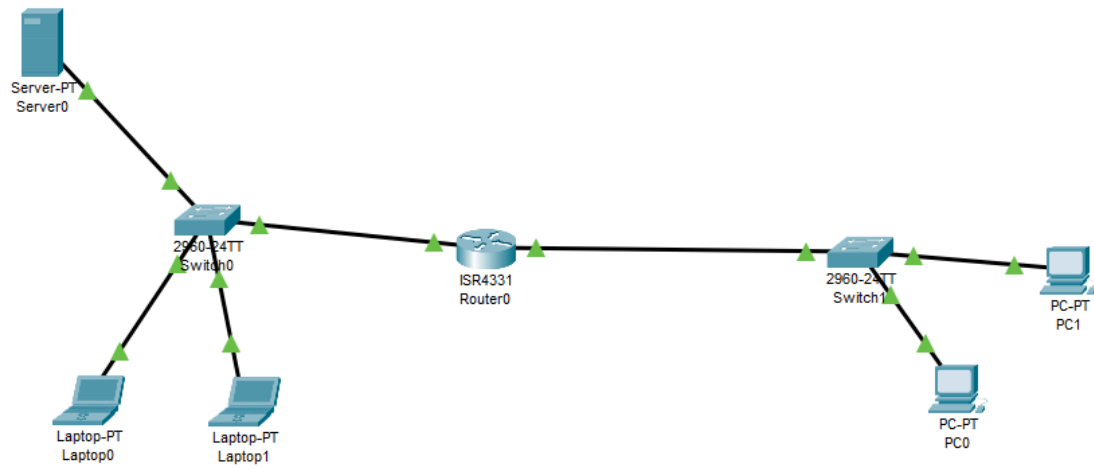
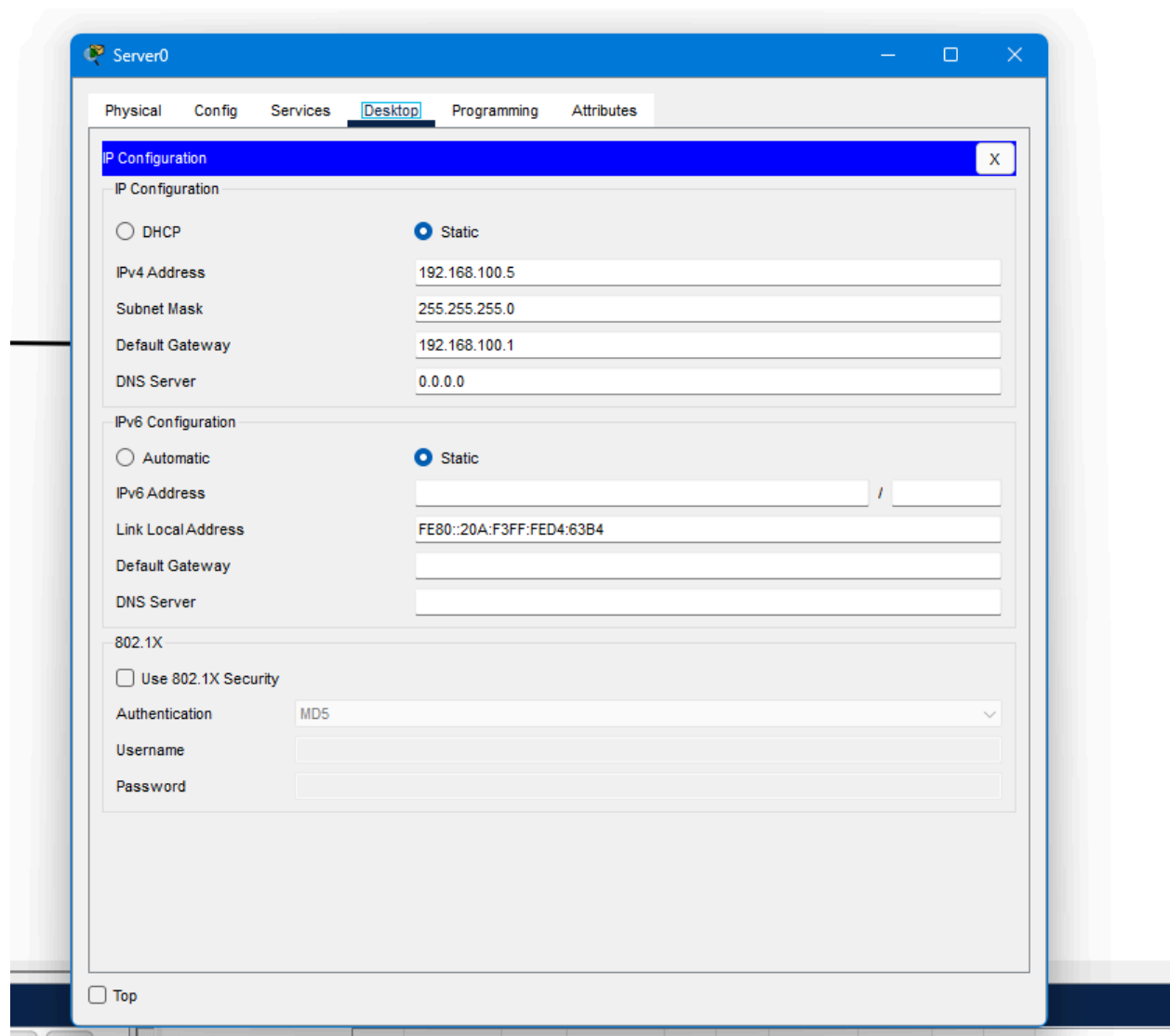


