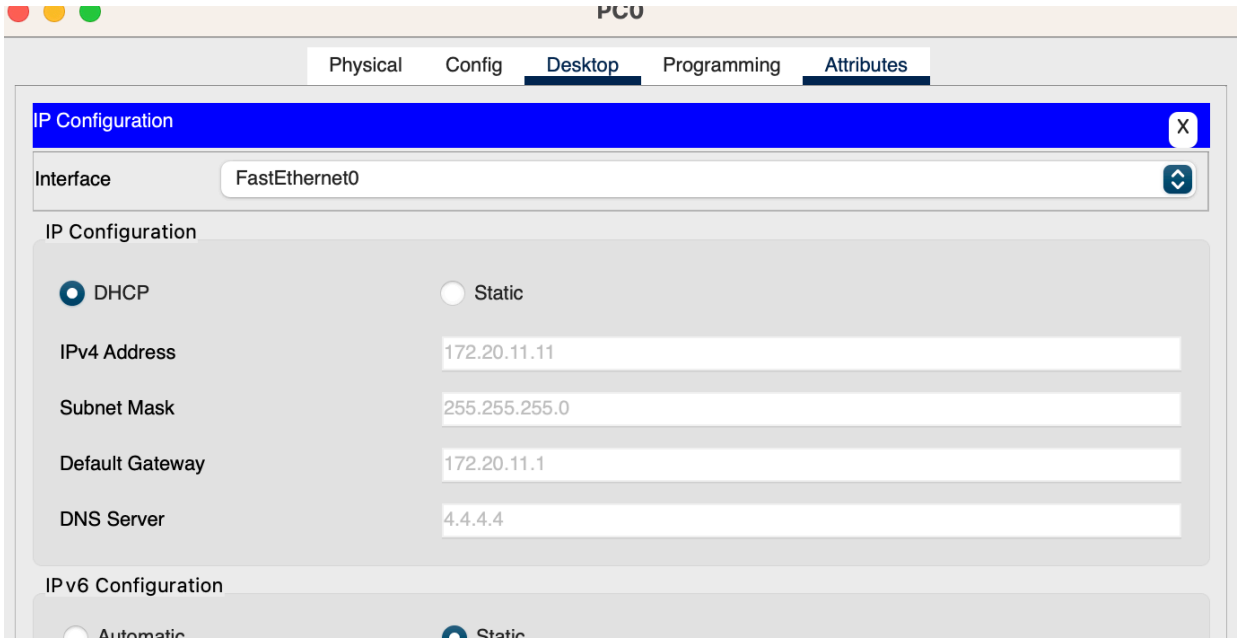
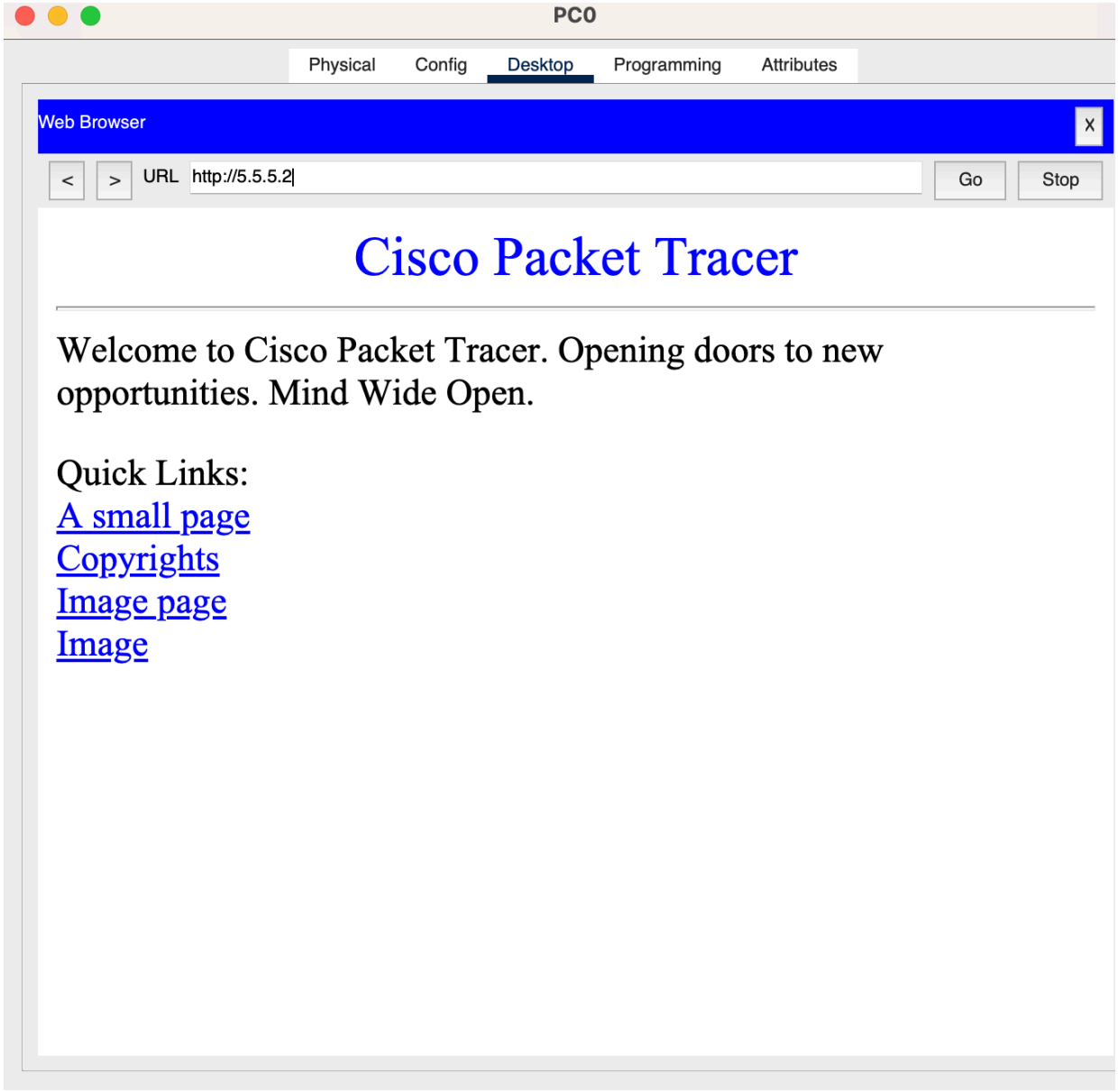
