



# Programi: Shkenca Kompjuterike dhe Inxhinieri

## Lënda: Rrjeta Kompjuterike dhe Komunikimi

### Ushtrime

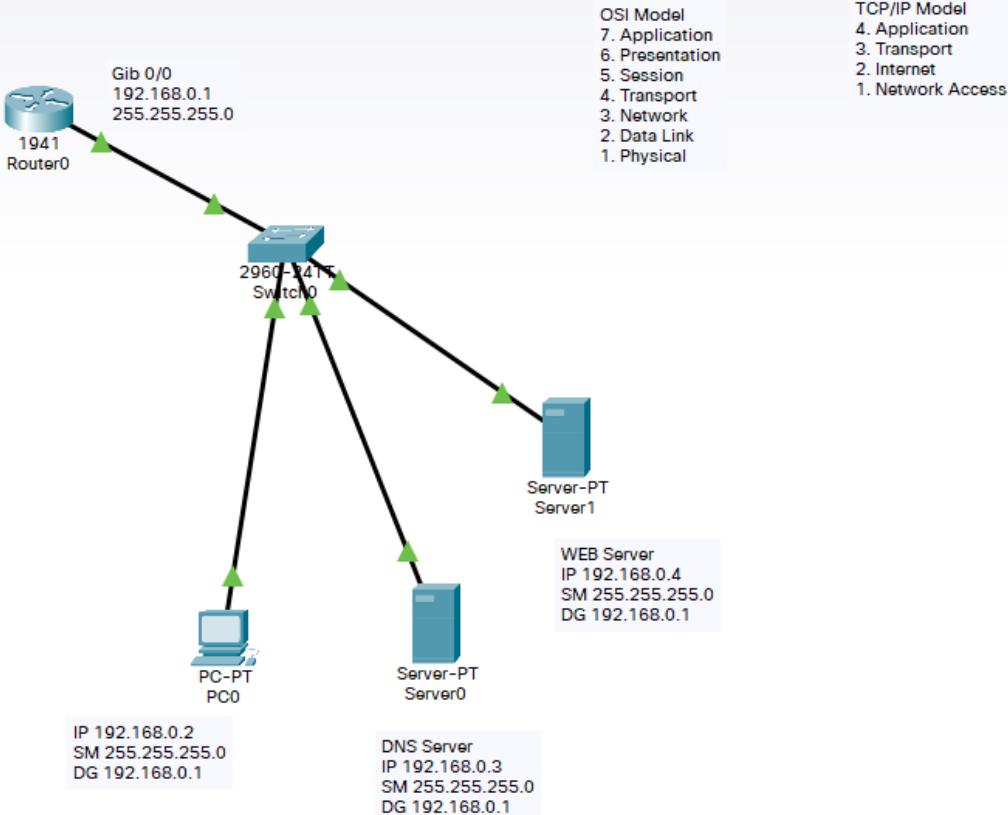
Modelet referuese OSI dhe TCP/IP

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# Topologjia fizike dhe logjike





# Caktimi i IP te routeri

Router0

Physical Config CLI Attributes

**GLOBAL**  
Settings  
Algorithm Settings  
**ROUTING**  
Static  
RIP  
**SWITCHING**  
VLAN Database  
**INTERFACE**  
GigabitEthernet0/0  
GigabitEthernet0/1

**GigabitEthernet0/0**

Port Status  On  
Bandwidth  1000 Mbps  100 Mbps  10 Mbps  Auto  
Duplex  Half Duplex  Full Duplex  Auto  
MAC Address 0030.A3E9.EB01