Esercizio S2/L5 - configurazione rete con server dhcp



-Assegnazione manuale di indirizzo IP nelle configurazioni del server.



- attivazione servizio dhcp del server
- impostazione range di ip disponibili nel pool.

Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192 168 100 50

Subnet Mask: 255 255 255 0

Maximum Number of Users: 206

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

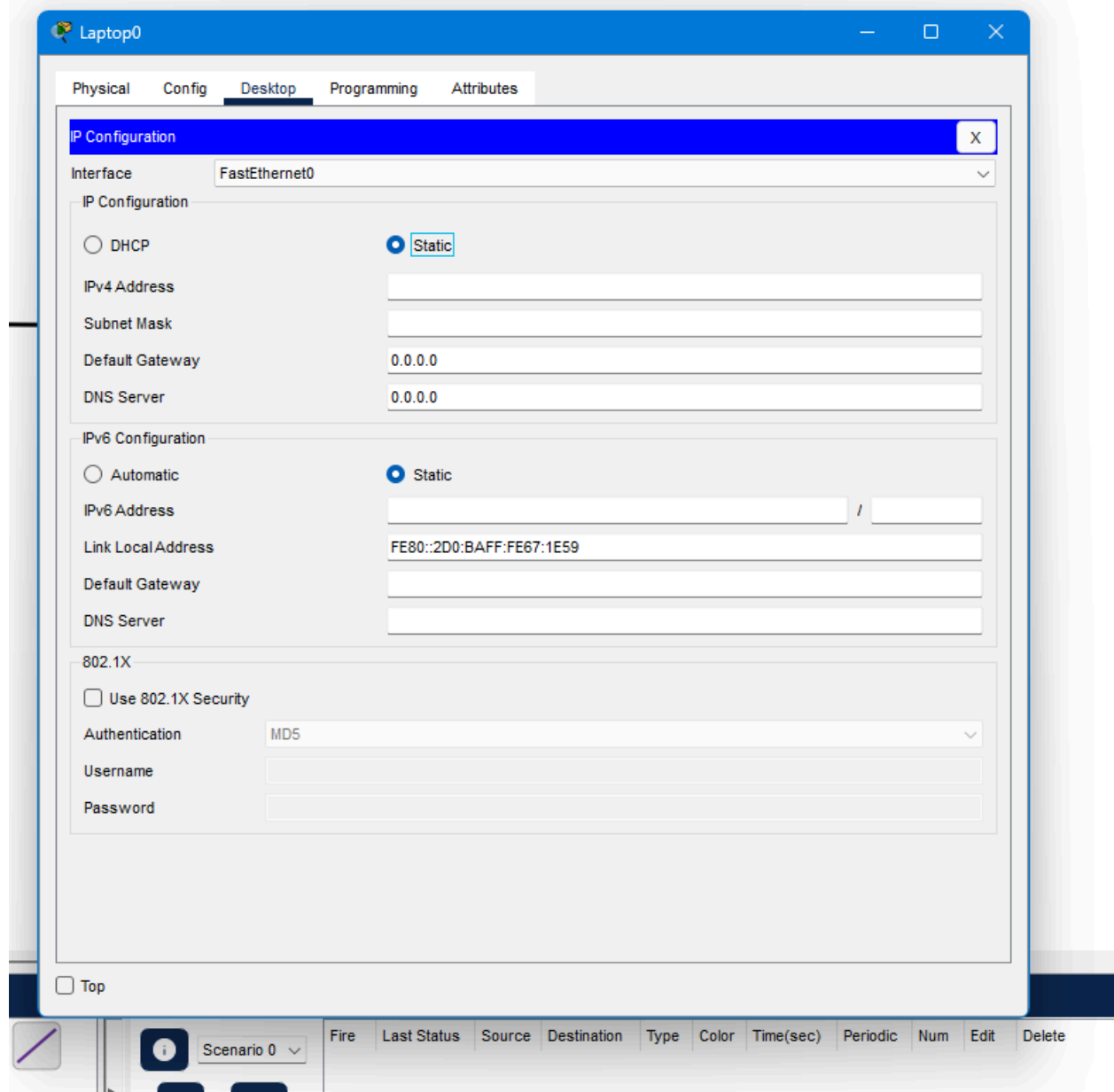
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168....	255.255....	206	0.0.0.0	0.0.0.0
rete privata pool	0.0.0.0	0.0.0.0	192.168....	255.255....	206	0.0.0.0	0.0.0.0

