Taller Configuración Y Certificación de Red Lan

Juan Pablo Morales, Jhonatan Steven Camacho, Enmanuel Toro Marin Colegio de Ingeniería de Sistemas, Institución Universitaria Colegios de Colombia

Topologias de Red

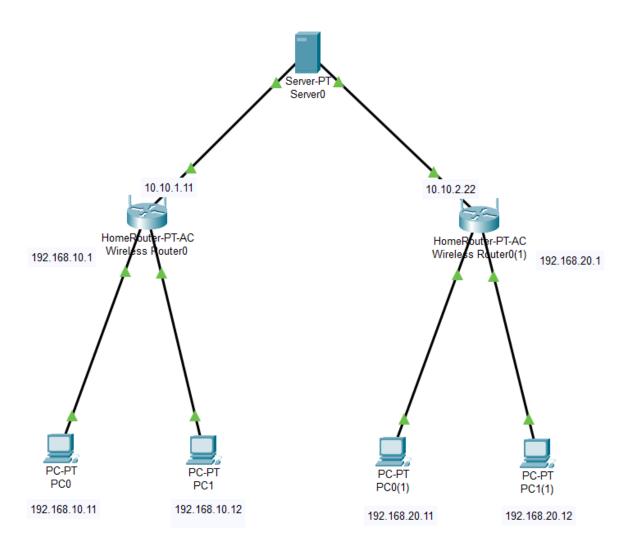
Uriel Castañeda Sierra

04 de Noviembre de 2023

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Red 192.168.10.1	4

Diseño global



Desarrollo y Montaje de la Red

Red 192.168.10.1

Diagrama del montaje Simulacion:

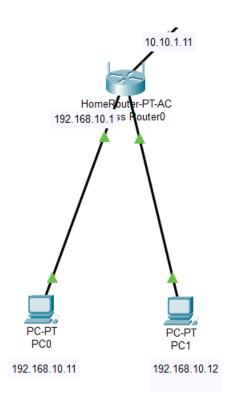
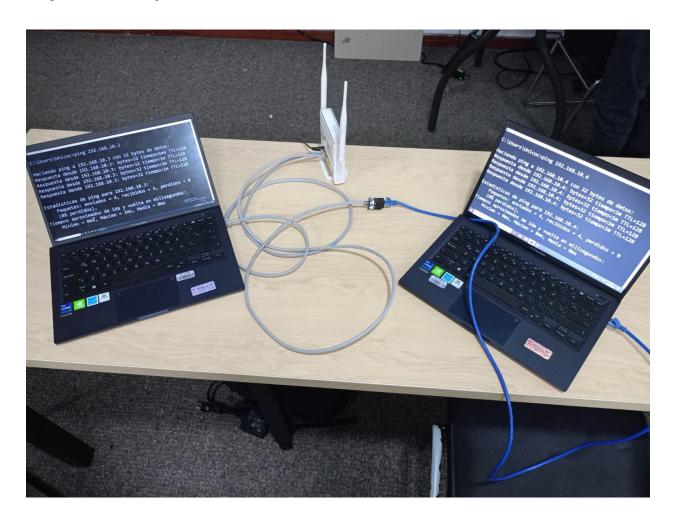
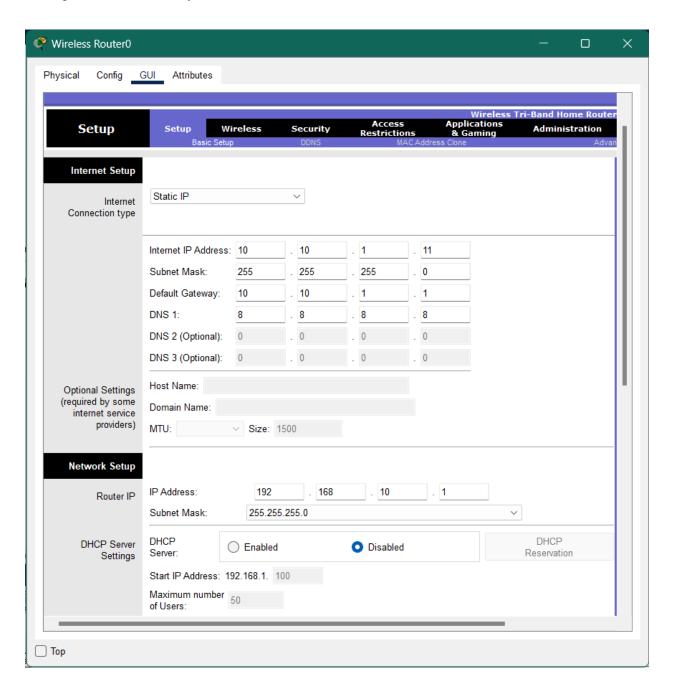


