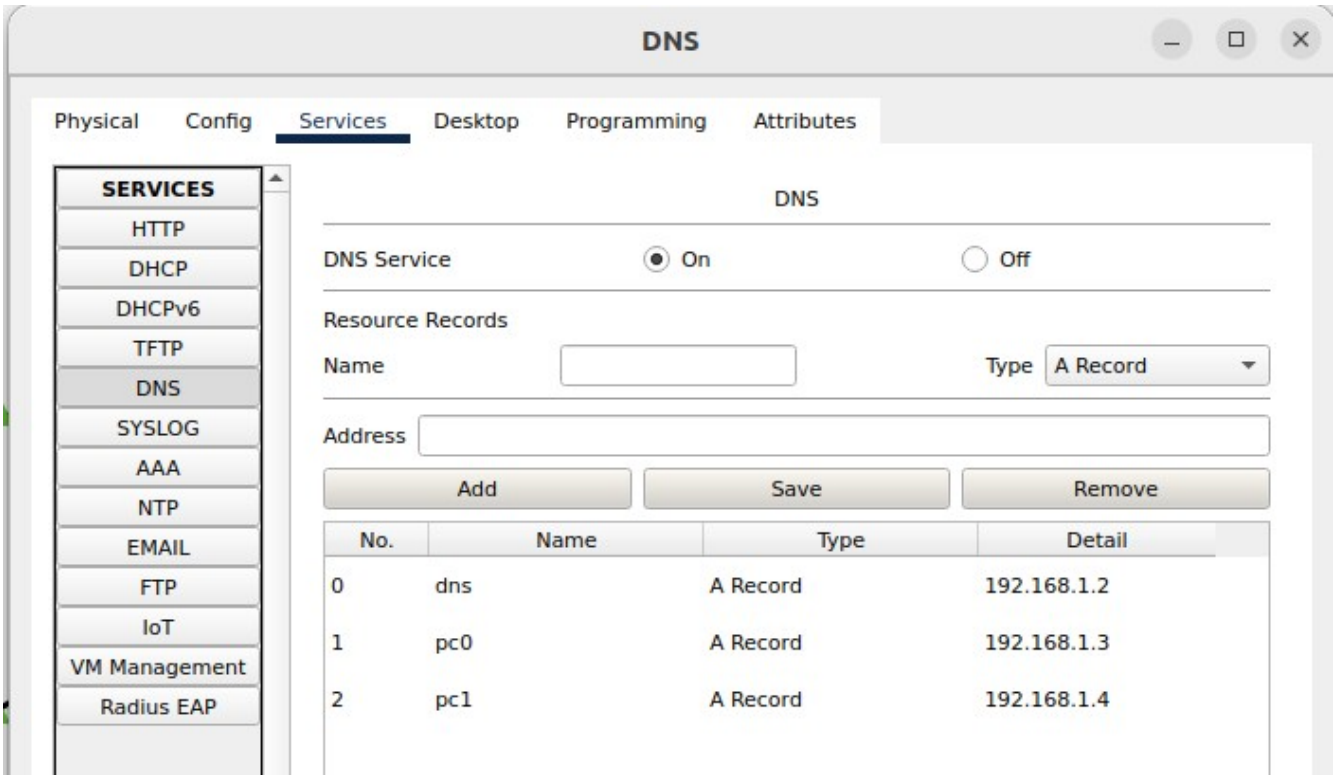
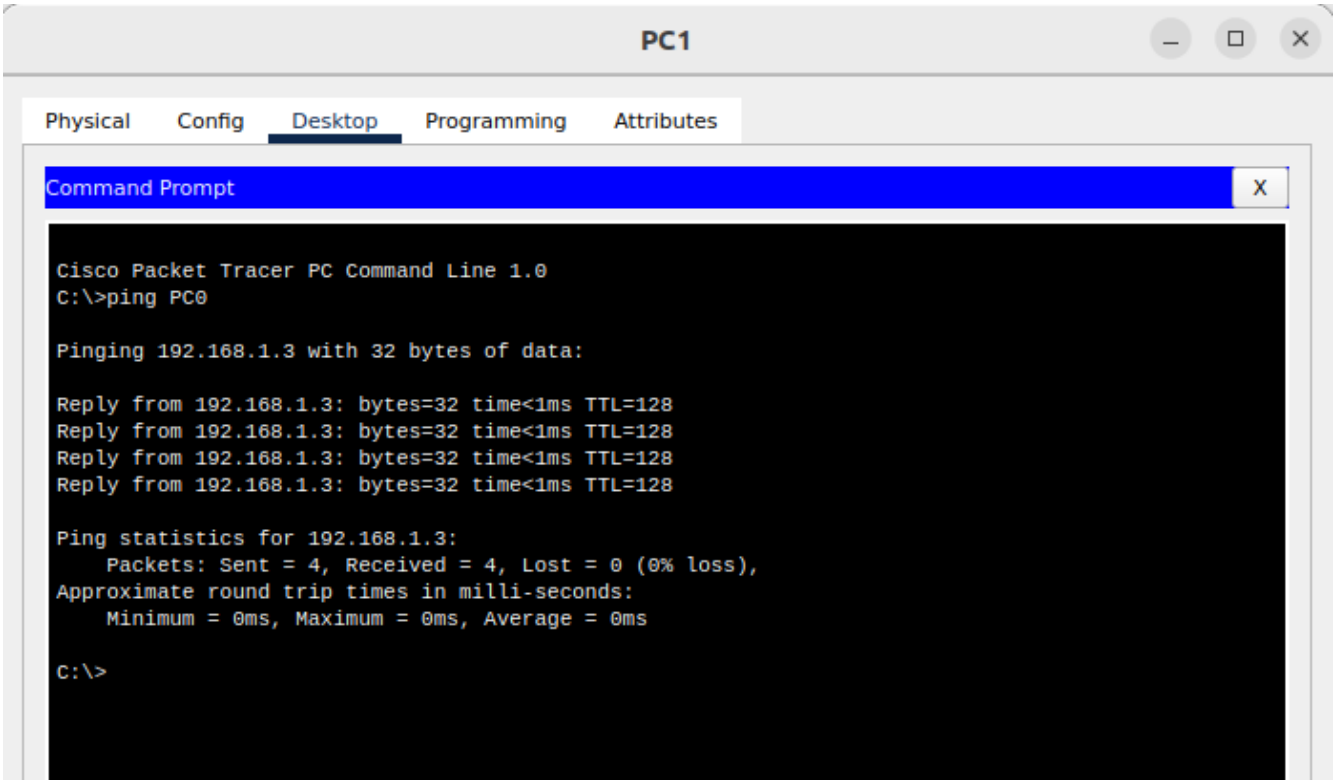
Haq Nawaz
Lab 5

<><><>

- Configure the client devices to use the DNS server for name resolution.