☐ Top

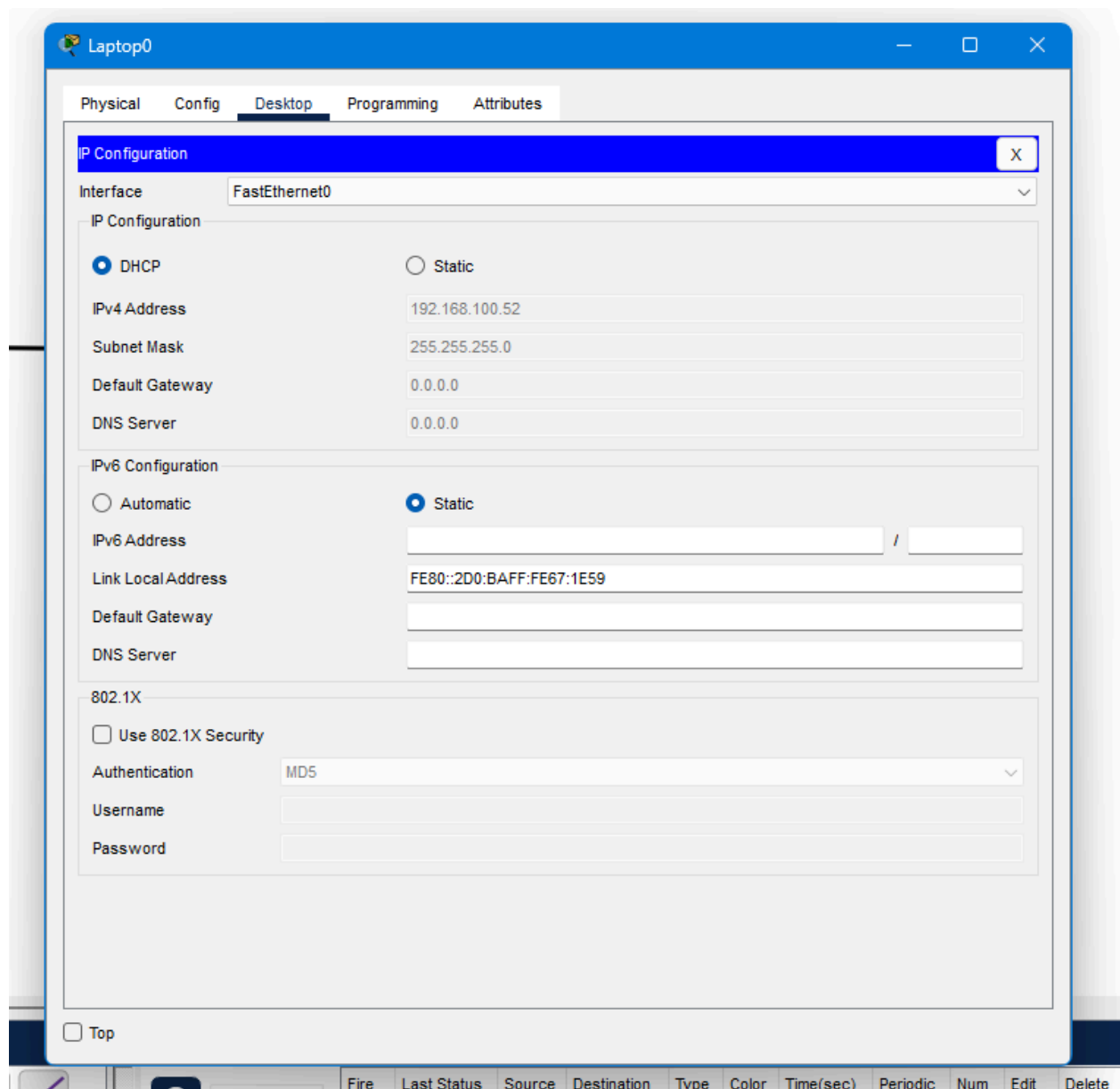
Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