Diagrama del montaje Fisico:



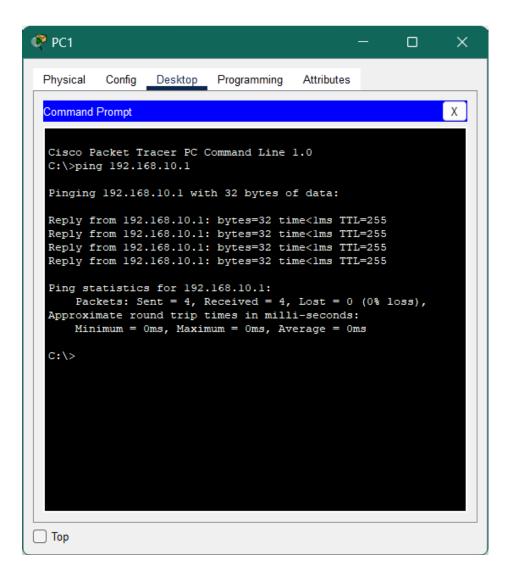
Configuracion del WAN y LAN del Router



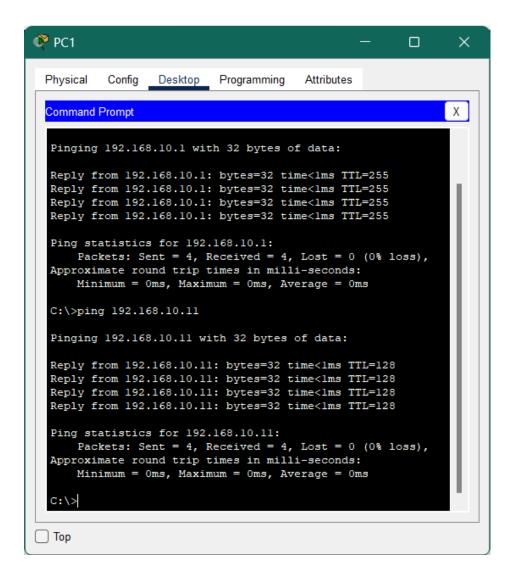
Configuración IP del PC1

```
PC1
                                               Physical
        Config
              Desktop
                      Programming
                                Attributes
 Command Prompt
                                                    Χ
  Cisco Packet Tracer PC Command Line 1.0
 C:\>ipconfig
 FastEthernet0 Connection: (default port)
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address.....: FE80::20A:41FF:FE81:C870
    IPv6 Address....::
    IPv4 Address..... 192.168.10.12
    Subnet Mask..... 255.255.255.0
    Default Gateway....::::
                               192.168.10.1
 Bluetooth Connection:
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address....::
    IPv6 Address....::::
    IPv4 Address..... 0.0.0.0
    Subnet Mask..... 0.0.0.0
    Default Gateway....::::
Top
```

Ping del PC1 al Router



Ping del PC1 al PC0



Configuración IP del PC0:

```
PC0
                                             Physical
         Config
              Desktop Programming
                                Attributes
 Command Prompt
                                                  Χ
 Cisco Packet Tracer PC Command Line 1.0
 C:\>ipconfig
 FastEthernet0 Connection: (default port)
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address...... FE80::20A:41FF:FE0C:C2A6
    IPv6 Address....: ::
    IPv4 Address..... 192.168.10.11
    Subnet Mask..... 255.255.255.0
    Default Gateway....::::
                                192.168.10.1
 Bluetooth Connection:
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address....::
    IPv6 Address....: ::
    IPv4 Address..... 0.0.0.0
    Subnet Mask..... 0.0.0.0
    Default Gateway....:::
                                0.0.0.0
 C:\>
Тор
```

Ping del PC0 al Router:

```
PC0
                                                Physical
                Desktop Programming
                                   Attributes
                                                      Χ
 Command Prompt
     IPv4 Address..... 192.168.10.11
    Subnet Mask..... 255.255.255.0
    Default Gateway....:::
                                  192.168.10.1
  Bluetooth Connection:
    Connection-specific DNS Suffix..:
    Link-local IPv6 Address....:::
    IPv6 Address....: ::
    IPv4 Address..... 0.0.0.0
     Subnet Mask..... 0.0.0.0
    Default Gateway....::
                                  0.0.0.0
  C:\>ping 192.168.10.1
  Pinging 192.168.10.1 with 32 bytes of data:
  Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
  Reply from 192.168.10.1: bytes=32 time=10ms TTL=255
  Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
  Reply from 192.168.10.1: bytes=32 time<1ms TTL=255
  Ping statistics for 192.168.10.1:
     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
     Minimum = 0ms, Maximum = 10ms, Average = 2ms
  C:\>
☐ Top
```

Ping del PC0 al PC1:

