:35 PM	File

MANUAL TECNICO.

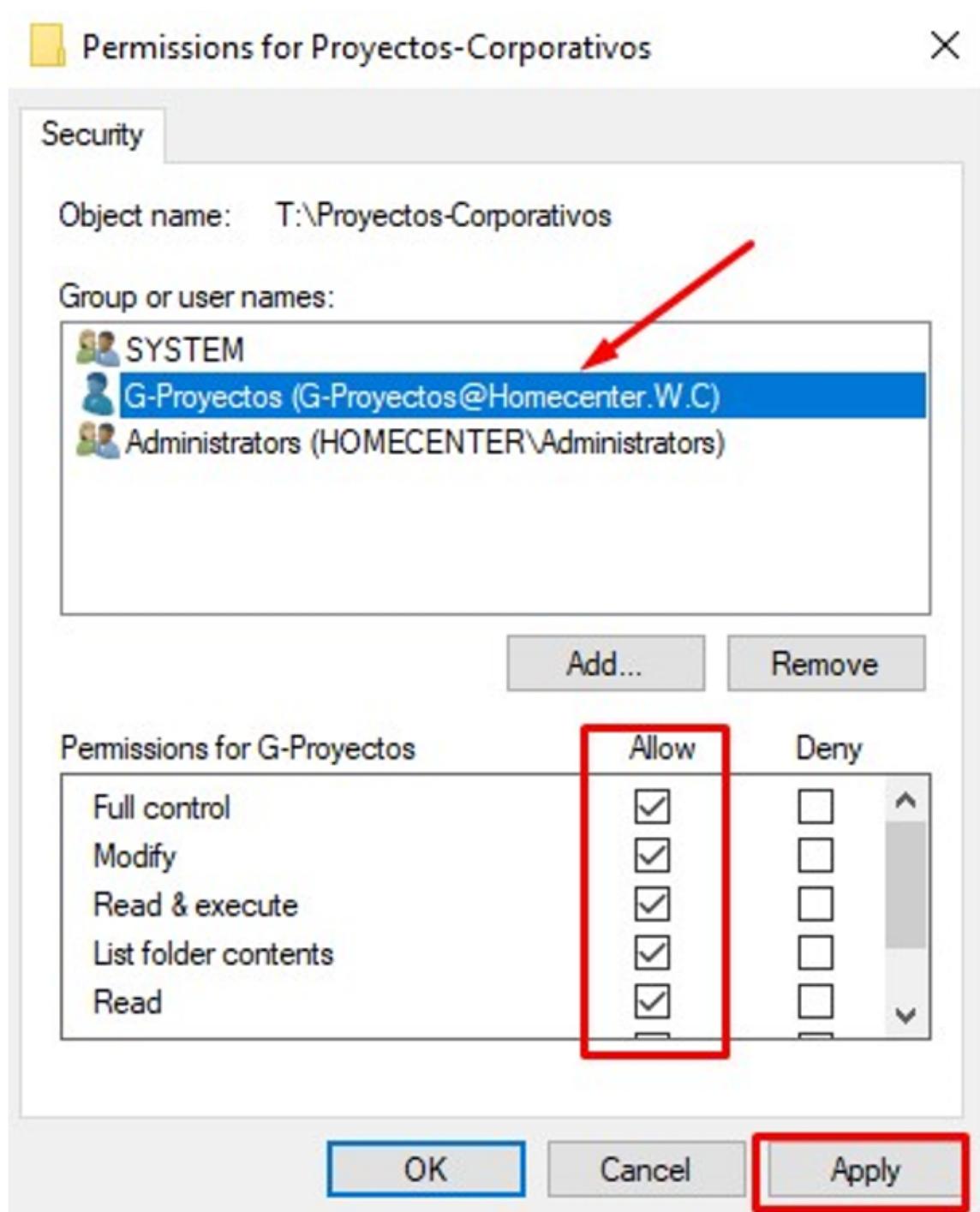
8.3. Edición de los permisos de Usuario.