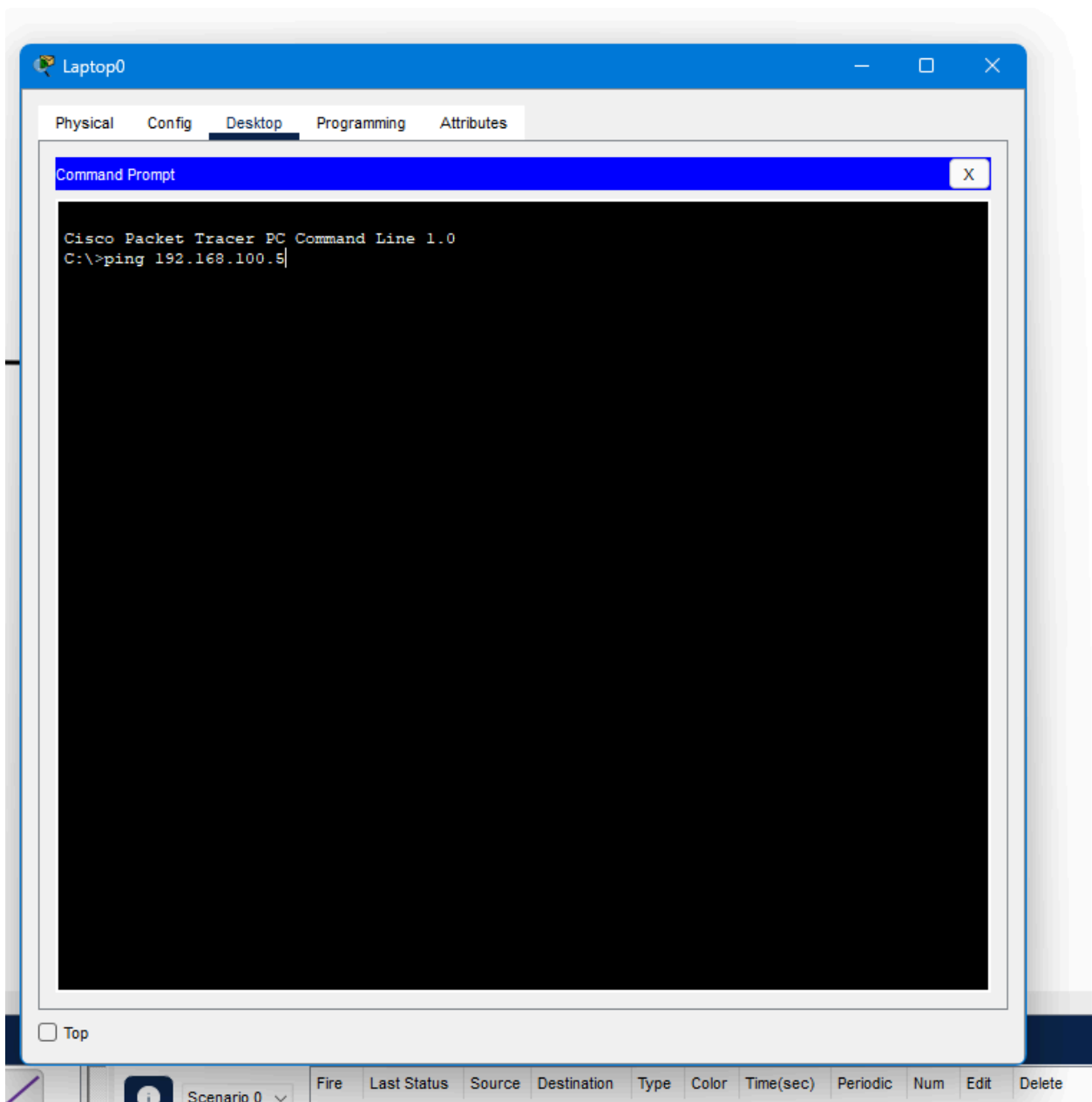
-esempio di come il laptop 0 non abbia indirizzo ip previa assegnazione dal server.