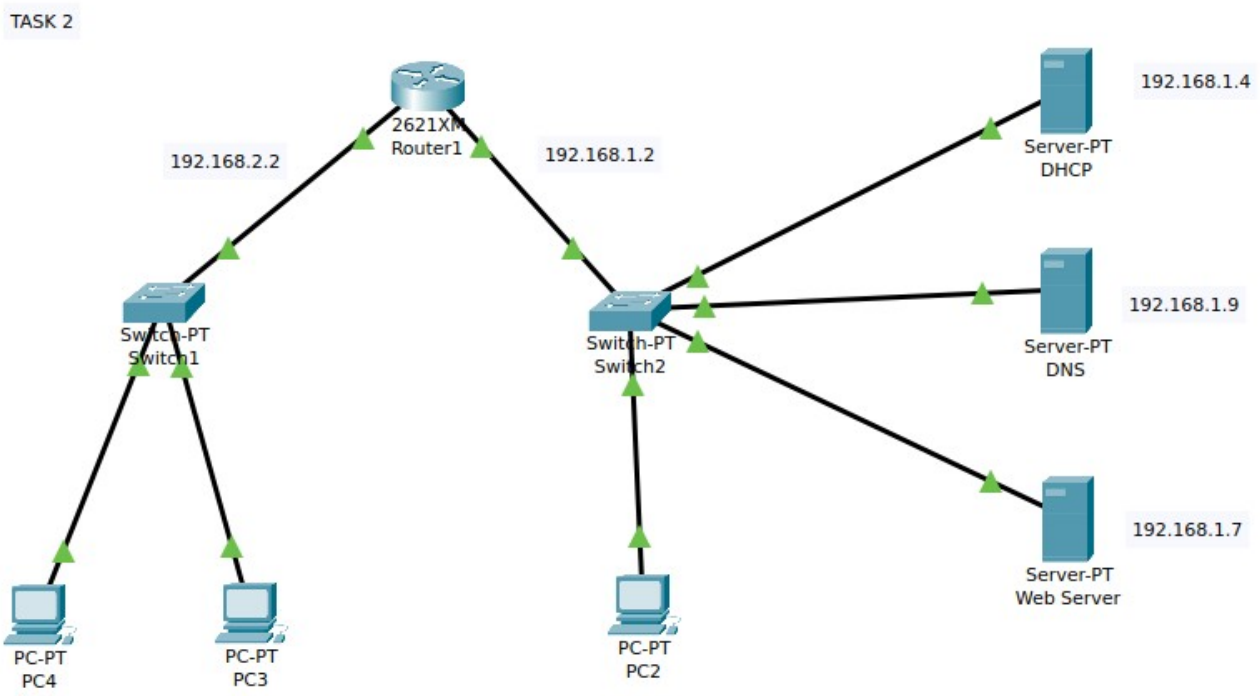


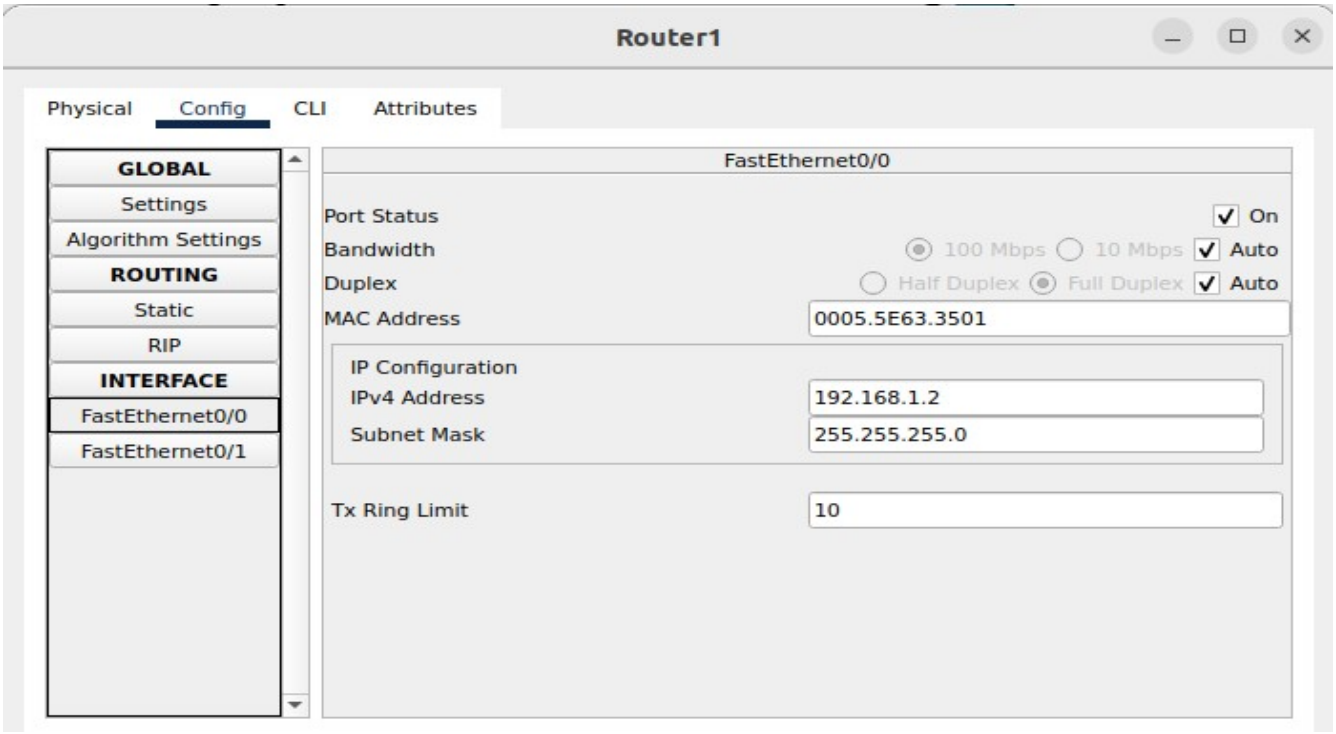
- Verify the DNS resolution of domain names to IP addresses and vice versa.