Para agregar los usuarios y permisos a cada carpeta nos dirigimos a “Propiedades>Security>edit”.

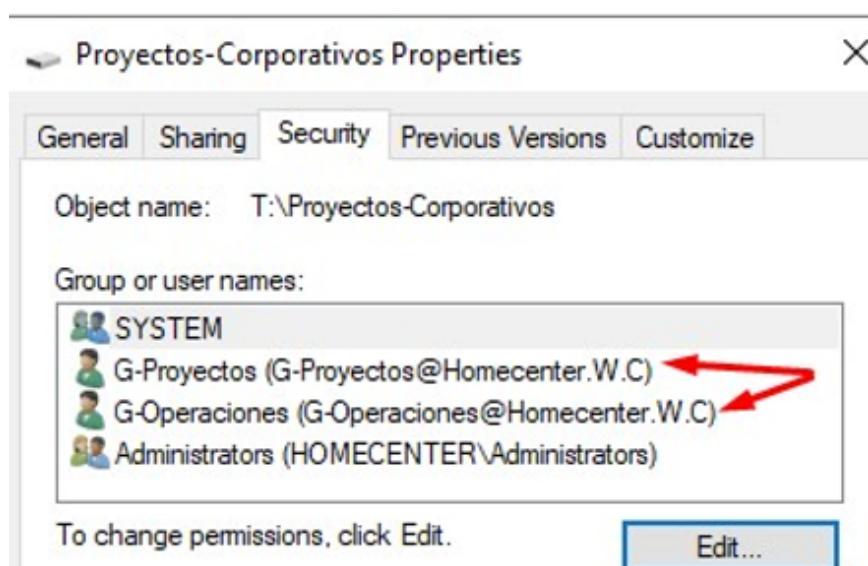
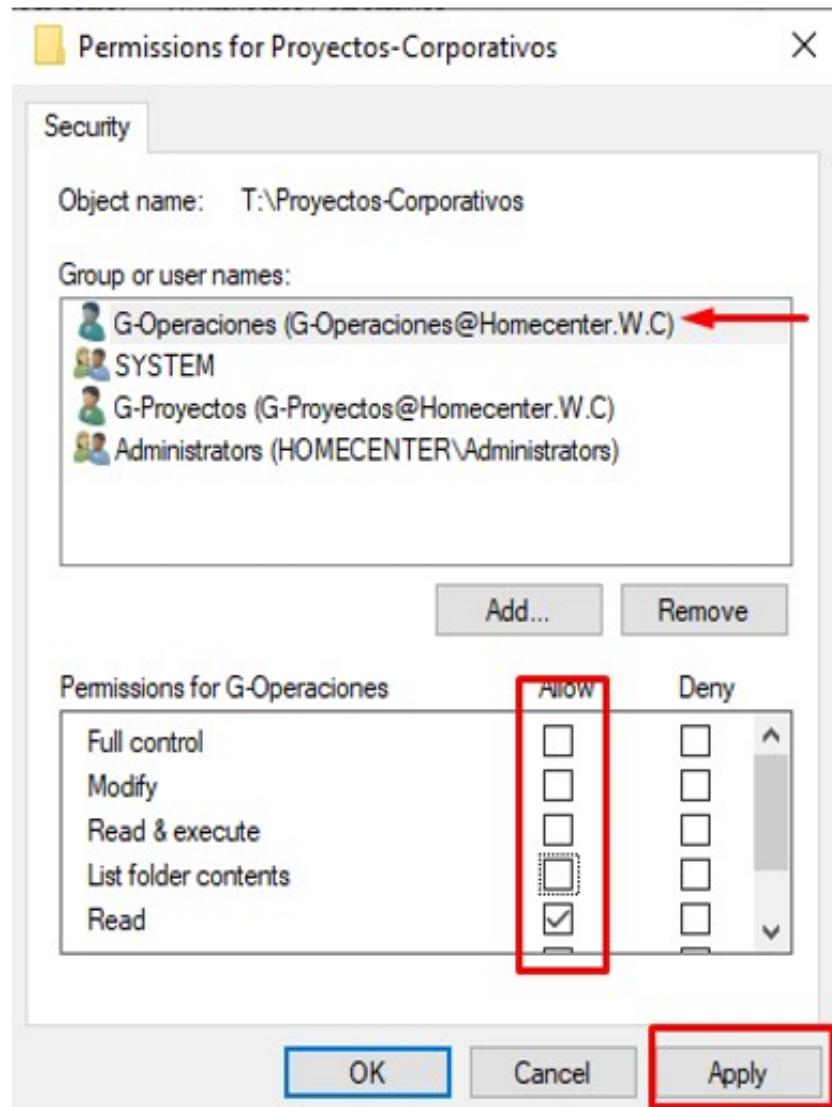


MANUAL TECNICO.

Le damos todos los permisos al usuario para el uso de esa carpeta después aplicamos y aceptamos.



MANUAL TECNICO.



MANUAL TECNICO.

Ahora realizaremos el mismo procedimiento basándonos en nuestro diagrama. En las siguientes imágenes se mostrará el dueño de cada carpeta el resto de usuarios agregados solo podrán ver el contenido.

Folders .
1. Proyectos-Corporativos
Proyectos
Productividad
Administracion
Cajas
Despacho
Bodegas
Compras
Quejas-Y-Reclamos
RR.HH
Contrato
Confidencial
Compartida
Mantenimiento
Diseños-Y-Software
Codigos
Infraestructura
Cableado
Nomina
Registro
Facturas
Productos-Y-Rutas
Horarios

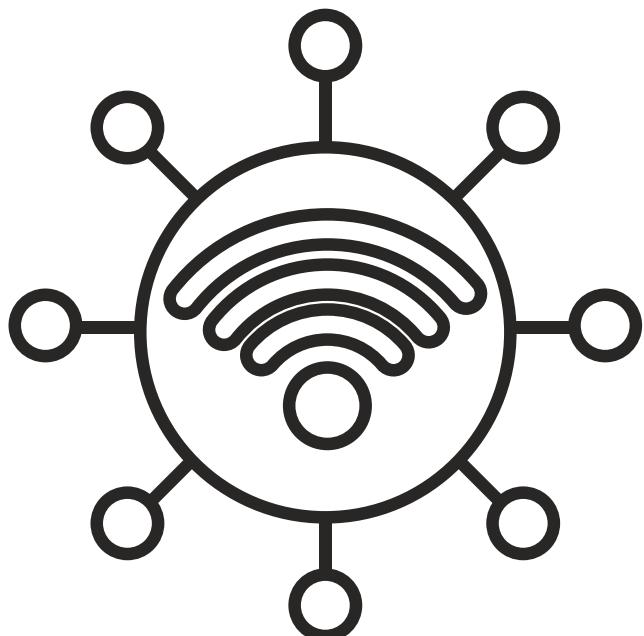
The screenshot shows the Windows File Explorer interface. On the left, there's a sidebar with 'QUICK access' (Desktop, Downloads, Documents, Pictures, System32) and sections for 'This PC' (File-Server-Homecen), 'Network', and 'File-Server-Homecen'. The main area displays a hierarchical list of folders under 'File-Server-Homecen'. Each folder icon has a small lock icon indicating its security status. To the right of the folder names, there's a vertical list of numbers corresponding to the numbered items in the table above, likely indicating the owner or permissions for each folder. The entire interface is in Spanish.

Proyectos-Corporativos
Proyectos
Productividad
Administracion
Cajas
Despacho
Bodegas
Compras
Quejas-Y-Reclamos
RR.HH
Contrato
Confidencial
Compartida
Mantenimiento
Diseños-Y-Software
Codigos
Infraestructura
Cableado
Nomina
Registro
Facturas
Productos-Y-Rutas
Horarios



HOMECENTERX

HOMECENTER



GRACIAS!!

HOMECENTER