IP Configuration  
IPv4 Address 192.168.0.1  
Subnet Mask 255.255.255.0

Tx Ring Limit 10

Equivalent IOS Commands

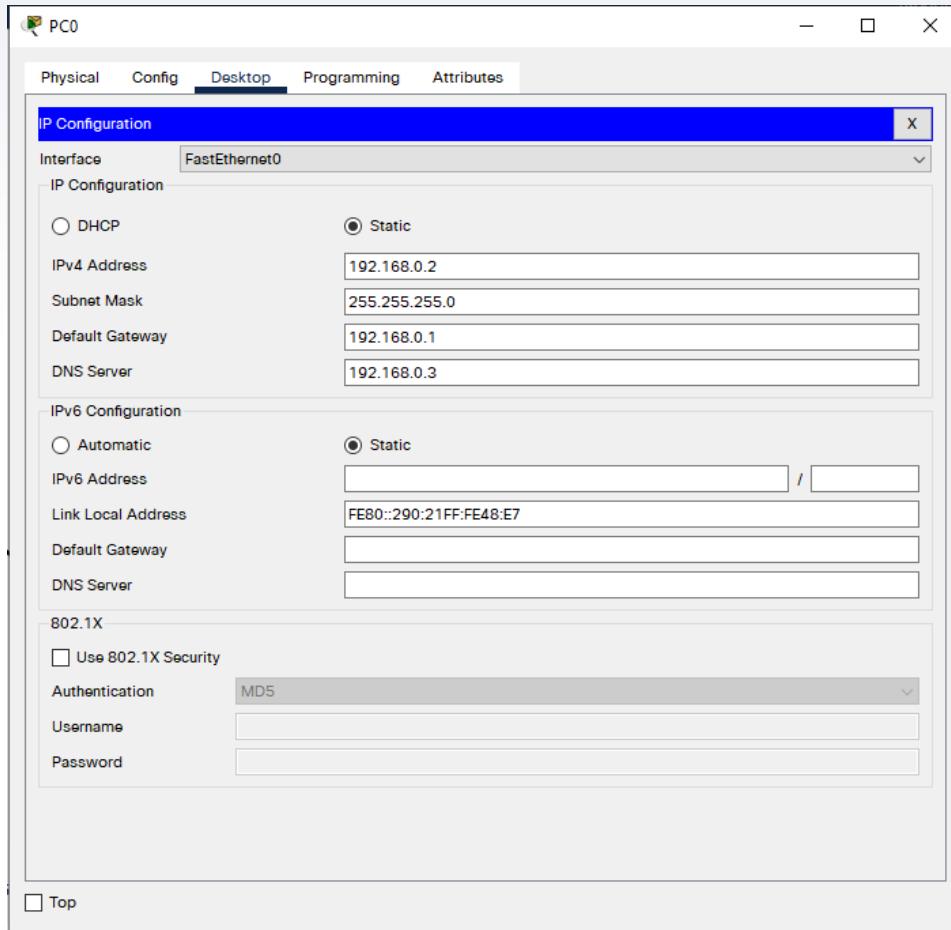
```
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#no shutdown
Router(config-if)#
*LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

*LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
 Top
```



# Caktimi i IP te PC





# Editimi i HTML

A screenshot of a Cisco Packet Tracer interface titled "Server1". The window has tabs at the top: Physical, Config, Services, Desktop, Programming, and Attributes. The Services tab is selected. On the left, there is a sidebar with a "SERVICES" section containing icons for HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, VM Management, and Radius EAP. Below this is a "File Manager" section. The main area shows an "index.html" file with the following content:

```
<html>
<center><font size='+2' color='blue'>Rjetat Kompjuterike</font></center>
<hr>Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.
<p>Quick Links:
<br><a href='helloworld.html'>A small page</a>
<br><a href='copyrights.html'>Copyrights</a>
<br><a href='image.html'>Image page</a>
<br><a href='ciscoctologo177x111.jpg'>Image</a>
</html>
```

At the bottom right of the main area are "File Manager" and "Save" buttons. At the very bottom of the window is a "Top" button.



# Konfigurimi i DNS

A screenshot of the "Server0" software interface, specifically the "Services" tab. On the left, a sidebar lists various services: Physical, Config, Services (selected), Desktop, Programming, Attributes, SERVICES (HTTP, DHCP, DHCPv6, TFTP, DNS), SYSLOG, AAA, NTP, EMAIL, FTP, IoT, VM Management, and Radius EAP. The DNS service is currently configured. The main pane shows the DNS configuration. The "DNS Service" is set to "On". A "Resource Records" section shows a single entry for "www.server.com" of type "A Record" with address "192.168.0.4". Below this is a table of resource records:

No.	Name	Type	Detail
0	www.server.com	A Record	192.168.0.4

At the bottom of the main pane, there is a "DNS Cache" button. At the very bottom of the window, there is a "Top" button.



# Detyrë

## Konfigurimi i rrjetës

1. Ndërtimi i toploogjisë fizike (1 router, 1 switch, 1 pc dhe 2 servera)
2. Ndërtimi i topologjisë logjike (ip adresat ne router, pc dhe server)
3. Konfigurimi i IP protokolit
4. Konfigurimi i HTTP protokolit(modifikimi i HTML)
5. Konfigurimi i DNS protokolit (perkthimi nga IP ne www.test.com)
6. Testimi me ICMP(ping dhe tracert)
7. Paraqitja e rezultateve



**Faleminderit për  
vëmendje!  
Ndonjë pyetje?**

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