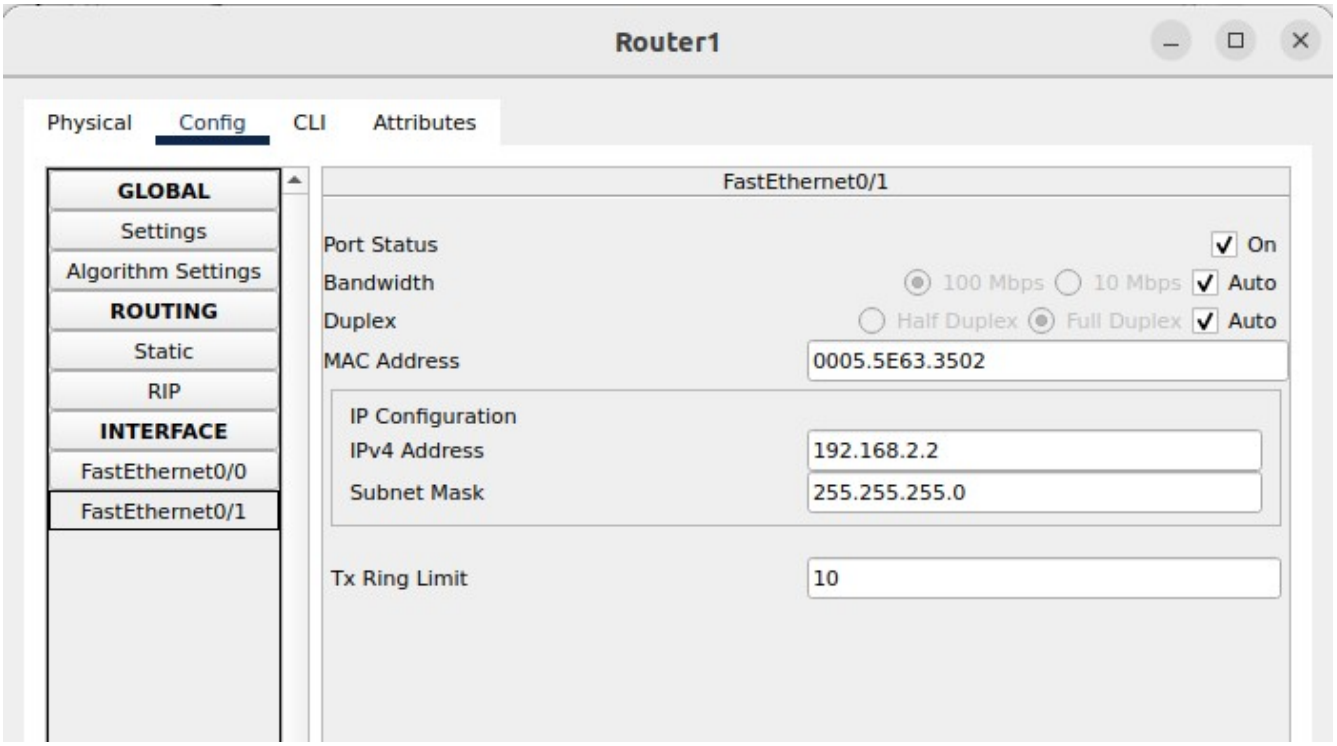


Task 2: Design, label and Configure the following topology in cisco packet tracer

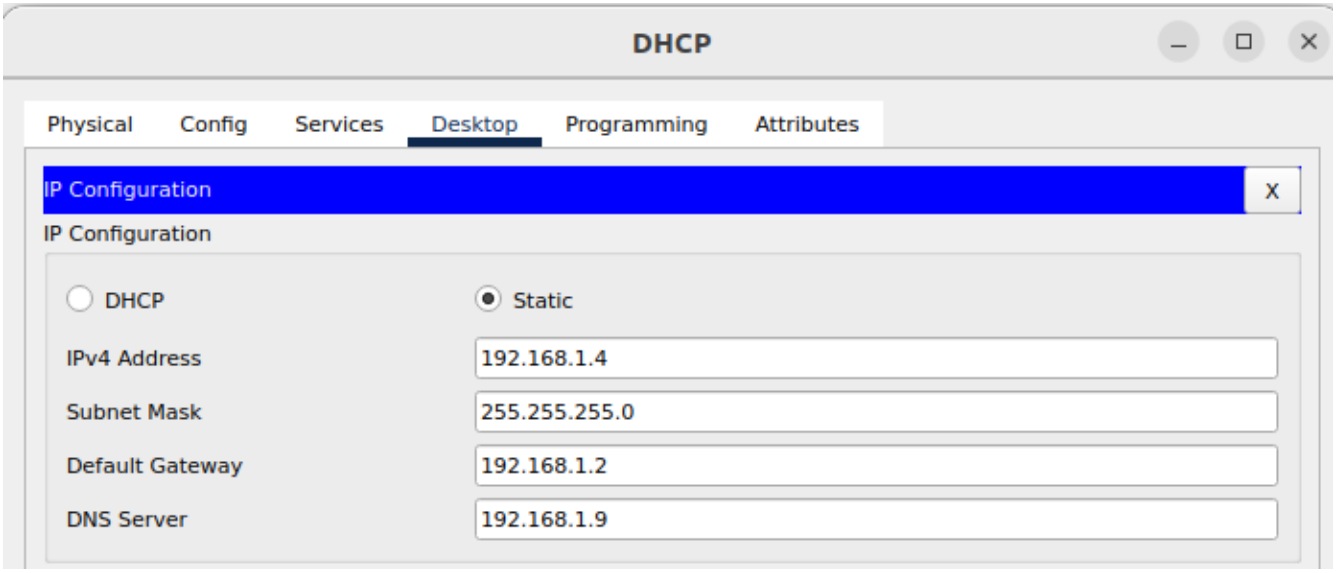
- Set up a network topology in Packet Tracer



