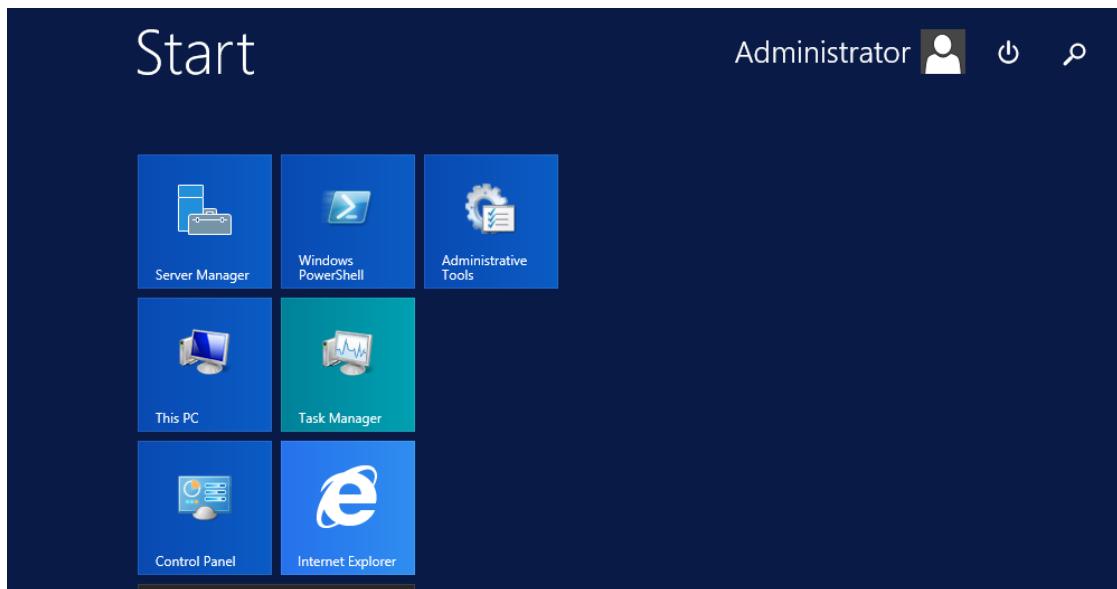


CONFIGURACIÓN DE WINDOWS SERVER 2012 (página 14 del pdf)

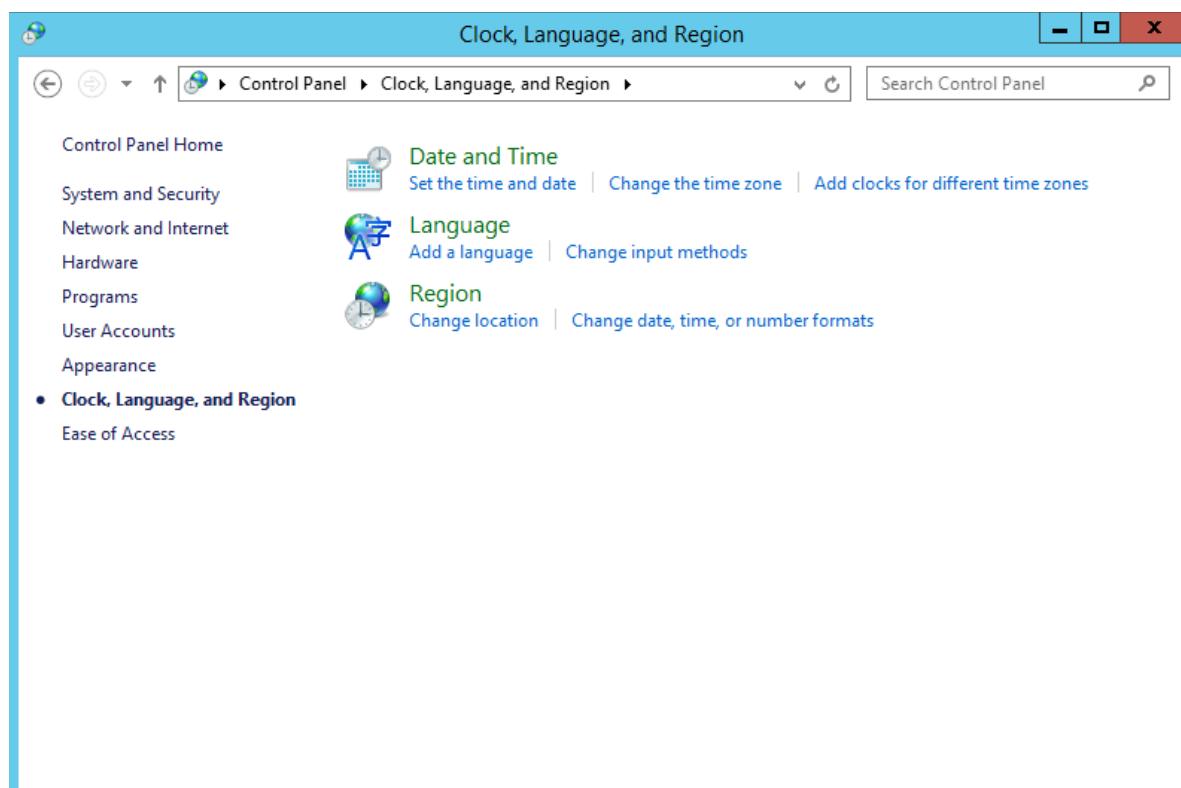
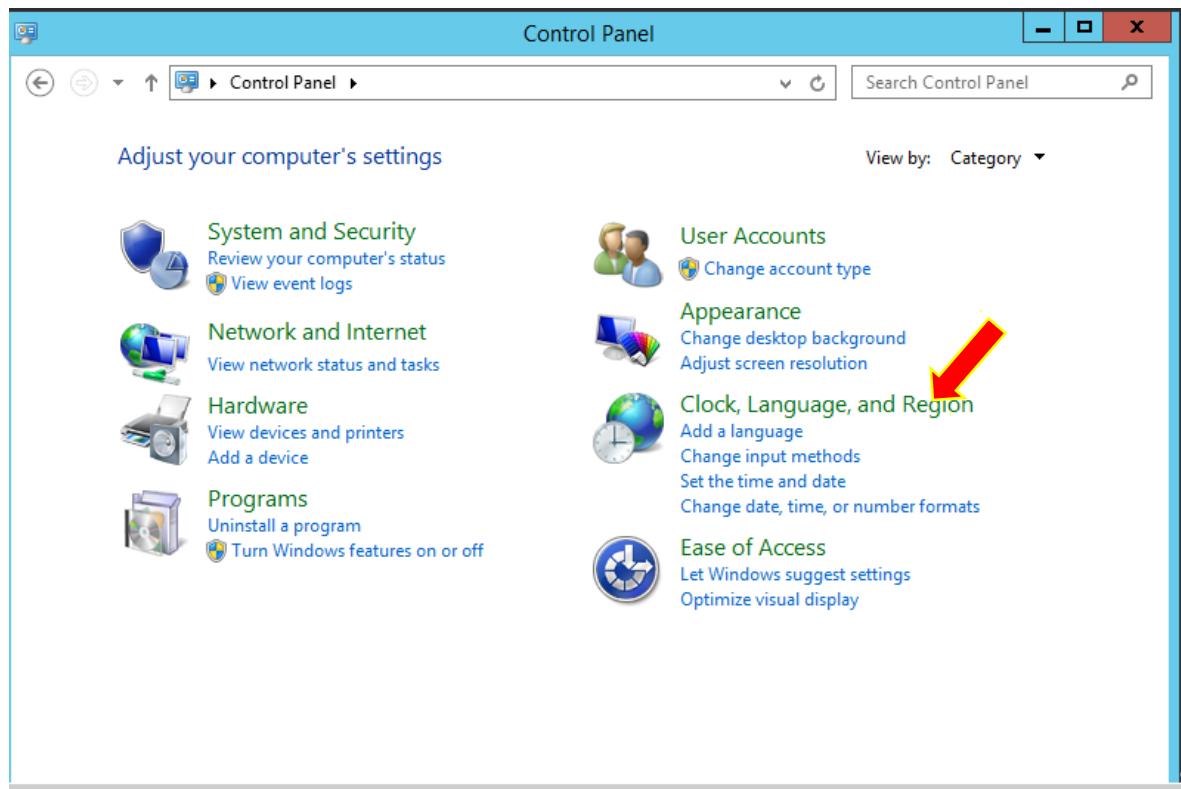
Iniciamos nuestro SO



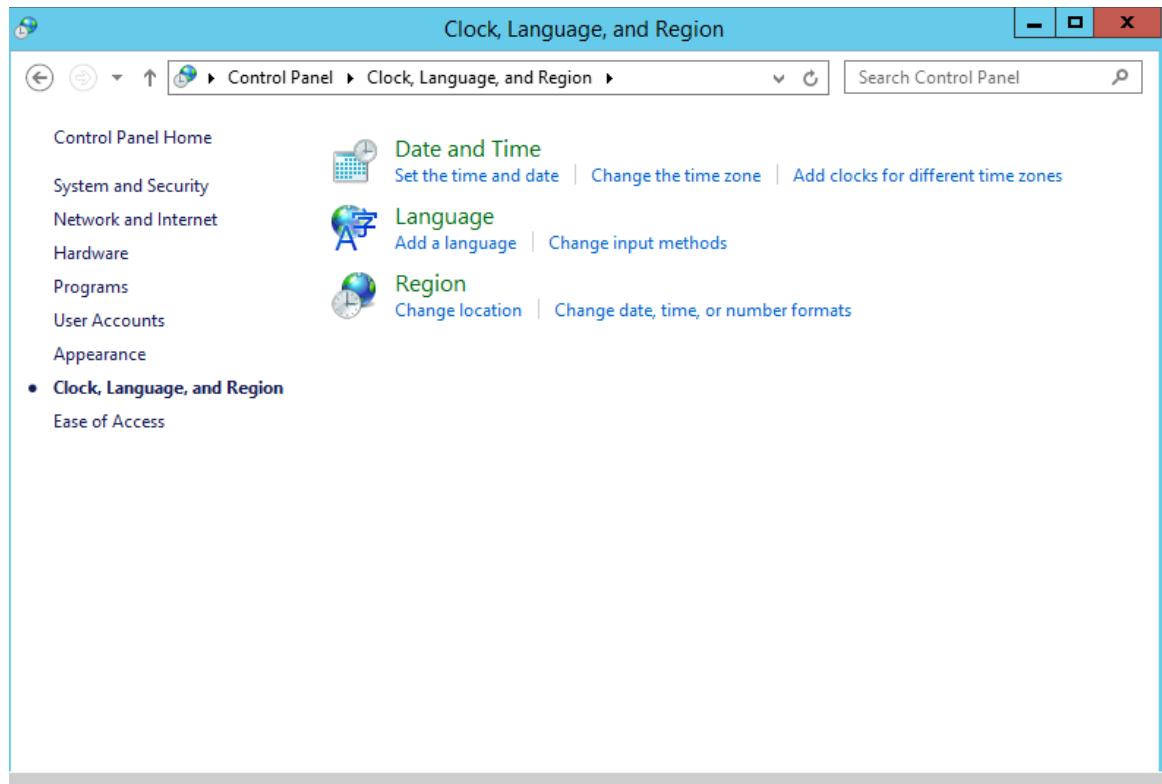
Activamos nuestro producto Windows con **la licencia** correspondiente.