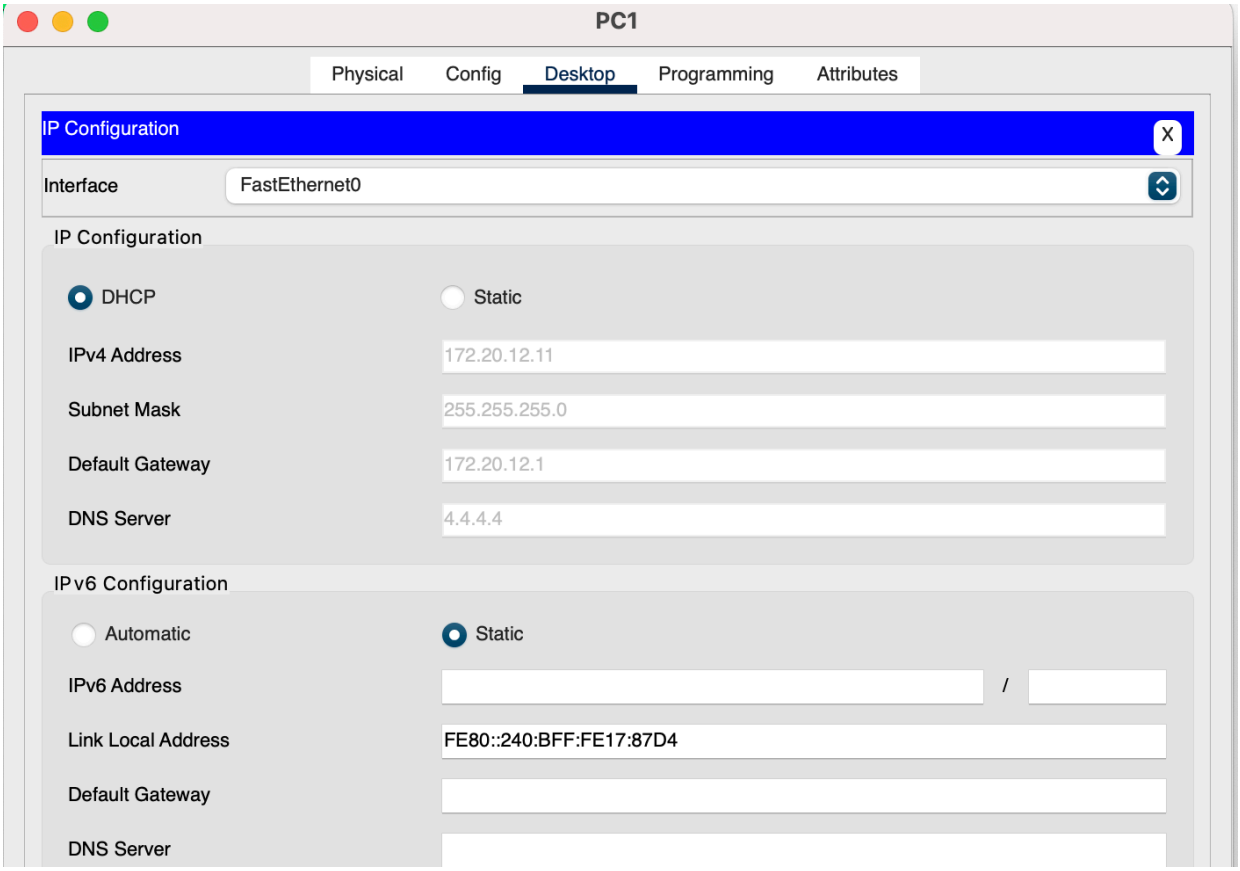
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