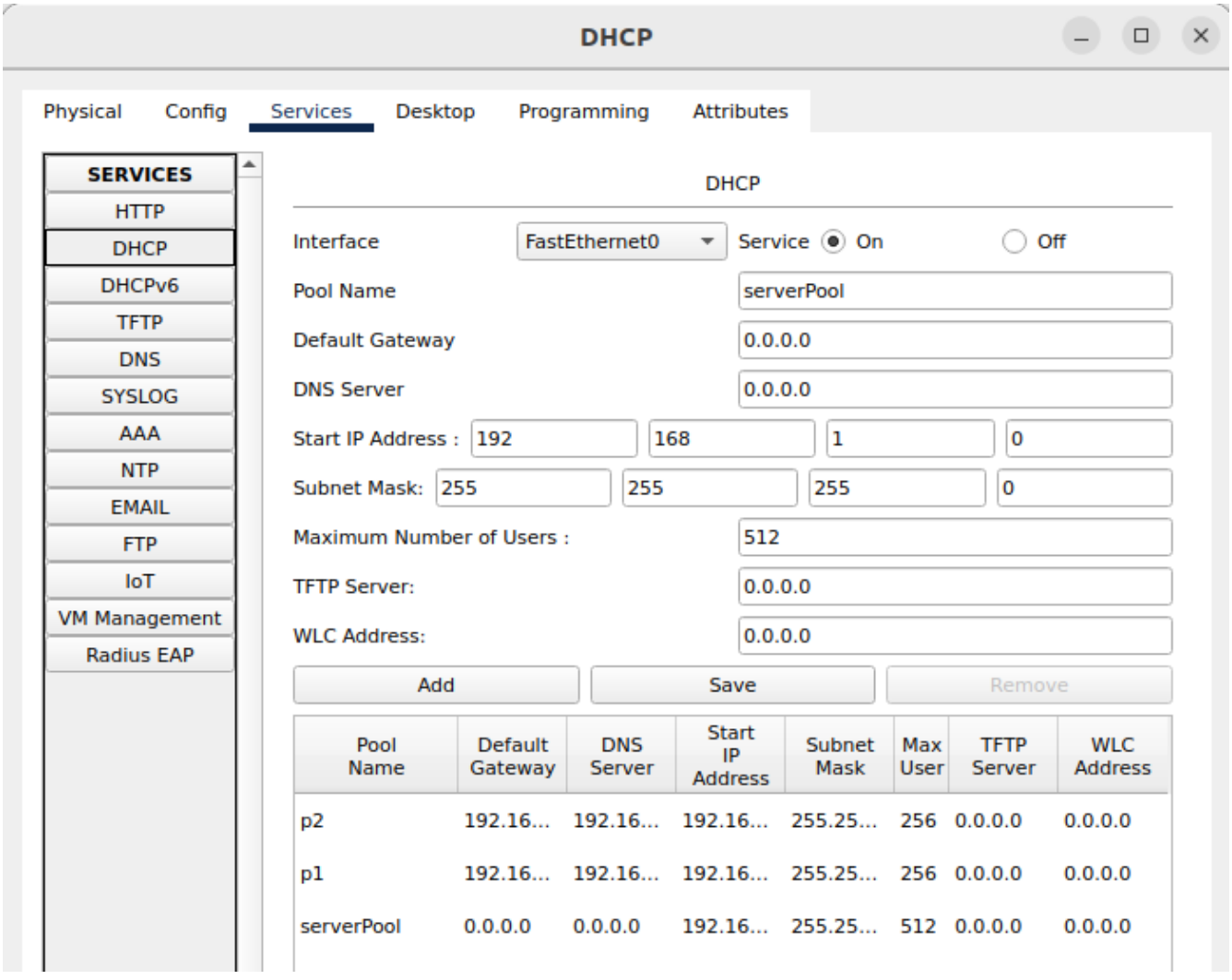



Router1
Physical
Config
CLI
Attributes
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet0/1
FastEthernet0/1
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
0005.5E63.3502
IP Configuration
IPv4 Address
192.168.2.2
Subnet Mask
255.255.255.0
Tx Ring Limit
10