The screenshot shows the Windows Server 2012 Control Panel Home. On the left, there's a sidebar with links: "Control Panel Home", "Device Manager", "Remote settings", and "Advanced system settings". The main area has a heading "View basic information about your computer". It shows the "Windows edition" as "Windows Server 2012 R2 Standard Evaluation" and copyright information from 2013. To the right, the "Windows Server 2012 R2" logo is displayed. Below this, the "System" section provides details about the processor (AMD A4-7210 APU with AMD Radeon R3 Graphics 1.80 GHz), installed memory (2.00 GB), system type (64-bit Operating System, x64-based processor), and pen/touch support (No Pen or Touch Input is available for this Display). Further down, it lists the computer name (WIN-CRGUO3V4HMP), full computer name (WIN-CRGUO3V4HMP), computer description, and workgroup (WORKGROUP). The "Windows activation" section at the bottom indicates "Windows is activated" and provides a product ID (00252-10000-00000-AA228) and a link to "Read the Microsoft Software License Terms". A red circle highlights the "Windows is activated" message. At the bottom left, there are links for "See also", "Action Center", and "Windows Update". At the bottom right, there are links for "Change settings" and "Change product key".

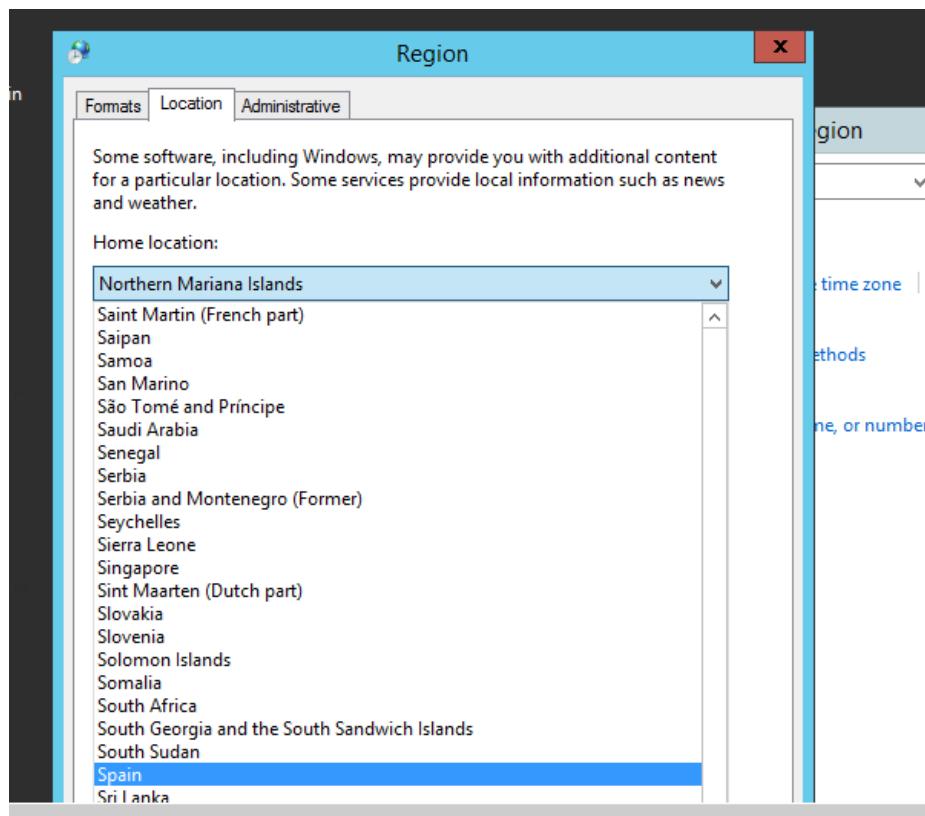
Estableceremos **la zona horaria**. Control Panel >> Clock, Language and Región



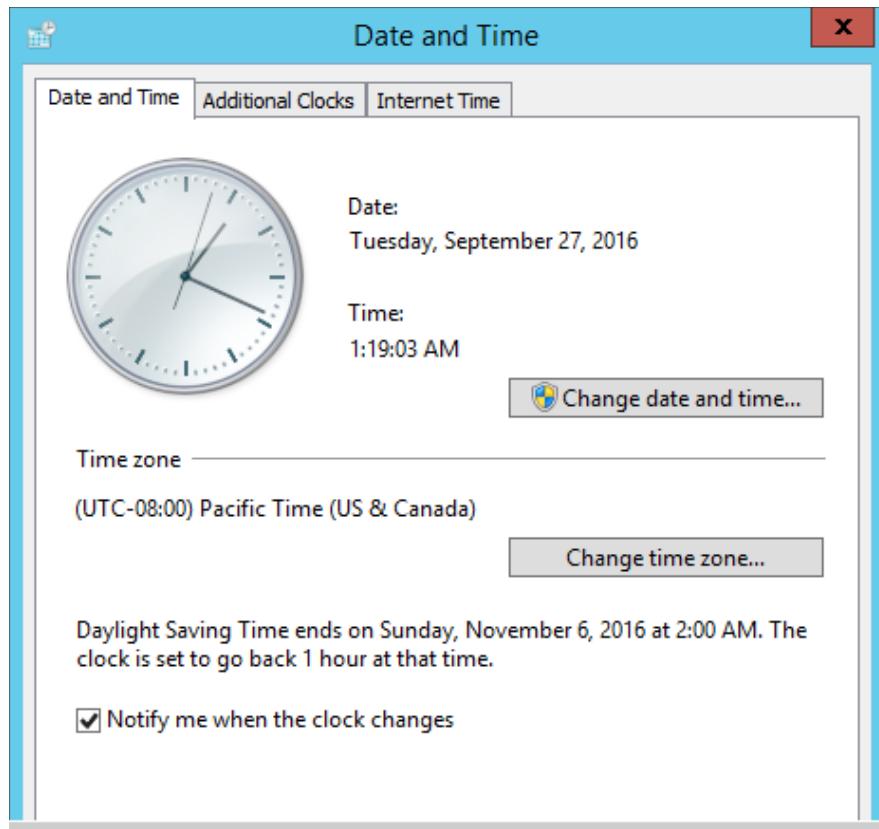
Región



Location



Date and Time

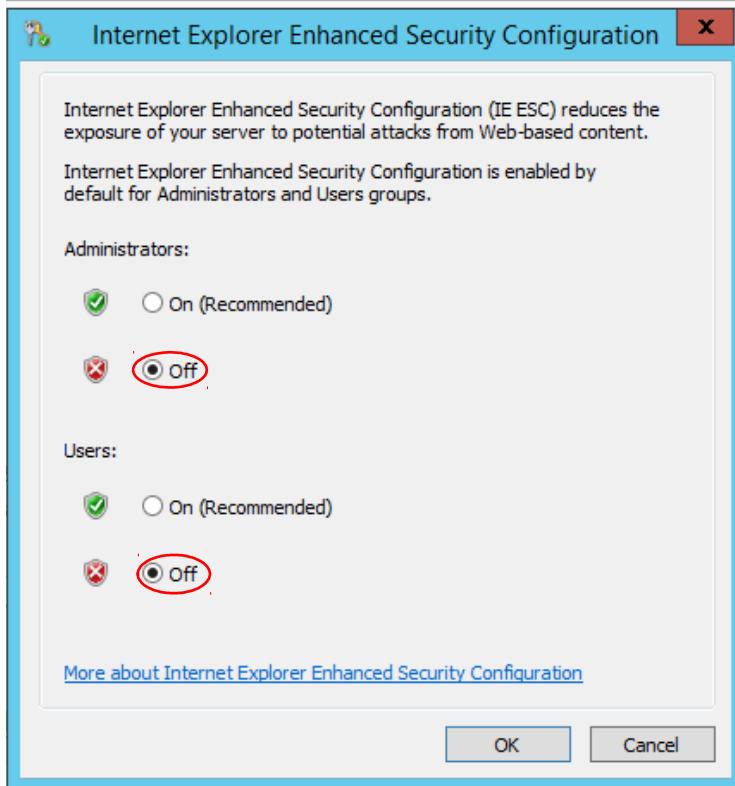


Desactivaremos el firewall del sistema para evitar problemas con el navegador.

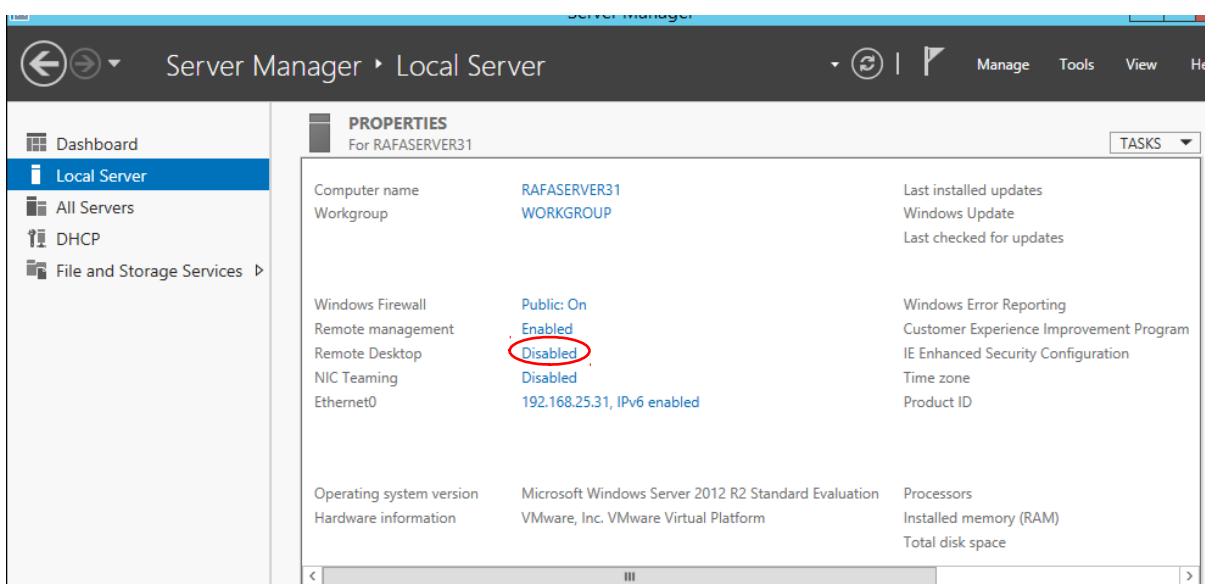
The screenshot shows the Server Manager Local Server properties page. The 'Local Server' item is selected in the navigation pane. In the properties grid, under the 'General' tab, the 'IE Enhanced Security Configuration' setting is set to 'On'. Other visible settings include 'Windows Error Reporting' (Off), 'Customer Experience Improvement Program' (Not participating), and 'Time zone' (UTC+01:00 Brussels, Copenhagen, Madrid, Paris).