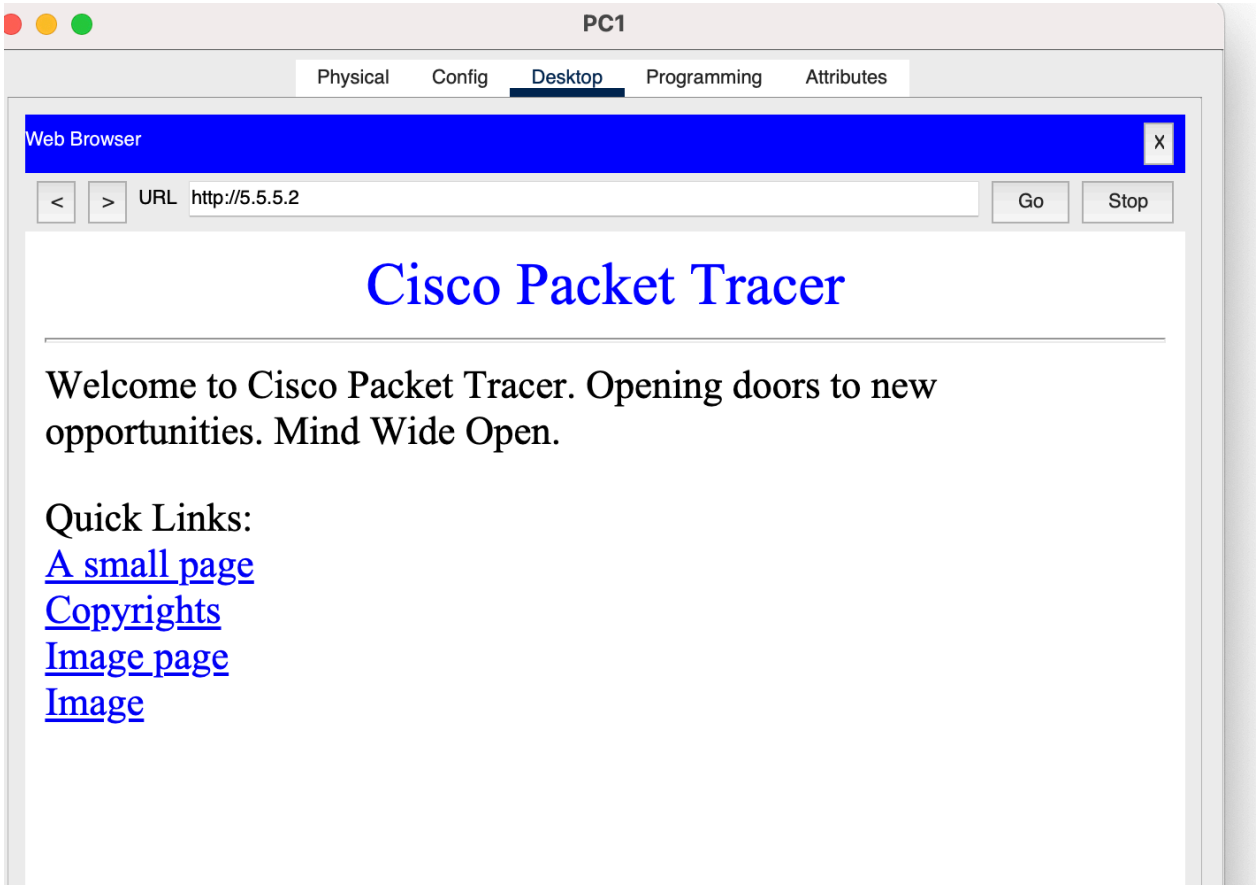
Pc 0