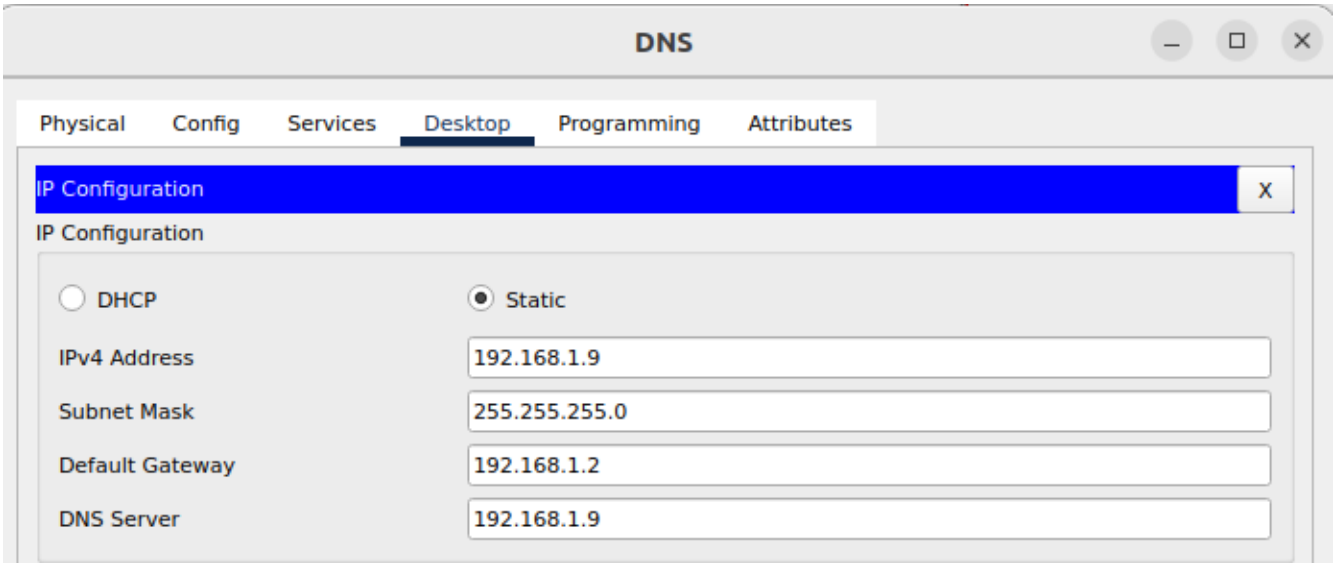
DHCP Server

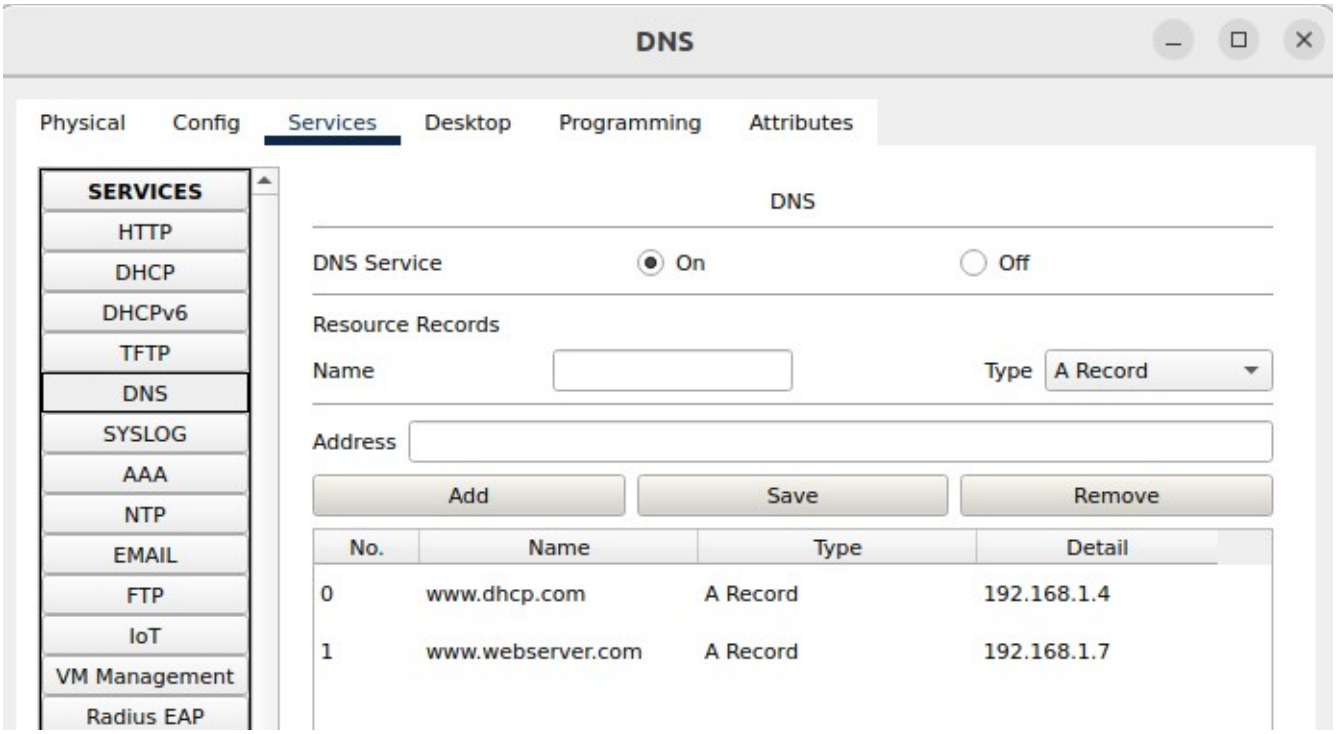


Set Pool

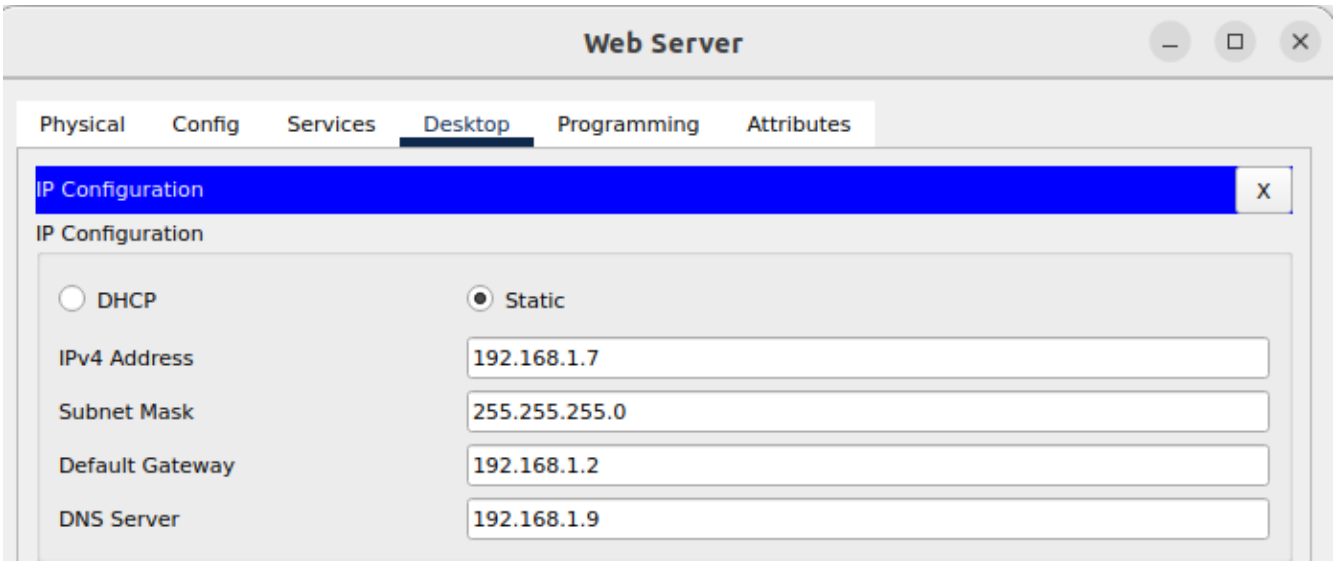


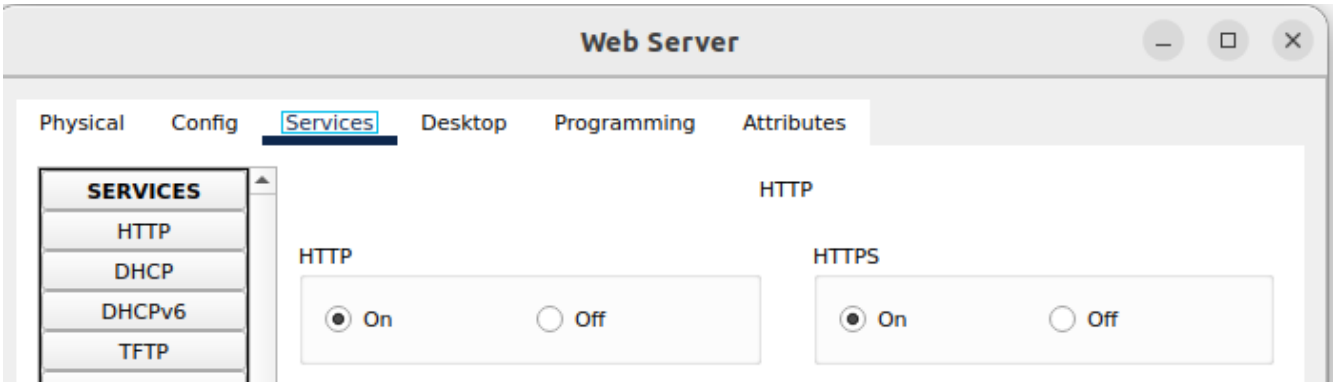
DNS Server
set ips

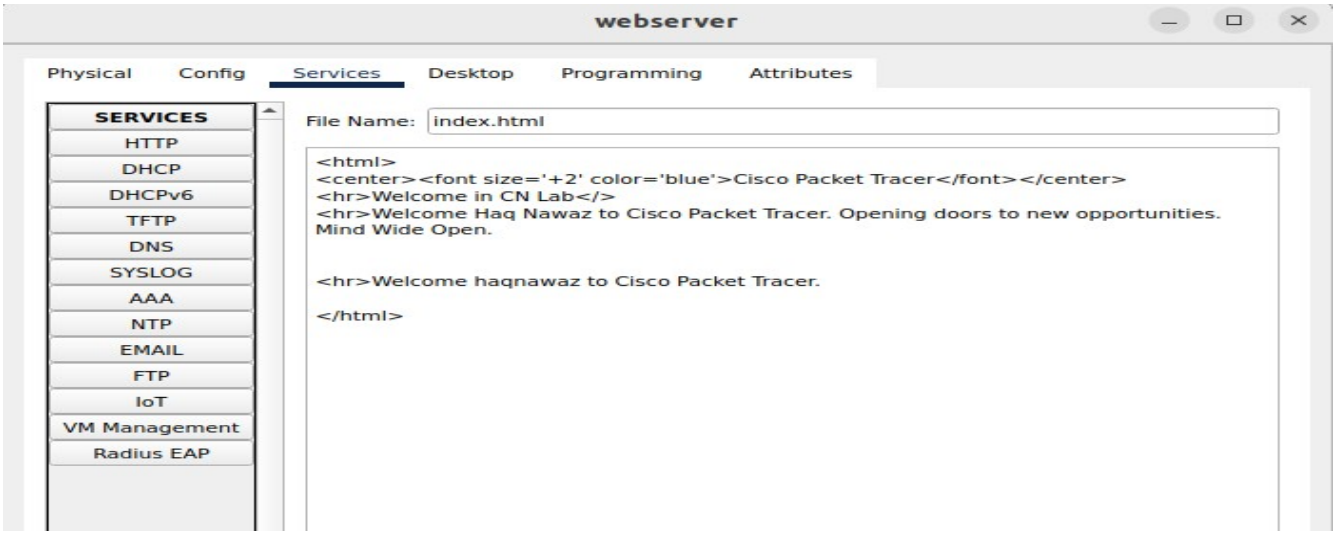




WEB Server

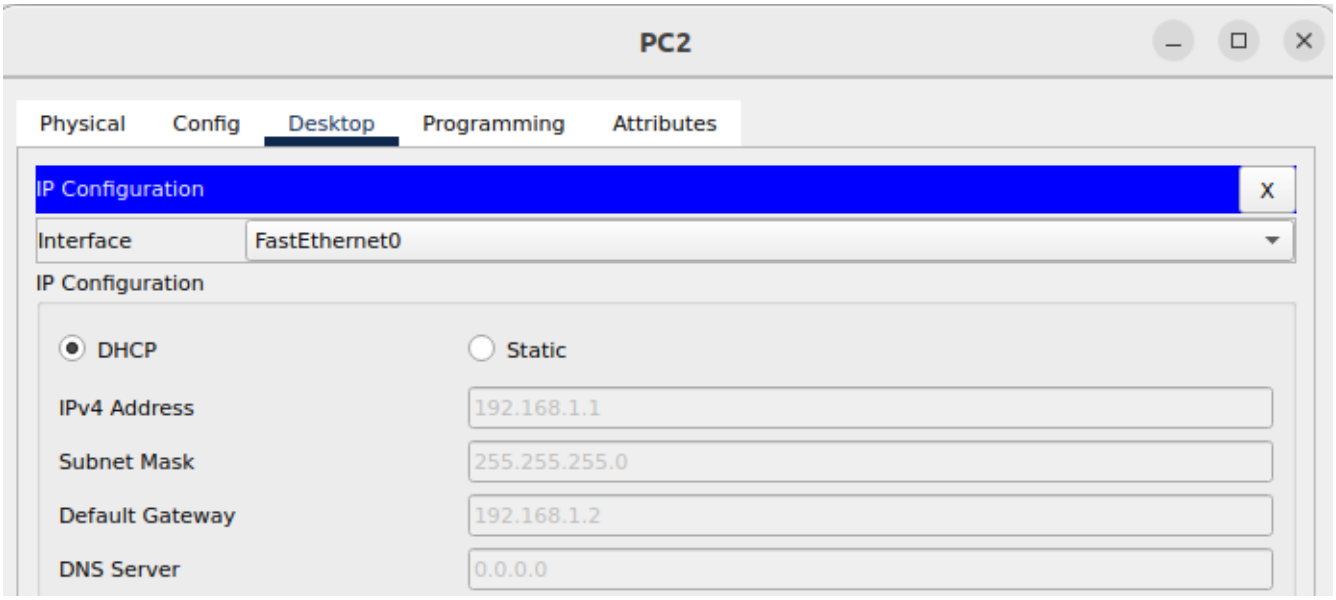

Web Server
Physical
Config