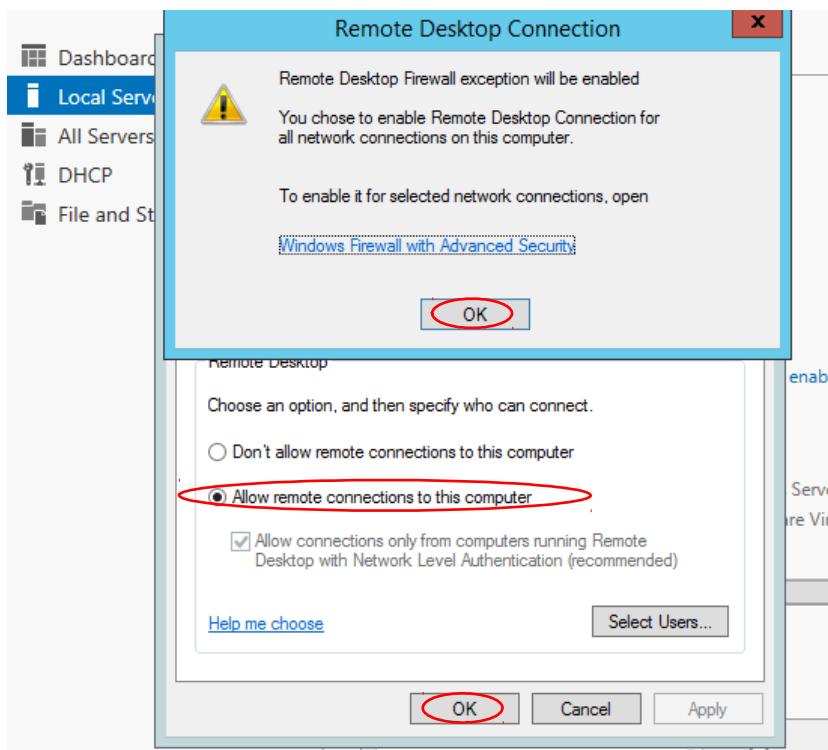
Setting	Value
Last installed updates	Never
Windows Update	Not configured
Last checked for updates	Never
Windows Error Reporting	Off
Customer Experience Improvement Program	Not participating
IE Enhanced Security Configuration	On
Time zone	(UTC+01:00) Brussels, Copenhagen, Madrid, Paris
Product ID	00252-10000-00000-AA228 (activated)
Processor	AMD A4-7210 APU with AMD Radeon R3 Graphics
Installed memory (RAM)	2 GB
Total disk space	59.66 GB

Clicamos en “on” y nos saldrá la siguiente ventana donde puedes poner denegar el servicio.



Ahora habilitaremos el **control remoto**





Después de cerrar el server manager y volverlo a abrir, se habrá habilitado nuestro control remoto.

Server Manager ▶ Local Server

PROPERTIES For RAFASERVER31

Computer name		RAFASERVER31	Last installed updates
Workgroup	WORKGROUP		Windows Update
Windows Firewall	Public: On		Last checked for updates
Remote management	Enabled		Windows Error Reporting
Remote Desktop	Enabled		Customer Experience Improvement Program
NIC Teaming	Disabled		IE Enhanced Security Configuration
Ethernet0	192.168.25.31, IPv6 enabled		Time zone
Operating system version	Microsoft Windows Server 2012 R2 Standard Evaluation		Product ID
Hardware information	VMware, Inc. VMware Virtual Platform		
		Processors	
		Installed memory (RAM)	
		Total disk space	

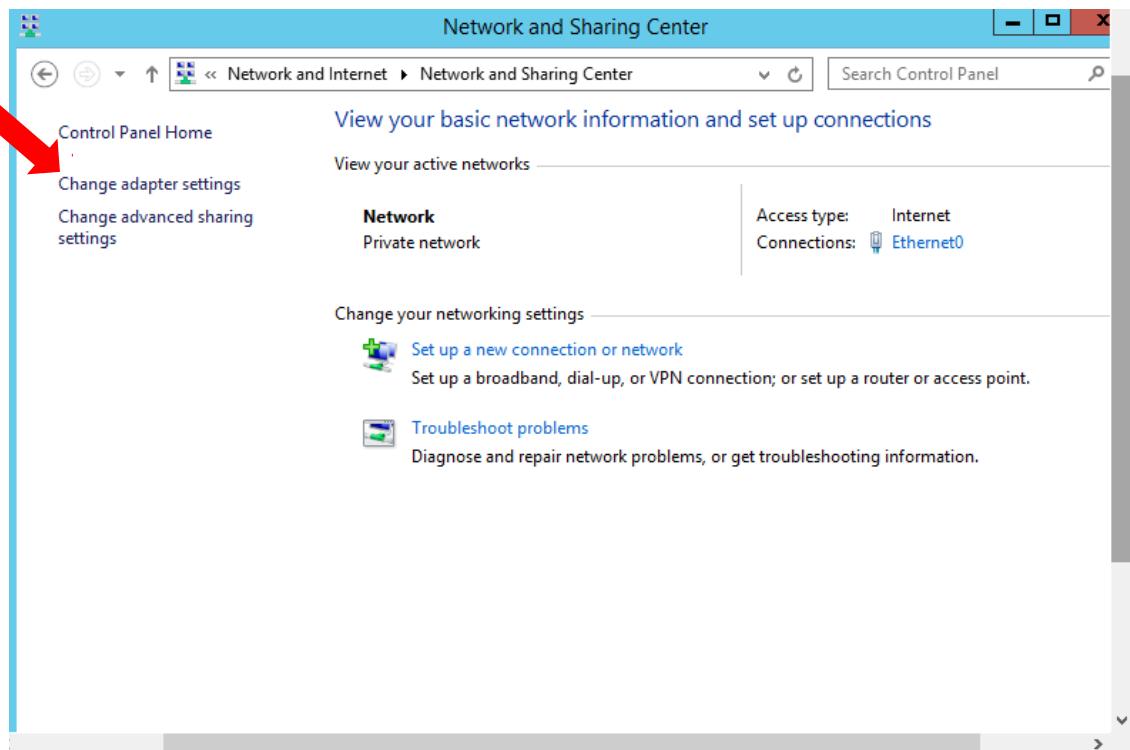
Deshabilitar las actualizaciones del software.

The screenshot shows the Windows Server Manager interface for a local server named RAFASERVER31. The left navigation pane is visible with options like Dashboard, Local Server (which is selected), All Servers, DHCP, and File and Storage Services. The main content area displays the 'PROPERTIES' for the selected server. A red circle highlights the 'Windows Update' status, which is listed as 'Not configured'. Other properties shown include Last installed updates (Never), Last checked for updates (Never), Windows Error Reporting (Off), Customer Experience Improvement Program (Not participating), IE Enhanced Security Configuration (Off), Time zone (UTC+01:00 Brussels, Copenhagen, Madrid, Paris), and Product ID (00252-10000-00000-AA228 (activated)). Below these settings, system information is provided: Server 2012 R2 Standard Evaluation, Virtual Platform, Processors (AMD A4-7210 APU with AMD Radeon R3 Graphics), Installed memory (RAM) (2 GB), and Total disk space (59.66 GB).

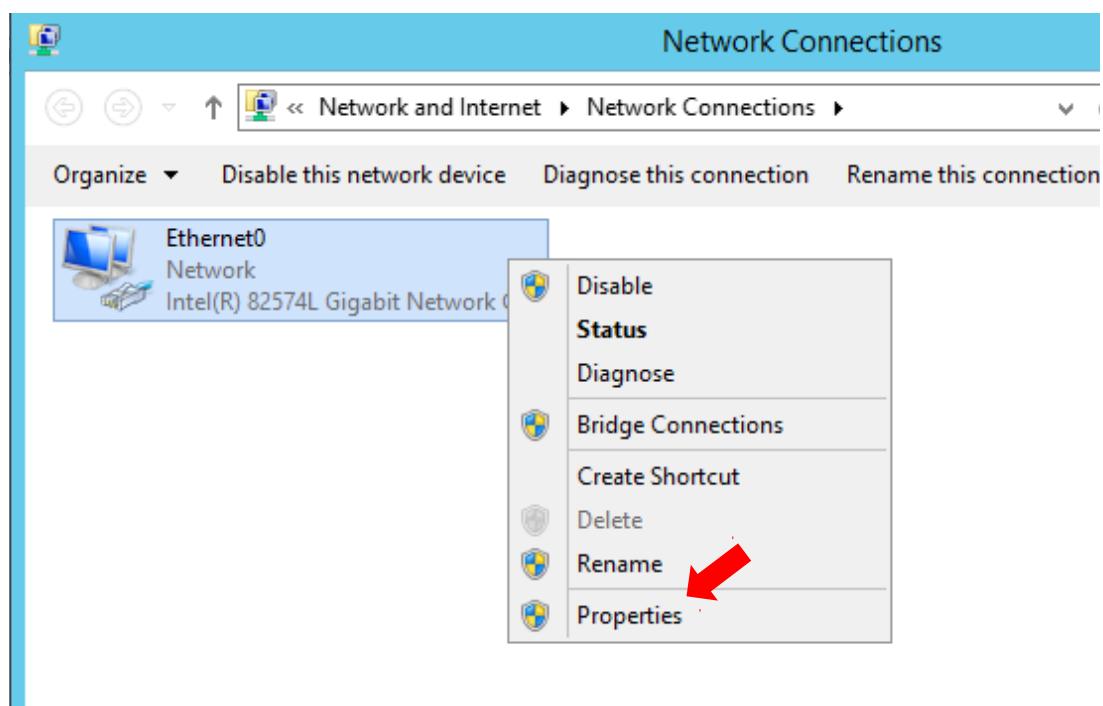
Configurar funciones de red. Control Panel >> Network and Sharing Center

The screenshot shows the Windows Control Panel under the 'Network and Internet' category. The left sidebar lists various options: Control Panel Home, System and Security, Network and Internet (which is selected and highlighted in blue), Hardware, Programs, User Accounts, Appearance, Clock, Language, and Region, and Ease of Access. The main pane displays two links: 'Network and Sharing Center' and 'Internet Options'. The 'Network and Sharing Center' link is described as 'View network status and tasks | Connect to a network | View network computers and devices'. The 'Internet Options' link is described as 'Change your homepage | Manage browser add-ons | Delete browsing history and cookies'. The Control Panel header shows the title 'Network and Internet' and the standard window controls.