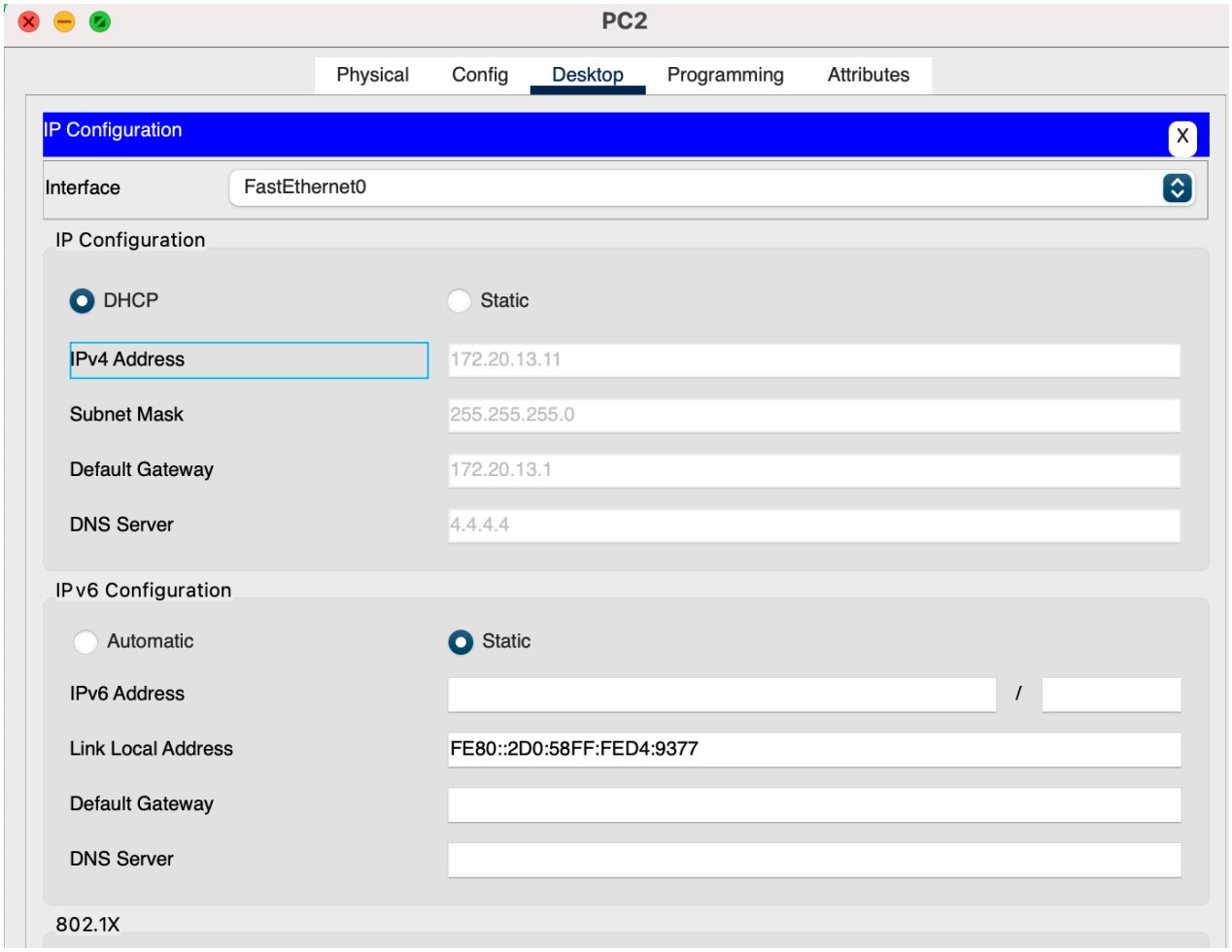


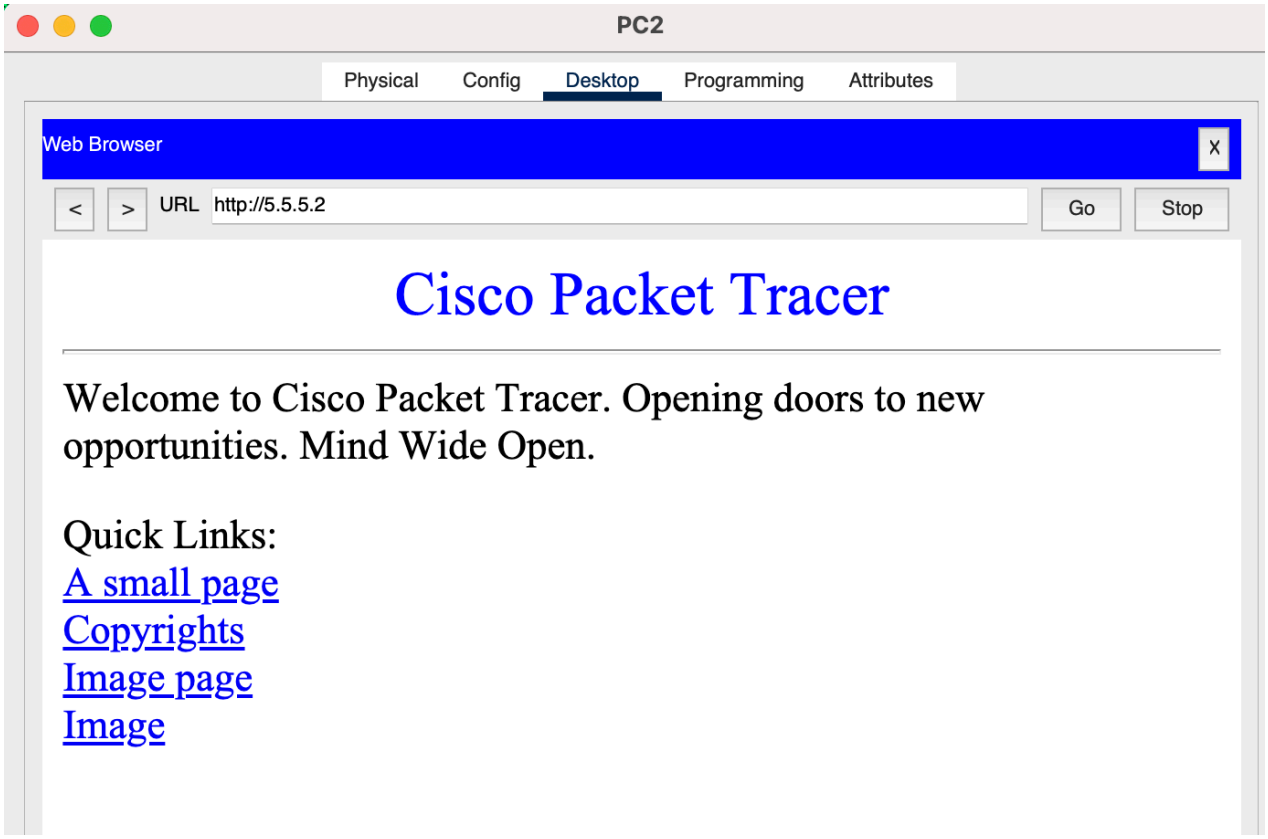
Pc 1


PC1
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
172.20.12.11
Subnet Mask
255.255.255.0
Default Gateway
172.20.12.1
DNS Server
4.4.4.4
IPv6 Configuration
Automatic
Static
IPv6 Address
/
Link Local Address
FE80::240:BFF:FE17:87D4
Default Gateway
DNS Server