Services
Desktop
Programming
Attributes
IP Configuration
X
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.7
Subnet Mask
255.255.255.0
Default Gateway
192.168.1.2
DNS Server
192.168.1.9


Web Server
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
HTTP
HTTP
On
Off
HTTPS
On
Off

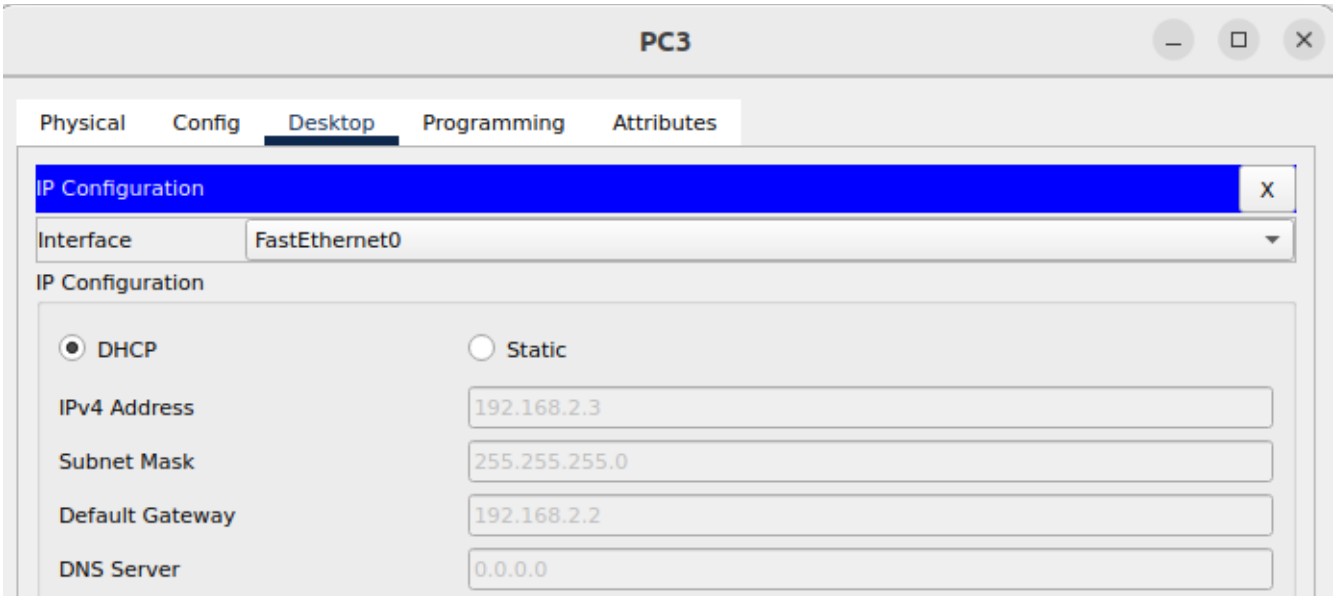

webserver
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
File Name:
index.html
<html>
<font size='+2' color='blue'>Cisco Packet Tracer</font>
<hr>Welcome in CN Lab</>
<hr>Welcome Haq Nawaz to Cisco Packet Tracer. Opening doors to new opportunities.
Mind Wide Open.
<hr>Welcome haqnawaz to Cisco Packet Tracer.
</html>

Desktop->IP configuration.