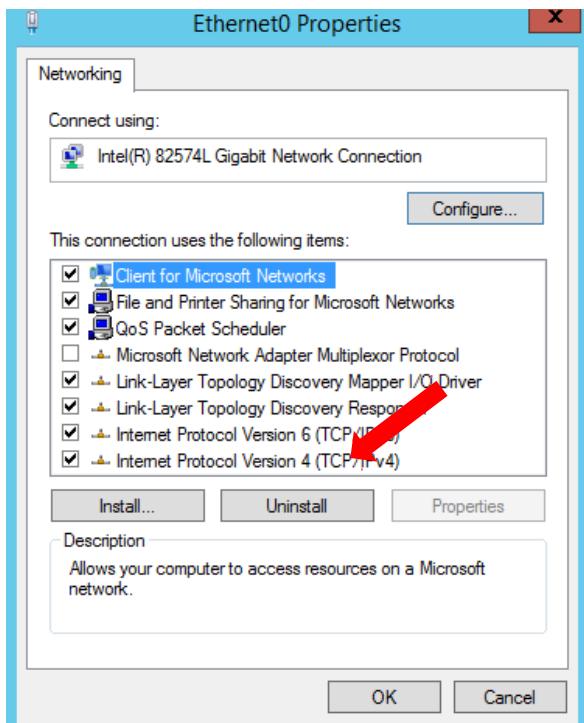
Cambiaremos la configuración del adaptador



Botón derecho >> Propiedades

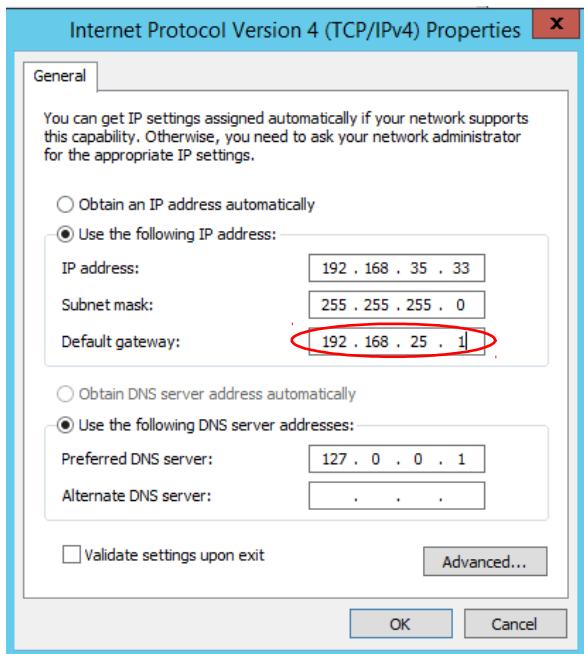


Damos doble click sobre protocolo Ipv4

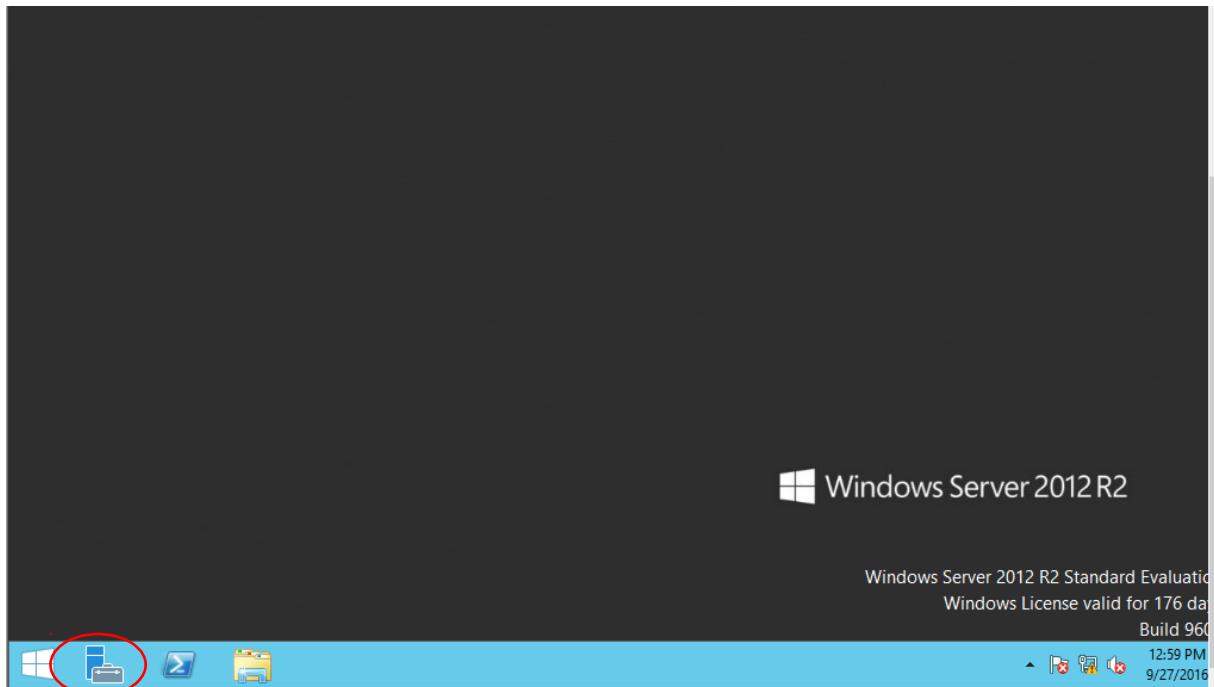


Demarcamos la opción de reparto automático y marcamos la opción dinámica. Después podemos llenar los parámetros necesarios de nuestra red. "Siempre y cuando estemos configurando la red interna" (LAN).

*NOTA: La puerta de enlace para la LAN (red interna) del servidor es la ip del router que suministra internet al propio servidor (router WAN – adaptador puente)



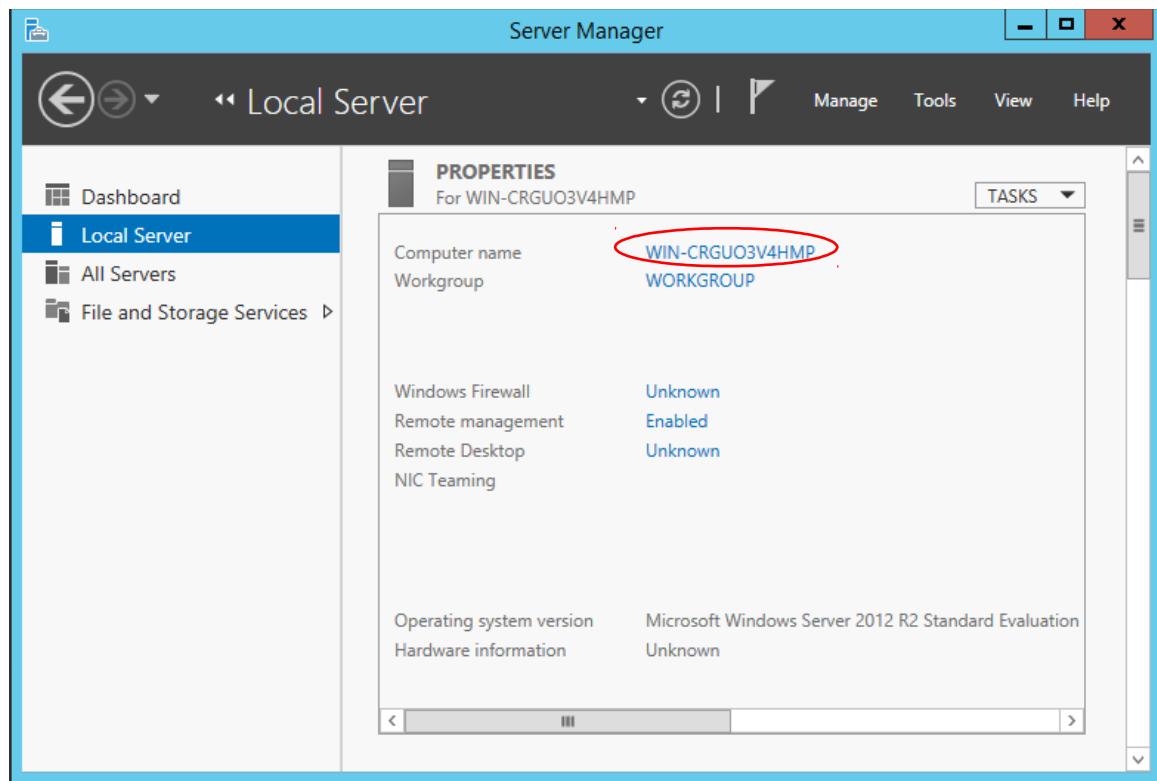
Cambiar el nombre del equipo. Segundo ícono de la barra de herramientas.