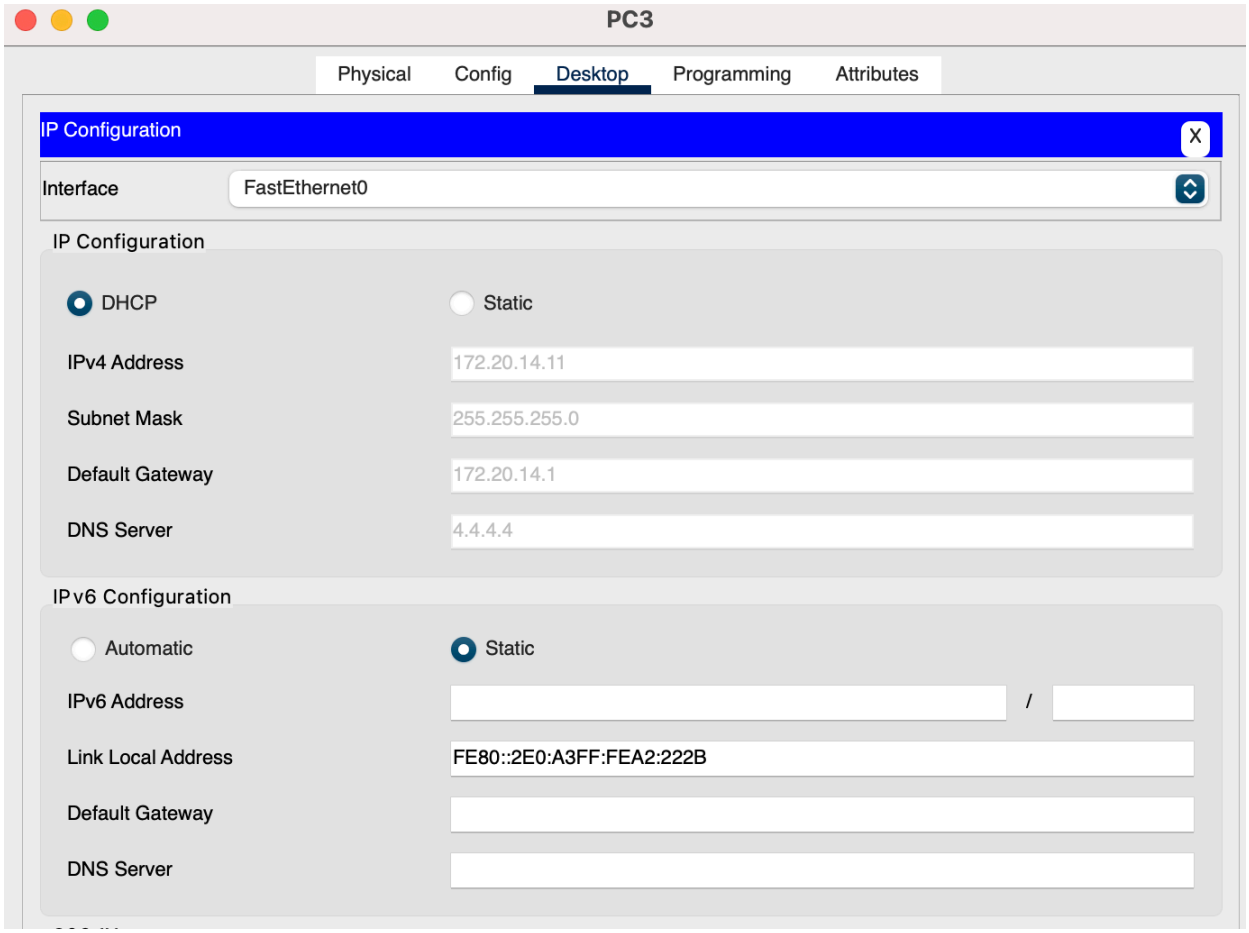

PC1
Physical
Config
Desktop
Programming
Attributes
Web Browser
X
<
>
URL
http://5.5.5.2
Go
Stop
Cisco Packet Tracer
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Quick Links:
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Image

Pc 2


PC2
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
172.20.13.11
Subnet Mask
255.255.255.0
Default Gateway
172.20.13.1
DNS Server
4.4.4.4
IPv6 Configuration
Automatic
Static
IPv6 Address
/
Link Local Address
FE80::2D0:58FF:FED4:9377
Default Gateway
DNS Server
802.1X