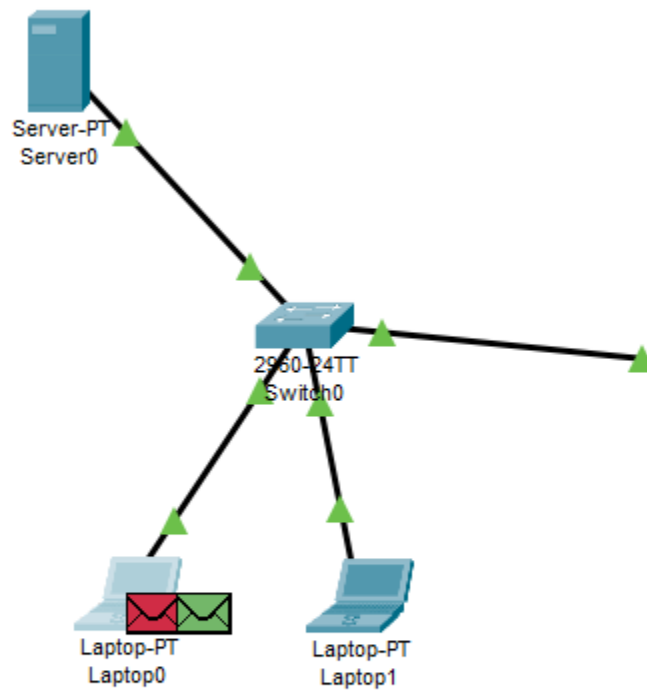
-ora che è stata attivata la modalità dhcp l'ip è stato assegnato automaticamente dal pool di ip disponibili.