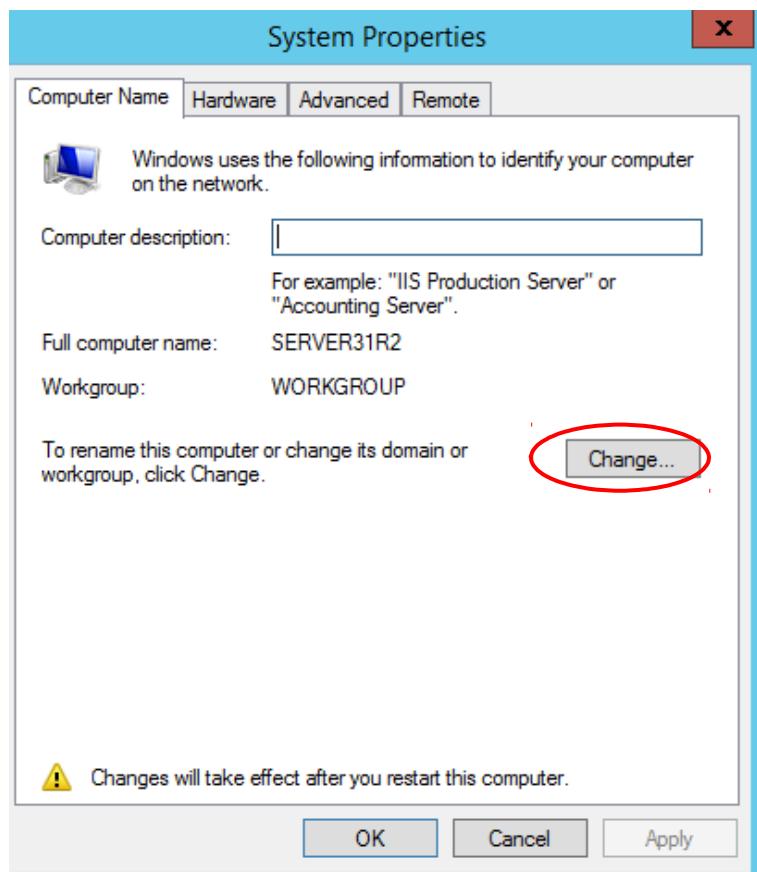
Local Server

A screenshot of the Server Manager dashboard. On the left, a navigation pane shows "Dashboard" (highlighted with a red arrow), "Local Server" (highlighted with a red box), and "All Servers". The main area is titled "WELCOME TO SERVER MANAGER" and contains a "QUICK START" section with "WHAT'S NEW" and "LEARN MORE" buttons, and a numbered list: 1. Configure this local server, 2. Add roles and features, 3. Add other servers to manage, 4. Create a server group. At the bottom, it shows "ROLES AND SERVER GROUPS" with "Roles: 0 | Server groups: 1 | Servers total: 1".

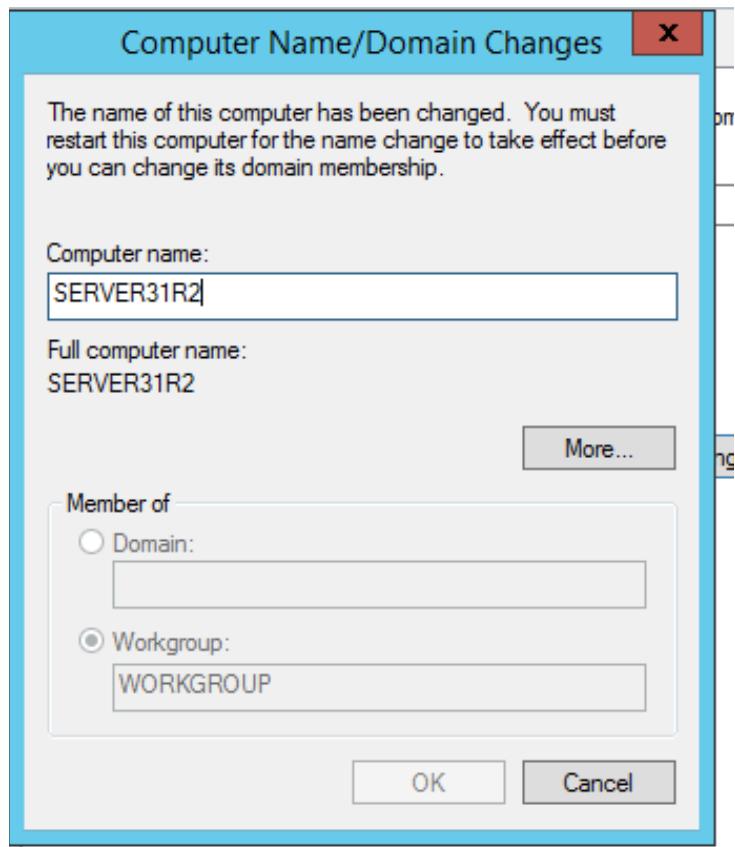
Doble click en ...



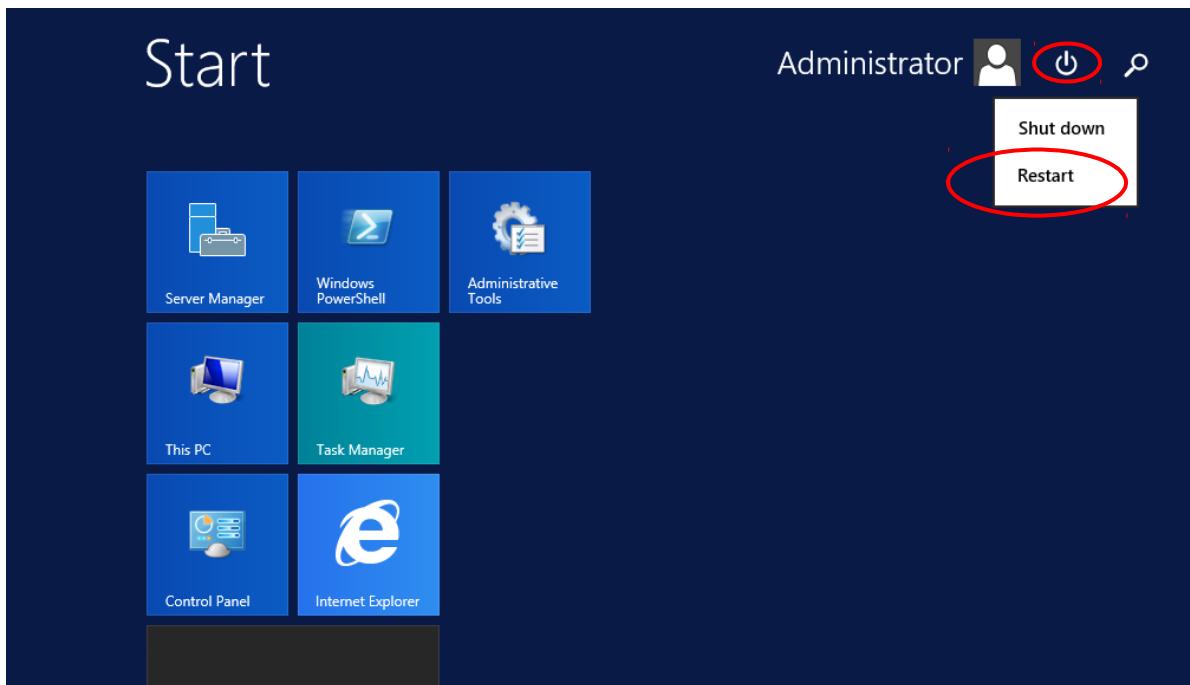
Aplicar cambios al sistema...



Le ponemos el nuevo nombre y damos todo ok.



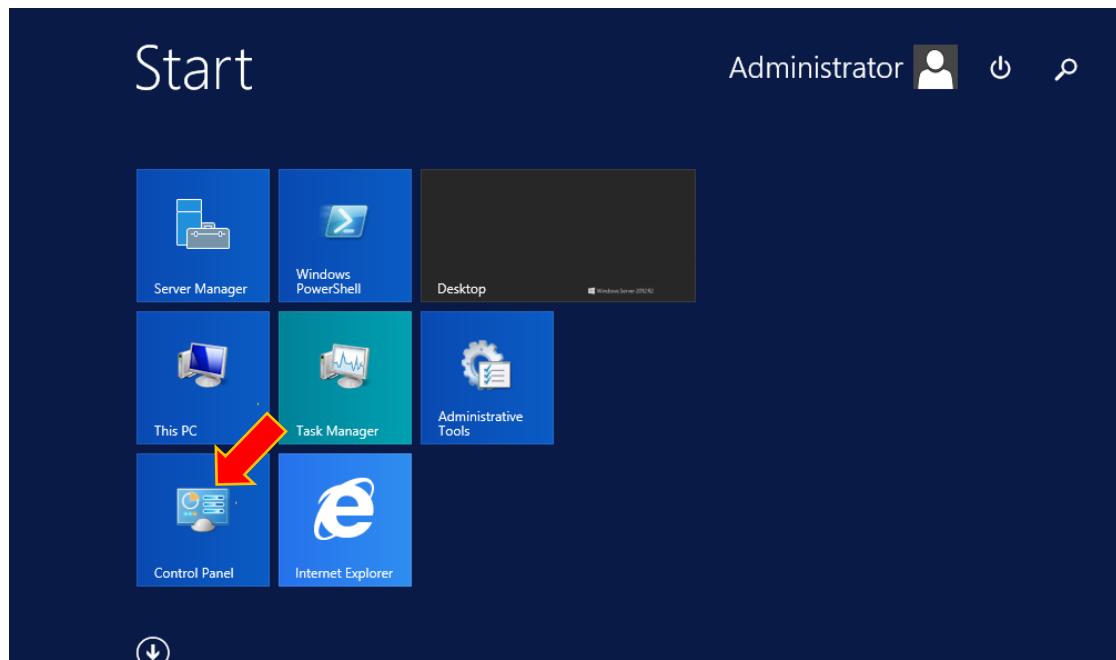
Ahora solo queda reiniciar nuestro sistema para que se apliquen todos los cambios.