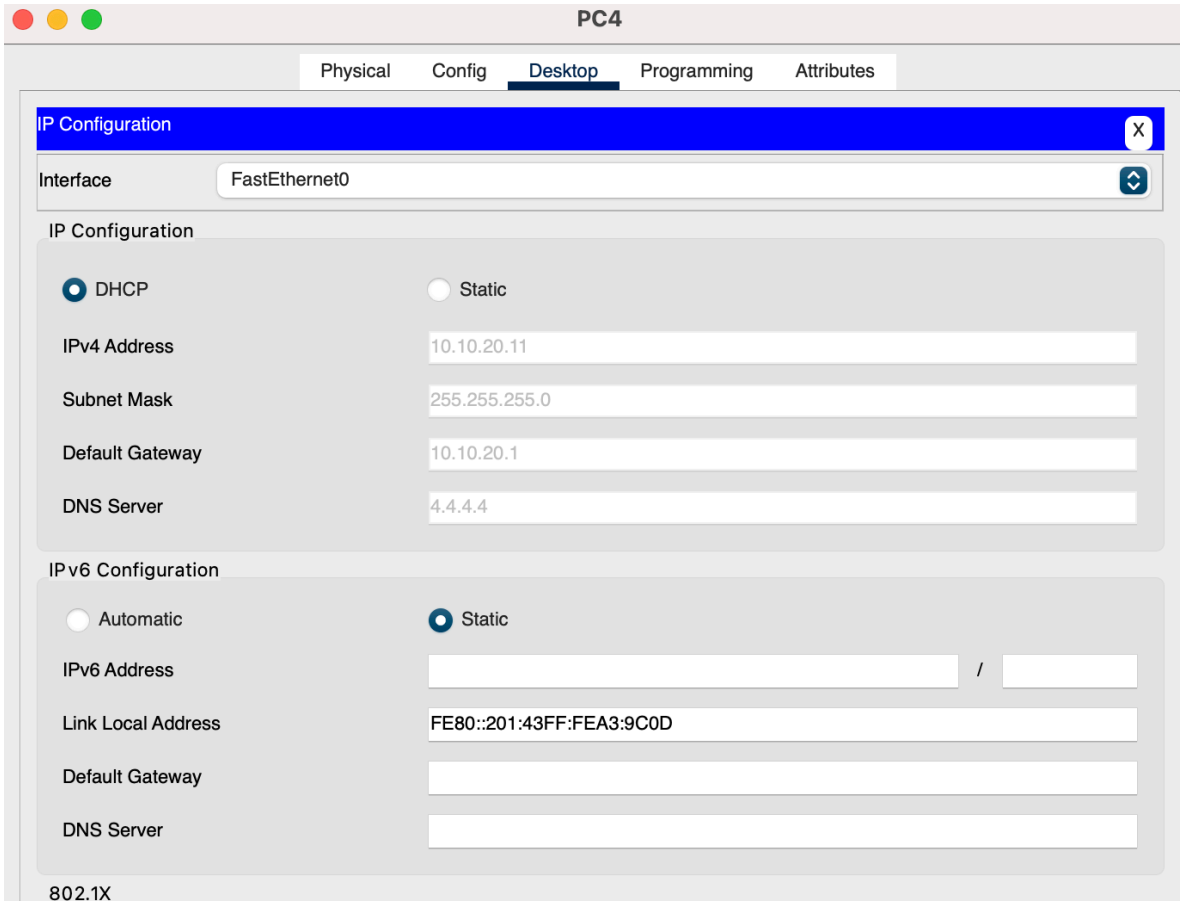

PC2
Physical
Config
Desktop
Programming
Attributes
Web Browser
X
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URL
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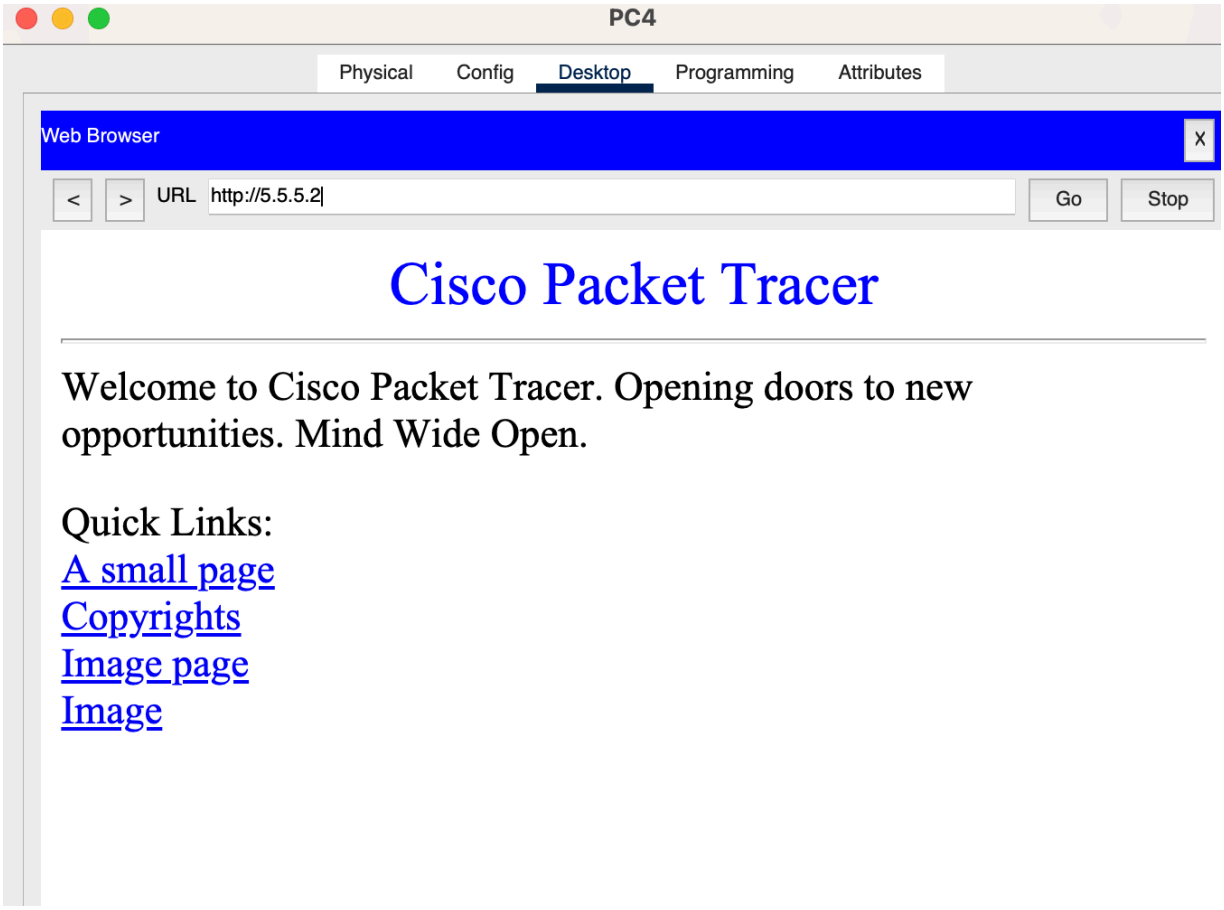
Pc 3