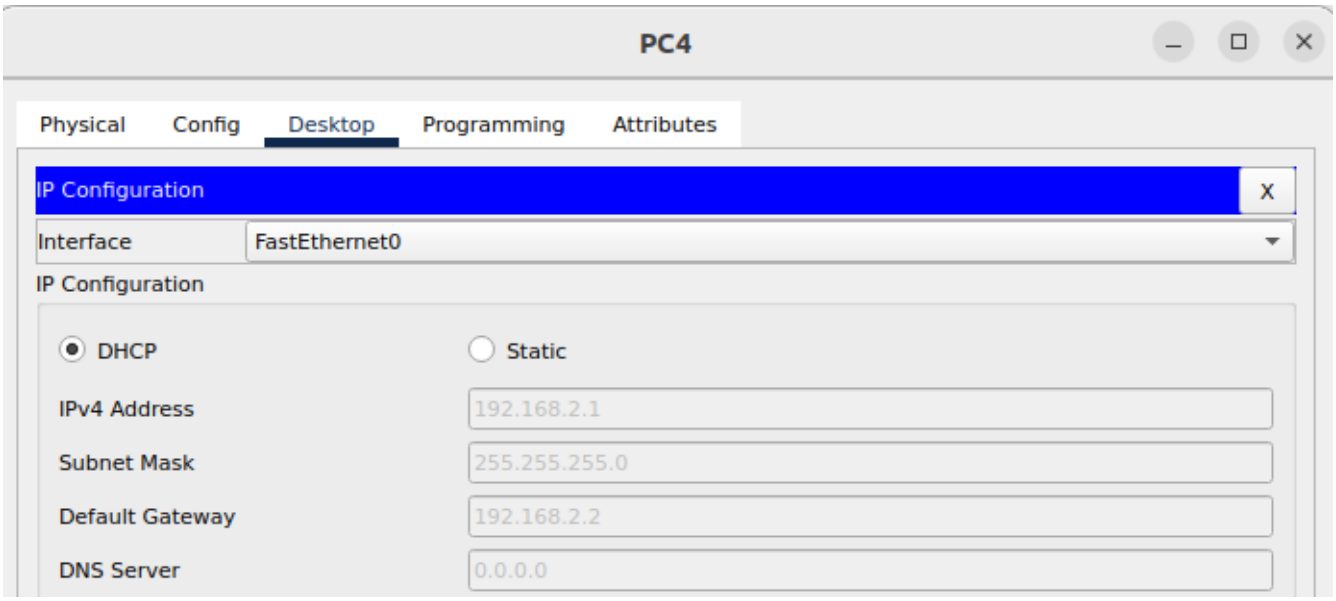
PC2



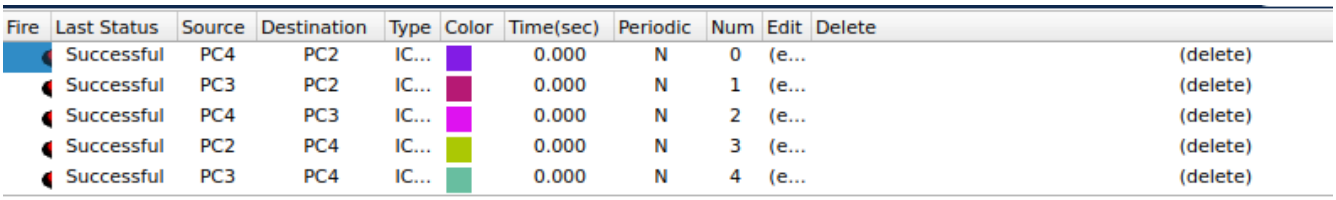
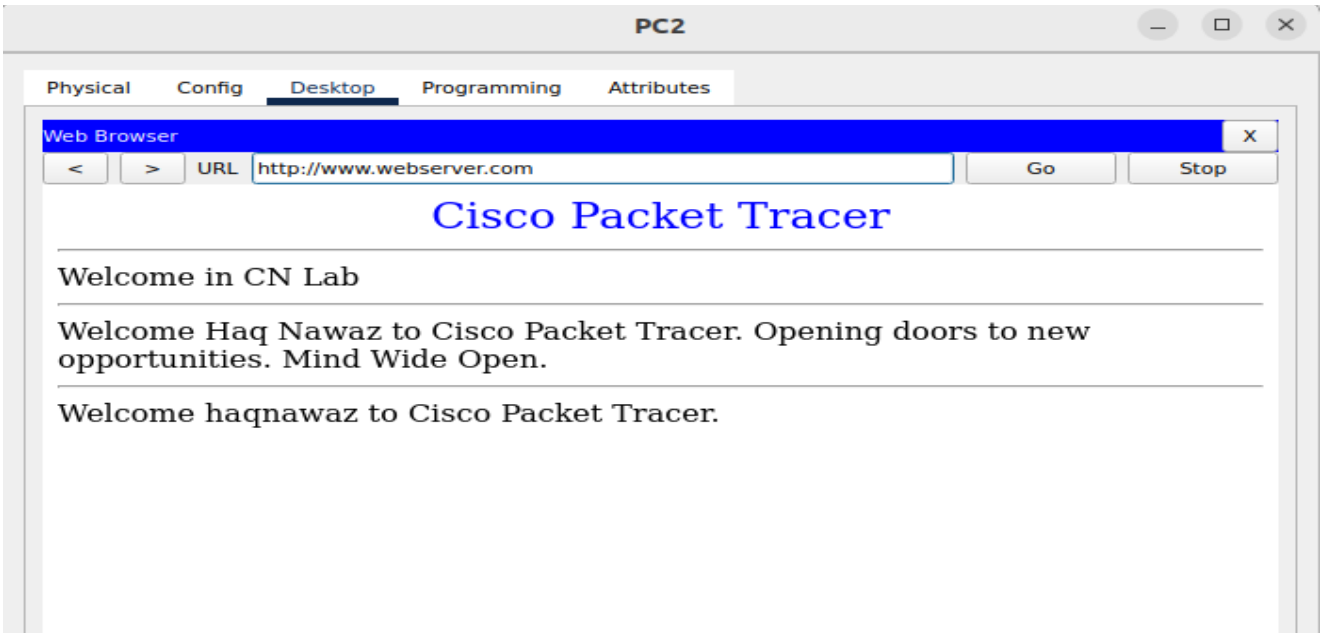
PC3



PC4



Successful Communication



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC4	PC2	IC...		0.000	N	0	(e...	(delete)
	Successful	PC3	PC2	IC...		0.000	N	1	(e...	(delete)
	Successful	PC4	PC3	IC...		0.000	N	2	(e...	(delete)
	Successful	PC2	PC4	IC...		0.000	N	3	(e...	(delete)
	Successful	PC3	PC4	IC...		0.000	N	4	(e...	(delete)