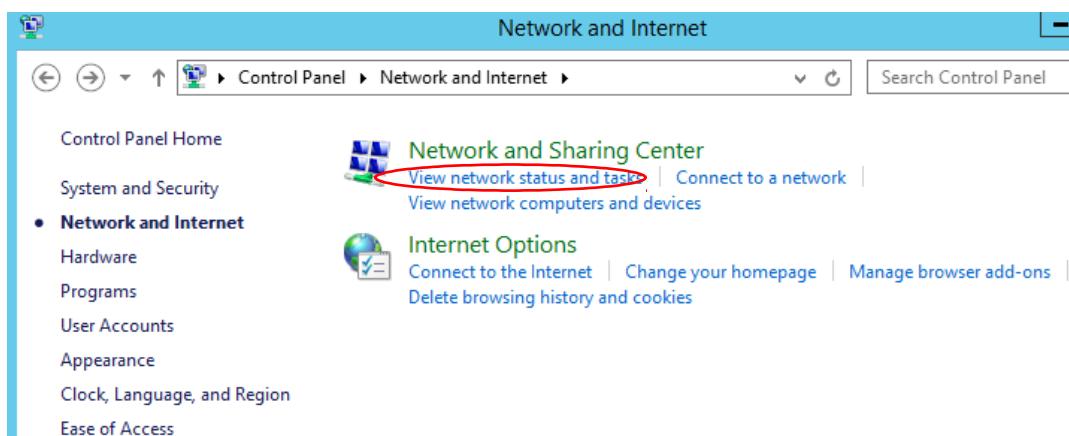
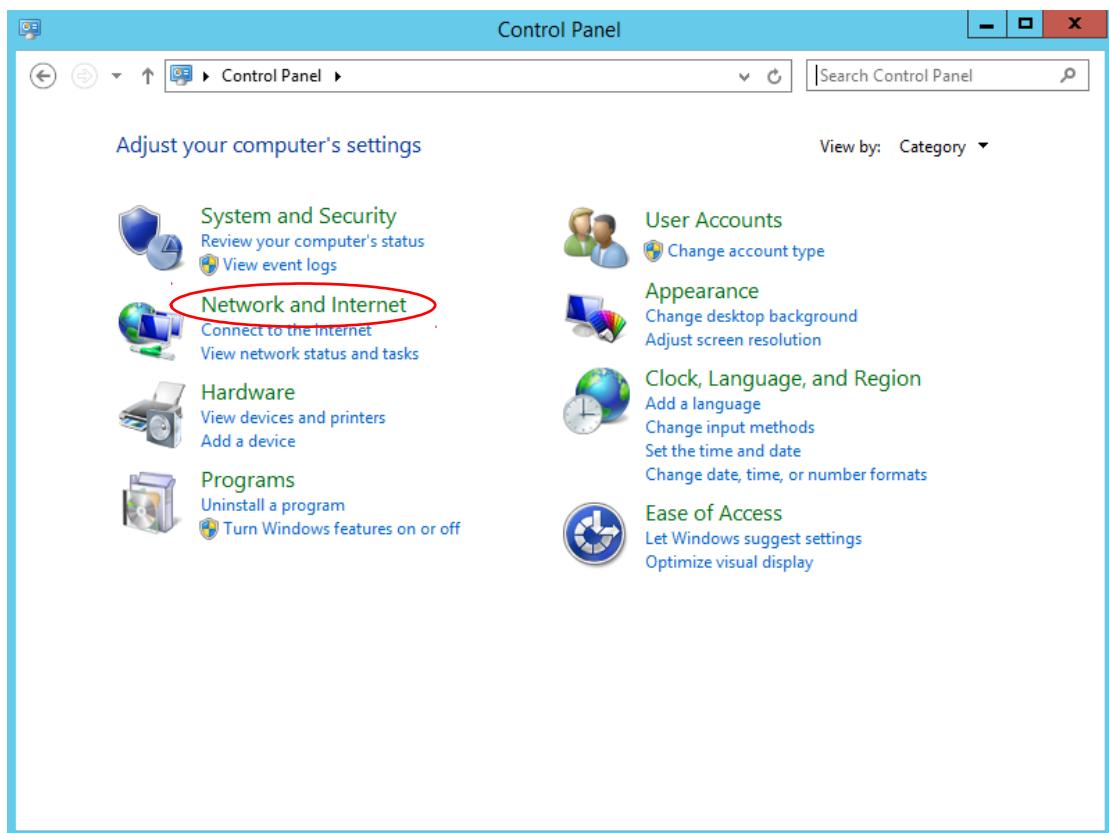


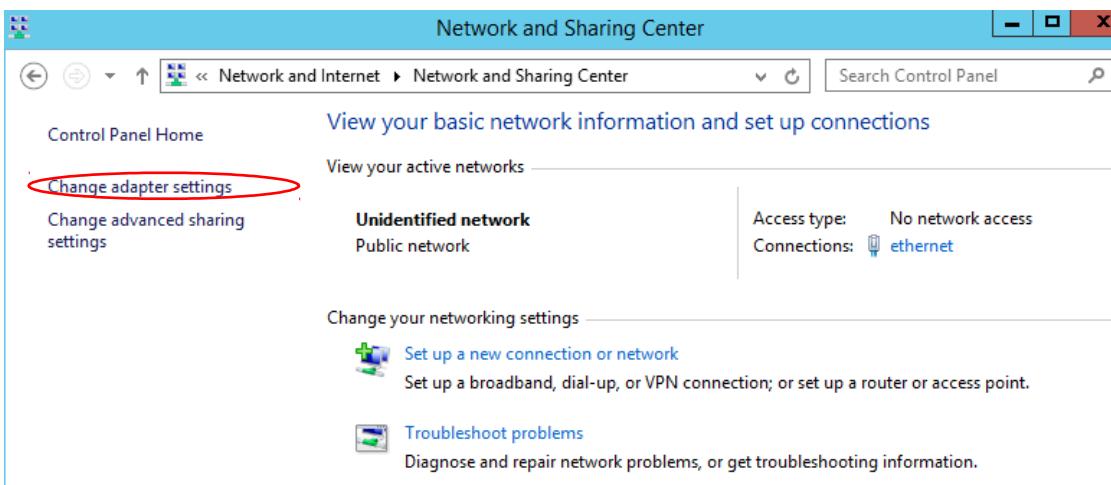
Ejercicio: Crear dos tarjetas de red (LAN - WAN)

Crearemos en nuestra máquina virtual dos tarjetas de red, una LAN y otra WAN. La LAN debe conectarse al router de clase, y la WAN al router MUNDO NUEVO del colegio.

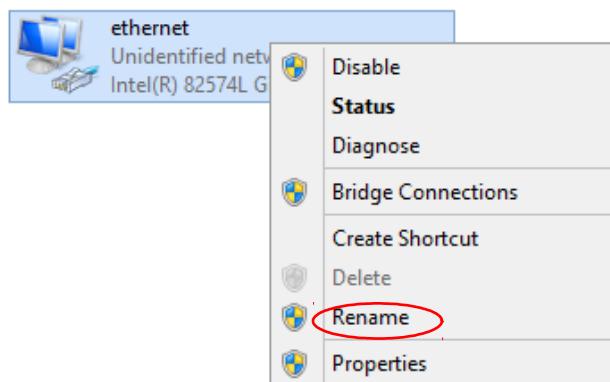
Primero vamos a renombrar la actual tarjeta de red con el nombre “LAN”





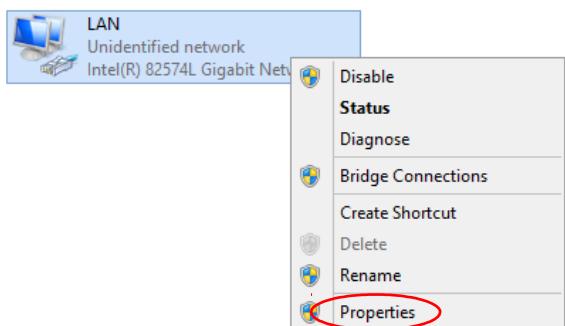


Botón derecho y renombramos con LAN

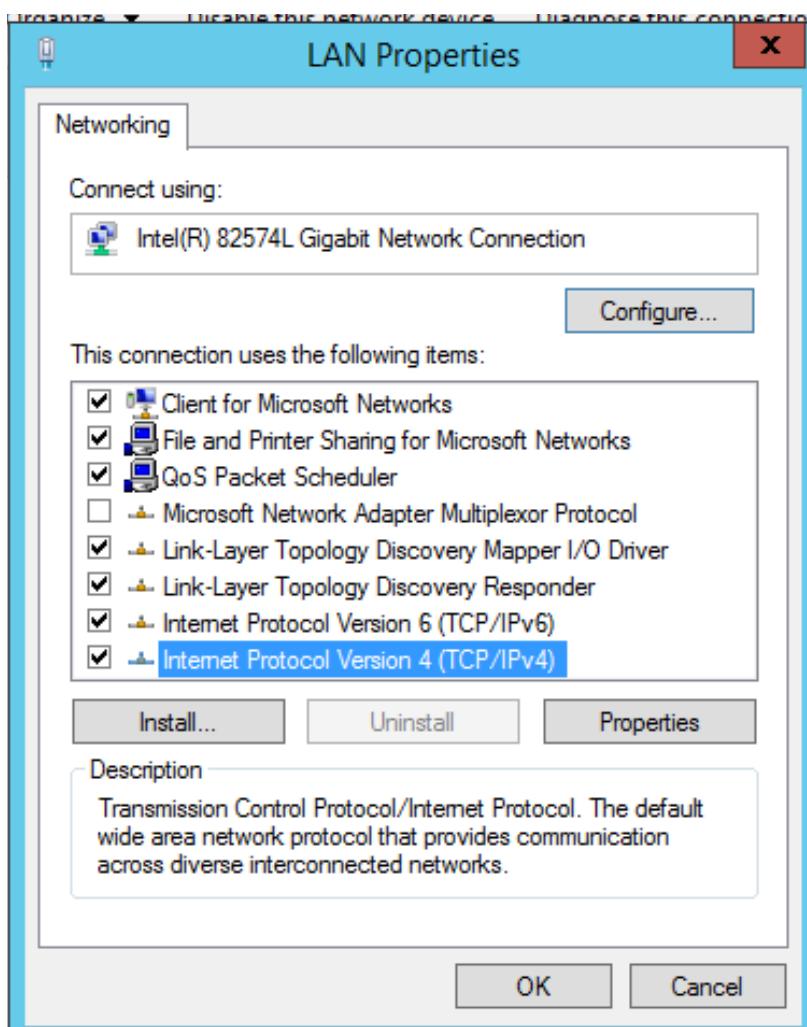


Ahora vamos a darle propiedades de conexión en red protocolo Ipv4.