PC3
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
172.20.14.11
Subnet Mask
255.255.255.0
Default Gateway
172.20.14.1
DNS Server
4.4.4.4
IPv6 Configuration
Automatic
Static
IPv6 Address
/
Link Local Address
FE80::2E0:A3FF:FEA2:222B
Default Gateway
DNS Server

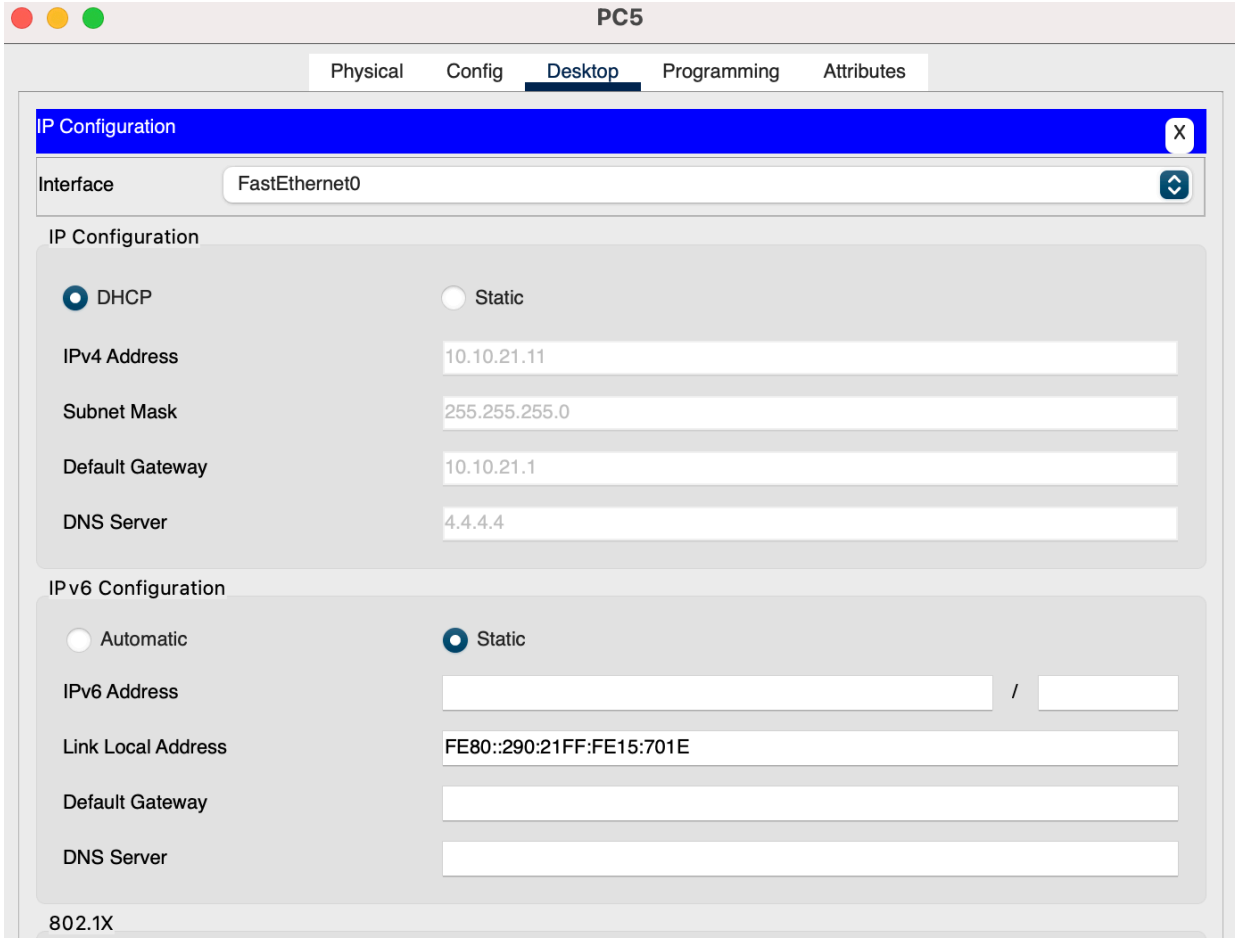

PC3
Physical
Config
Desktop
Programming
Attributes
Web Browser
X
<
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URL
http://5.5.5.2
Go
Stop
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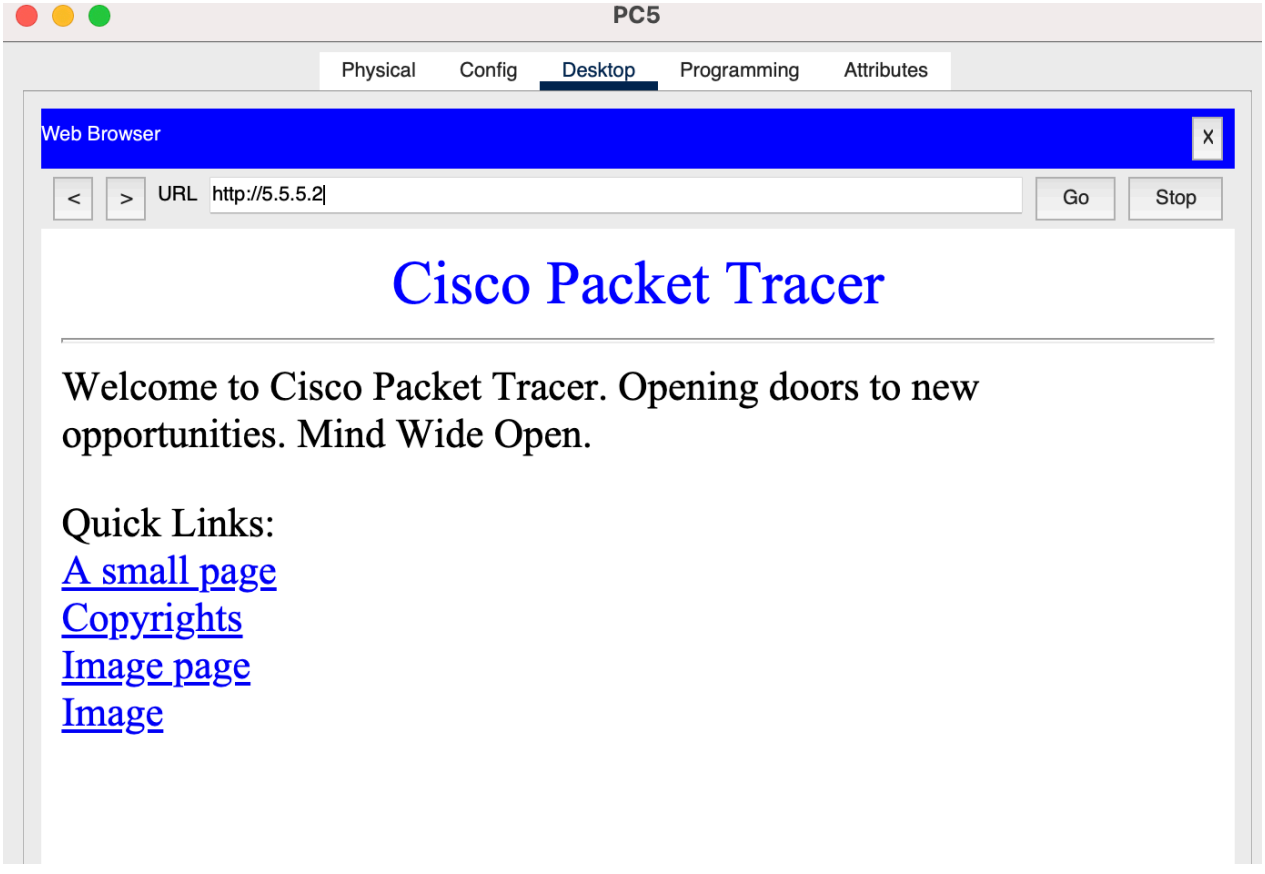
Pc 4


PC4
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
10.10.20.11
Subnet Mask
255.255.255.0
Default Gateway
10.10.20.1
DNS Server
4.4.4.4
IPv6 Configuration
Automatic
Static
IPv6 Address
/
Link Local Address
FE80::201:43FF:FEA3:9C0D
Default Gateway
DNS Server
802.1X


PC4
Physical
Config
Desktop
Programming
Attributes
Web Browser
X
<
>
URL
http://5.5.5.2
Go
Stop
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Image

Pc 5


PC5
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
10.10.21.11
Subnet Mask
255.255.255.0
Default Gateway
10.10.21.1
DNS Server
4.4.4.4
IPv6 Configuration
Automatic
Static
IPv6 Address
/
Link Local Address
FE80::290:21FF:FE15:701E
Default Gateway
DNS Server
802.1X


PC5
Physical
Config
Desktop
Programming
Attributes
Web Browser