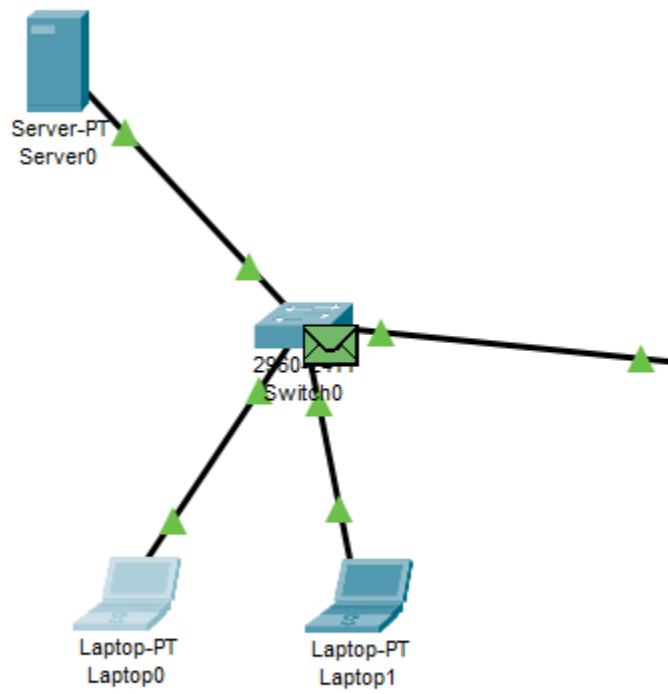
-dal command line del laptop 0 ho inviato una richiesta di ping al server dhcp.



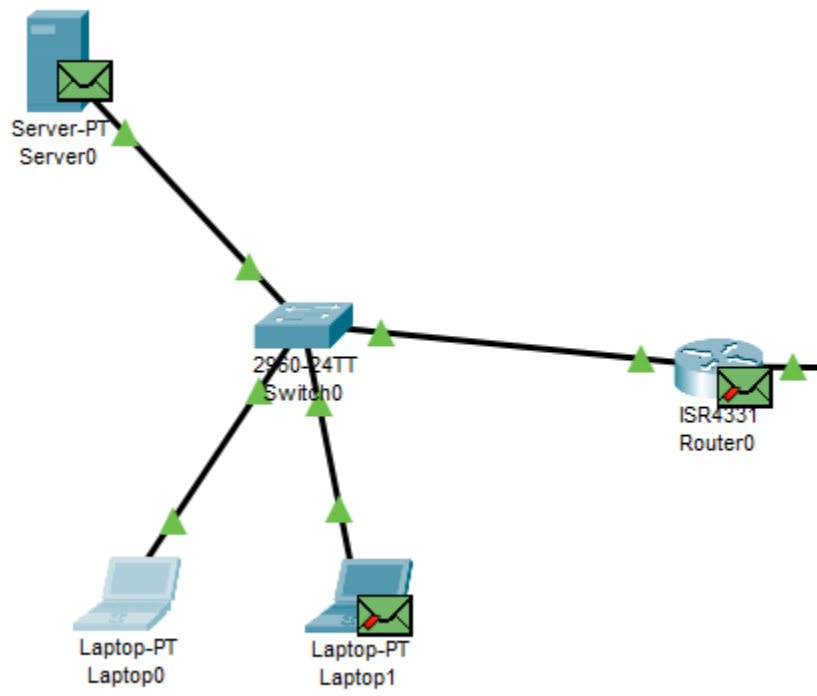
-Il pacchetto parte dal laptop 0.



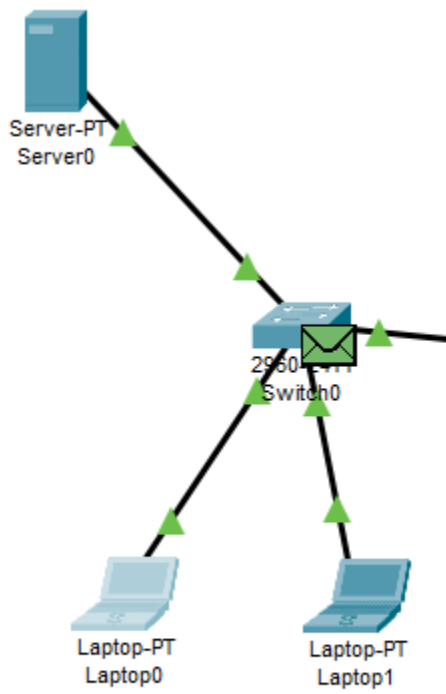
-arriva allo switch



-che lo invia in broadcast



-Il pacchetto viene accettato solo dal server e rimandato allo switch.



-che infine lo riconsegna al mittente.