Botón derecho - Properties

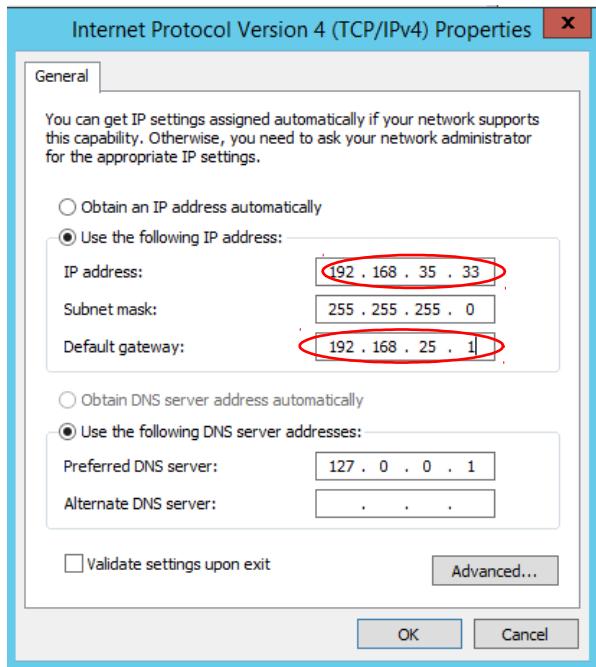


Doble click sobre Ipv4

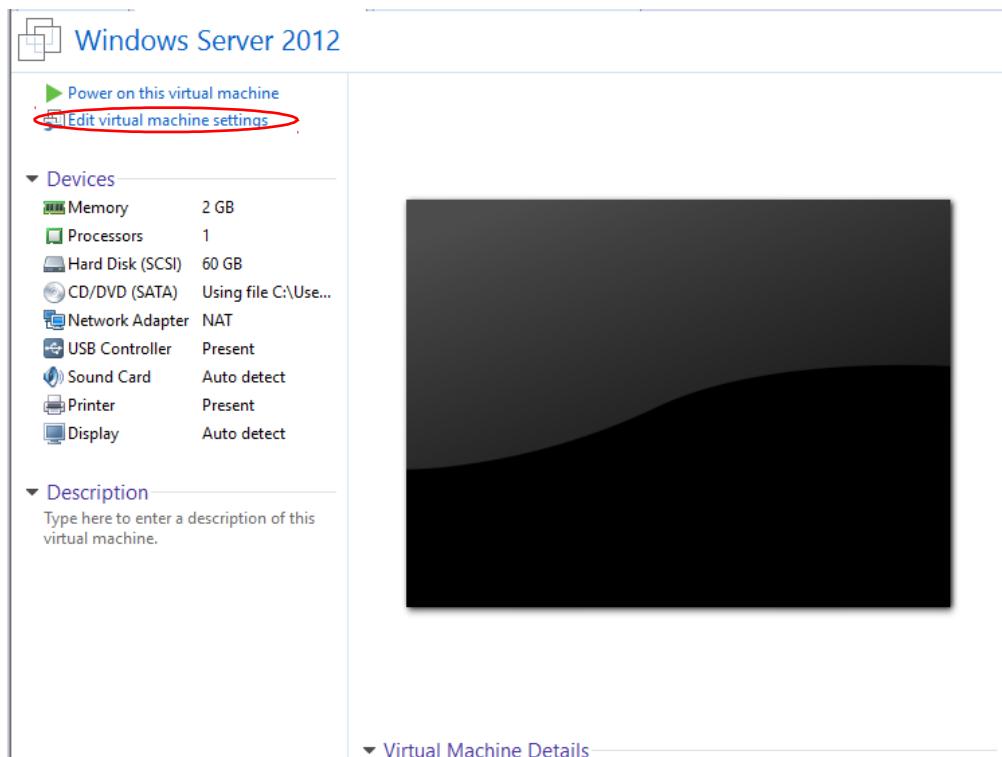


Y nos saldrá la ventana en la cual podemos asignar los parámetros de red que correspondan con la red a la que queremos conectar. En esta tarjeta de red (LAN), los parámetros corresponden al router de clase (JAZZTEL_W92).

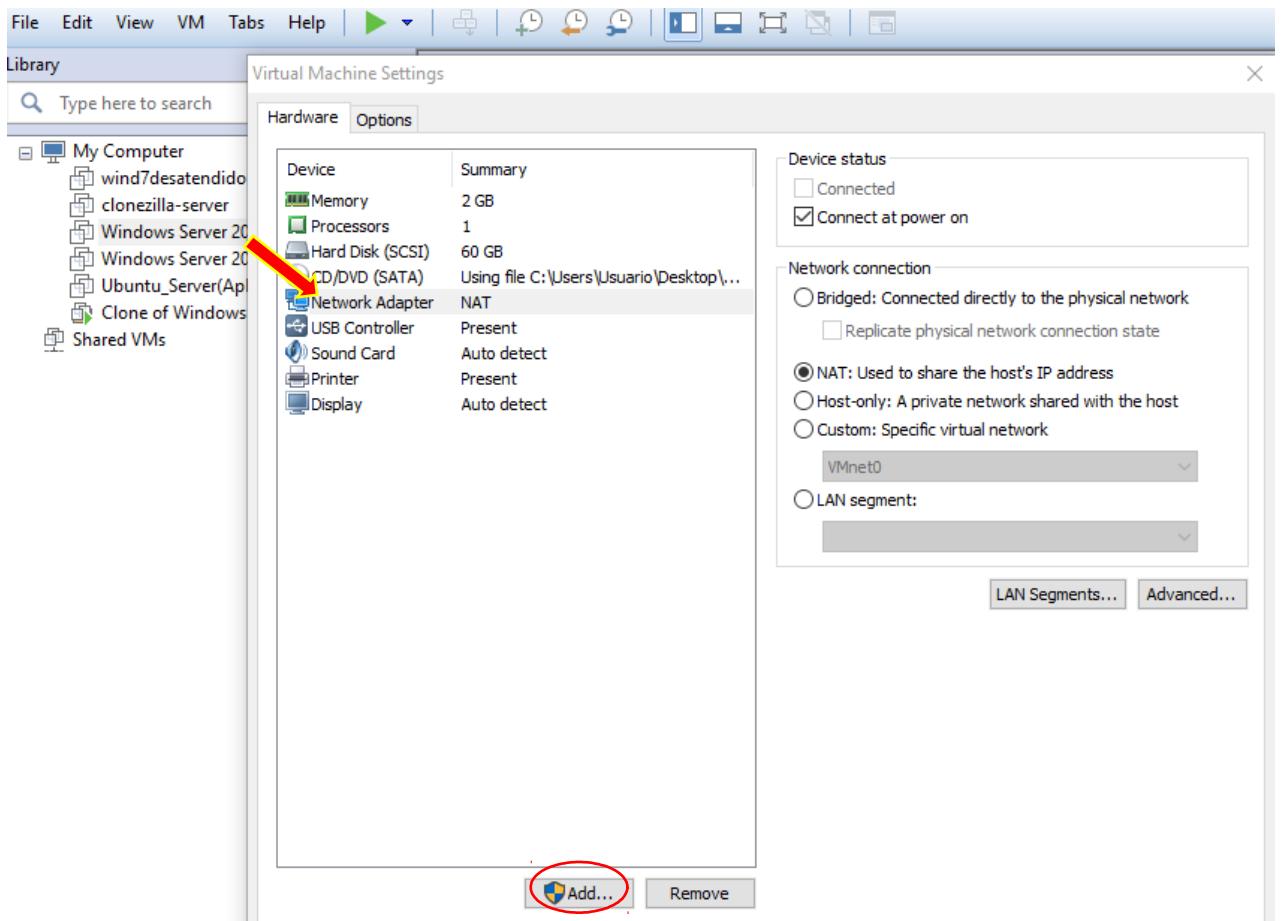
*NOTA: esta red no será la que nos proporcione internet, esta red será la red interna la cual sirve para suministro de recursos de nuestro SERVIDOR.



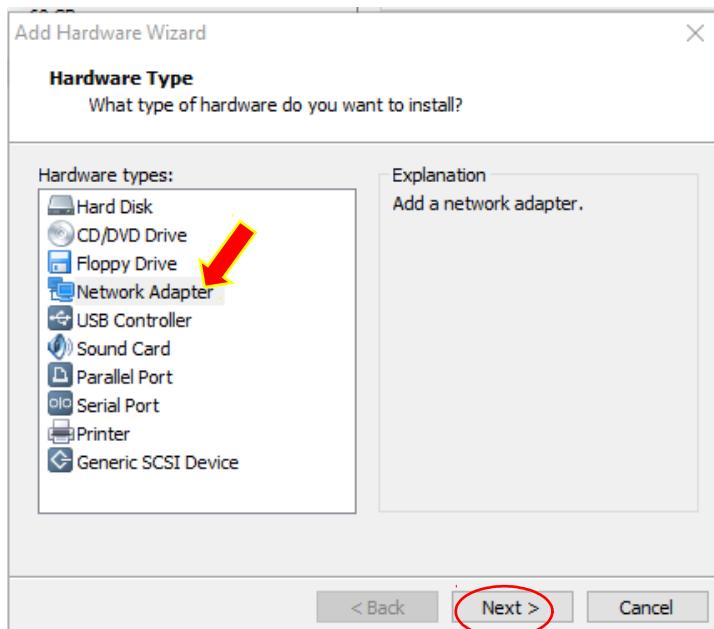
Ahora vamos a crear una nueva tarjeta de red en nuestra máquina virtual, esta será nuestra tarjeta WAN. Para ello vamos a la configuración de nuestra máquina.



Añadimos una tarjeta de red, señalando donde dice Network Adapter NAT y luego en añadir (Add)



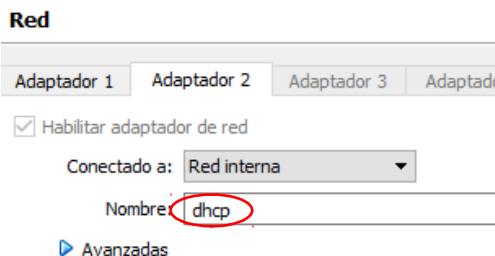
Volvemos a señalar la opción Network Adapter y todo ok hasta salir de la configuración.



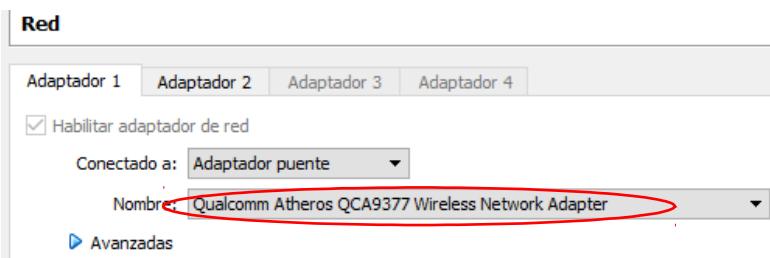
*IMPORTANTE: La tarjeta **LAN** pertenece a la **red interna**, por lo tanto debe estar configurada en modo “Red Interna”. Nuestra **WAN**, en modo **“Adaptador Puente”**. Con LAN simulamos una red interna en la cual nosotros seremos el servidor que reparta ips en ella, en cambio con WAN puenteamos con router para obtener línea-internet.