X
<
>
URL
http://5.5.5.2
Go
Stop
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Adımları kısaca açıklamak gerekirse;

1. Vtp server tüm cihazlara olanları dağıtmak için uygulandı.

2. Vtp clientlerda serverden vlanları alabilmeleri için client moda alındır. Her iki türünde vtp domain nameleri aynı olmalı.

3.Trunk mod switch üzerinde birden fazla port kaplamamsı için uygulanır. Böylece birden fazla vlan tek porttan çıkış yapabilir.
4.Bu adımda bsa switch'i layer 2'den layer 3'e çektik. İlgili interface'e ip vererek router ile konuşmasını sağladık.
5.Full connectivity için ospf protokolünü çalıştırdık. Böylece cihazlar birbirlerinin router tablolarından haberdar olabildiler. Bu sayede tüm topoloji boyunca her noktaya erişim sağlanabiliyor.
6.Bazı cihazlara default statik routing verdikki bu sayede Isp'ye giden ve isp'den gelen bağlantılar yerlerine ulaşabilsin. Ayrıca isp'de de bu bağlantıyı sağladıki ki normalde burada bizim kontrolümüz olmaz. Isı tarafı bunu ev ortamında modeme otomatik tanımlar, iş ortamında ise bize bilgi verir.

7. Tüm cihazlar ip adreslerini bsa switch'den alması için dhcp serverı tanımladık ve ilk on vlan ip'sini hariç tuttuk. Bunun dışında pc'lerin iplerini dhcp'den almaları için configre ettik. Bu sayede tüm cihazlar ip'lerini merkezden alabildiler.

Teşekkürler.

Ömer Kızılgedik