Quedaría así:

LAN

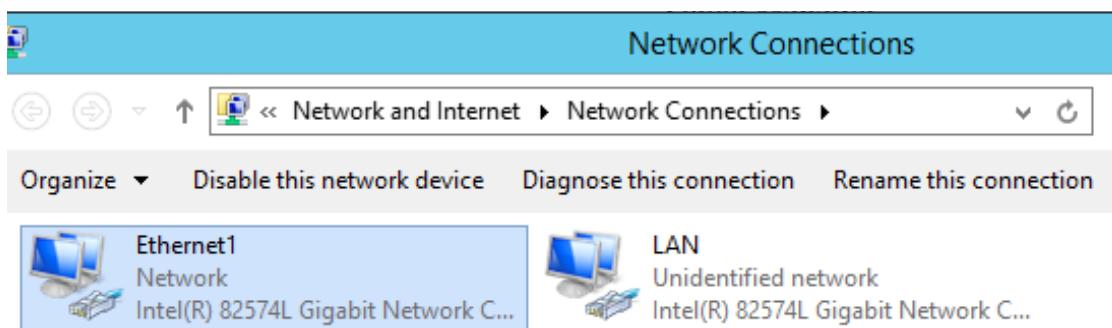


WAN

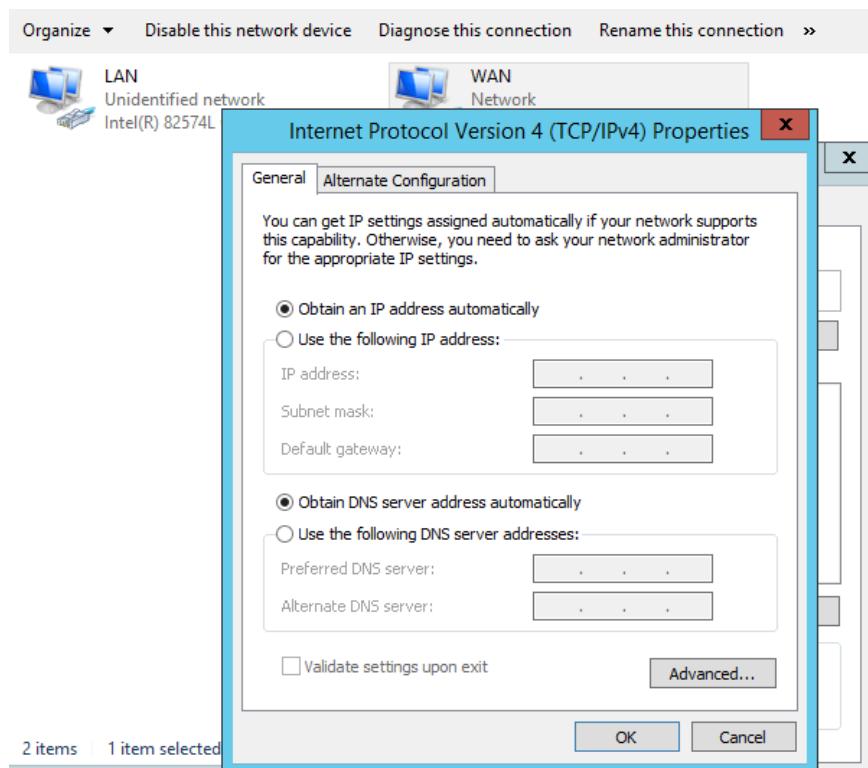


El siguiente paso sería encender de nuevo la máquina, y acceder a REDES Y RECURSOS COMPARTIDOS que se encuentra en nuestro PANEL DE CONTROL (Windows Server)

Como podemos ver, ya tenemos dos tarjetas de red. Cambiaremos el nombre y demás configuraciones a nuestra segunda tarjeta de red para que adopte los parámetros de configuración en la red MUNDO NUEVO del colegio.

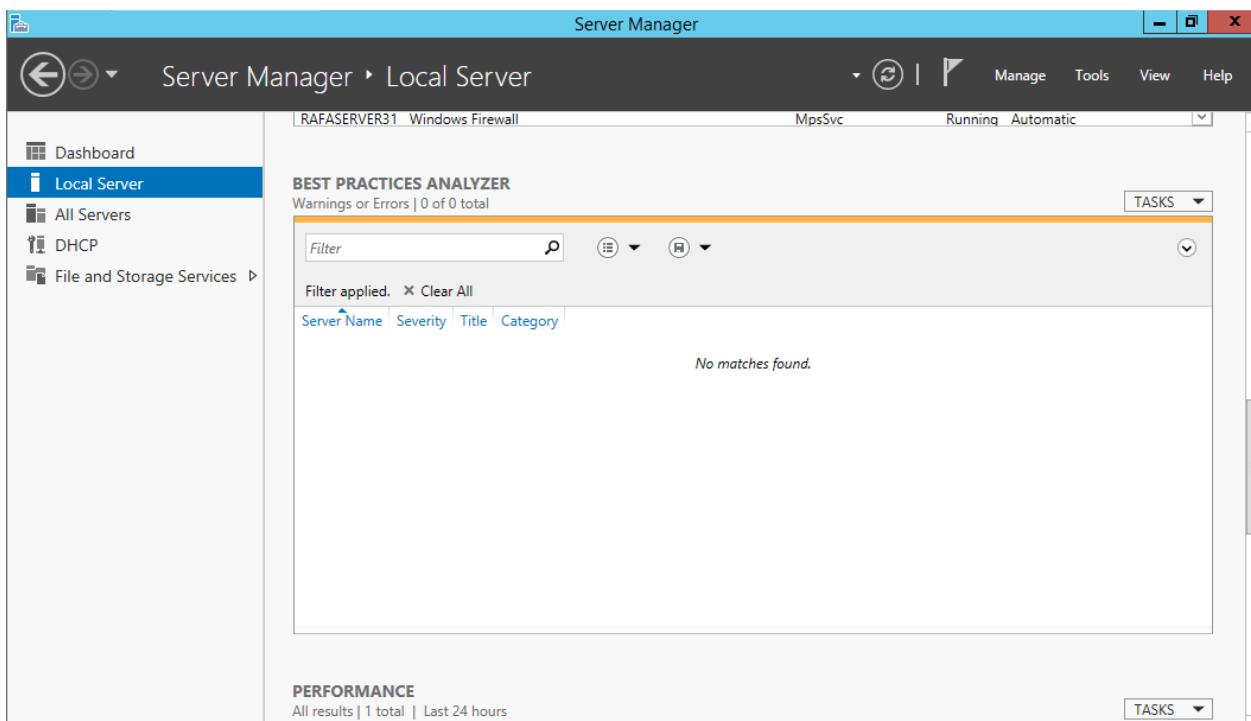


En tarjeta WAN, configurar en IPv4 reparto automático de Ip

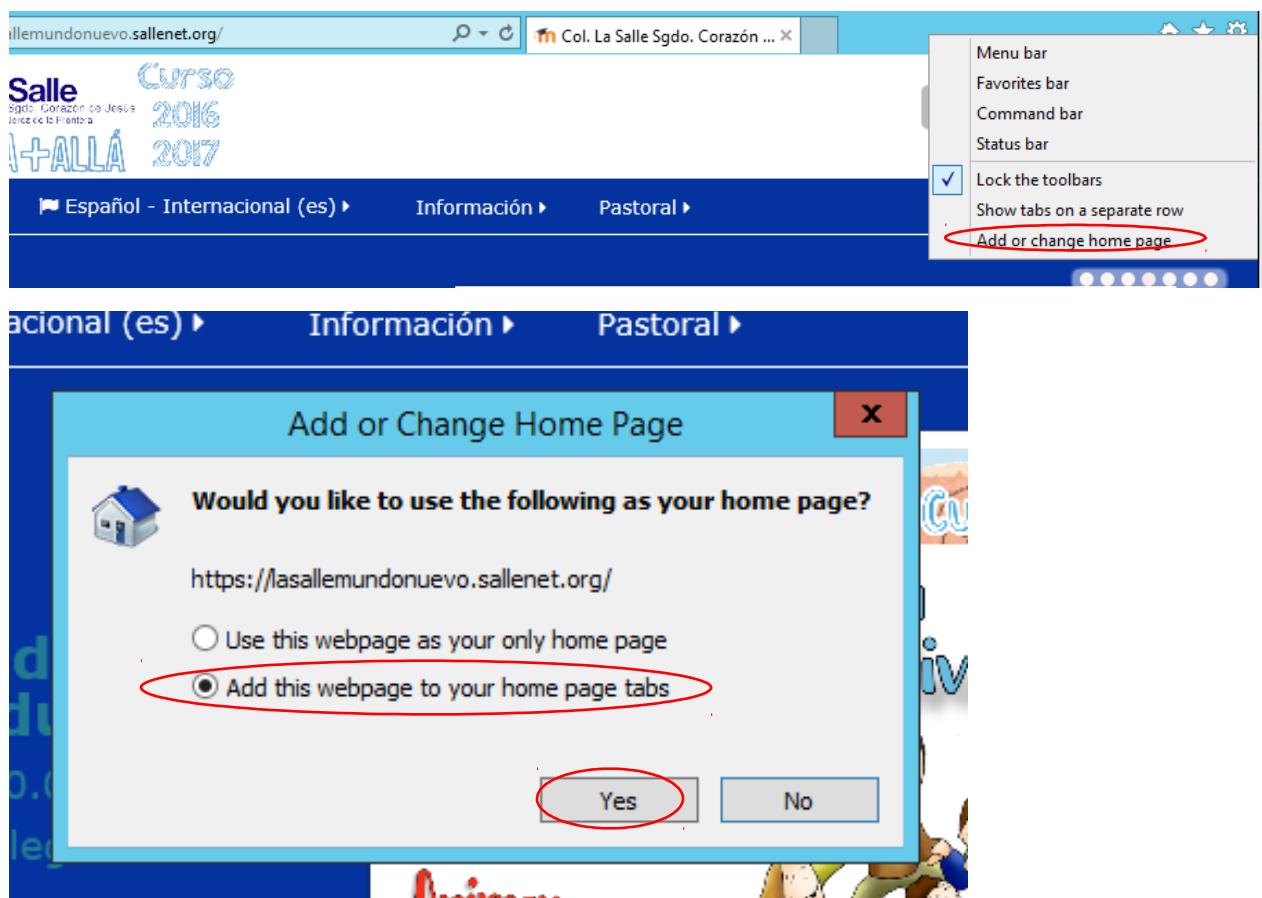


En **LOCAL SERVER "TASK"**, ahí podemos hacer un análisis del sistema en busca de errores.

Accedemos en LOCAL SERVER, y solo debemos pasar la barra de desplazamiento para abajo, y ahí nos encontramos el apartado del cual hablamos.



Configurar página de inicio de nuestro navegador: pondremos la página de La Salle. Y en la parte superior-derecha, “en la especie de casita que se ve”, clicamos con botón derecho y elegimos la opción “Add or change home page” (Añadir o cambiar página de inicio)



Denegar que la interfaz gráfica de Server Manager aparezca por defecto.

Abrimos nuestro SERVER MANAGER y en la parte superior-derecha clicamos donde dice “Manager”, y elegimos la opción “Server Manager Properties”. Una vez ahí denegamos el servicio.

