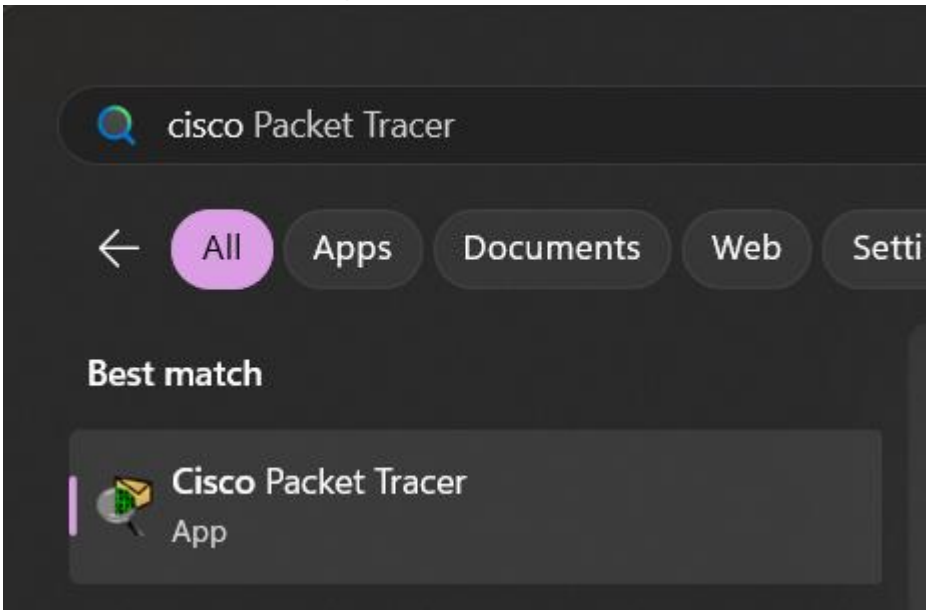
Arquitetura de Redes e IoT

Configuração de Servidores DHCP, DNS e HTTP

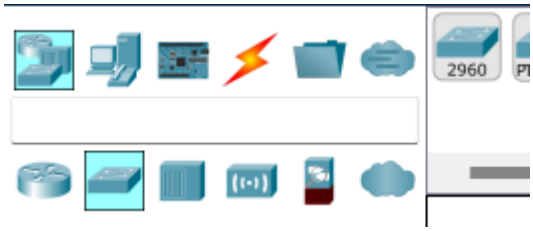
1. Abra o Cisco Packet Tracer pelo Menu Iniciar



2. No menu inferior esquerdo selecione ***"End Devices"*** e adicione:
   2 PC
   1 Laptop
   3 Server
   na área de trabalho do Packet Tracer

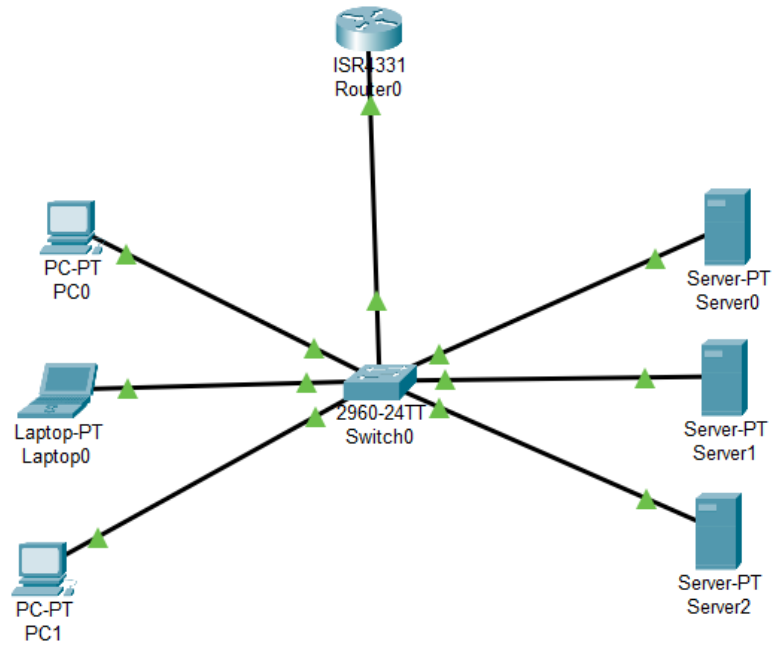
3. No menu inferior esquerdo selecione ***"Network Devices => Router"*** e adicione:
   1 Router 4331

4. No menu inferior esquerdo selecione ***"Network Devices => Switch"*** e adicione:
   1 Switch 2960



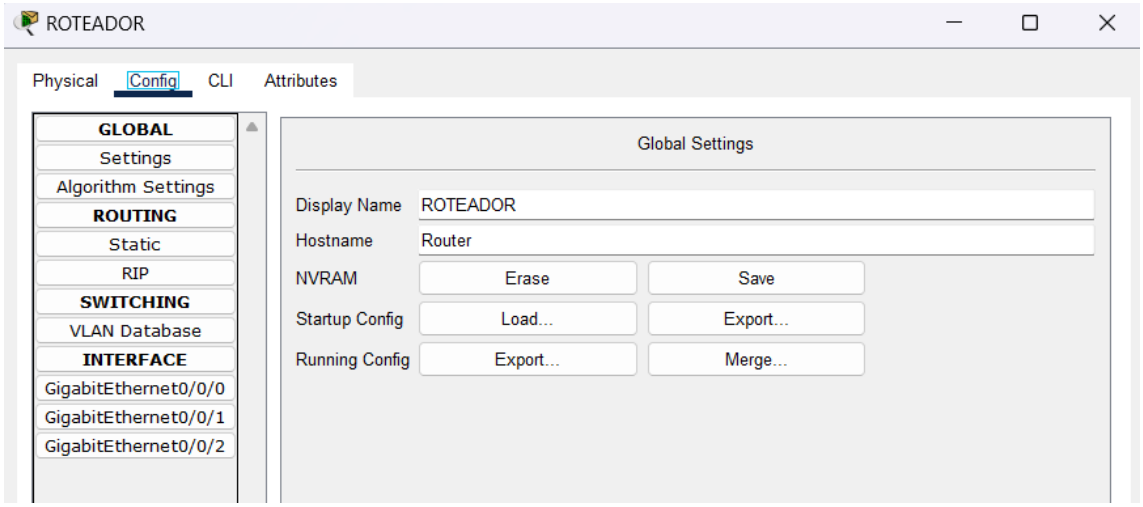
5. No menu inferior esquerdo selecione ***"Connections"*** e selecione o Raio:

6. Com o **RAIO** selecionado conecte todos os dispositivos ao Switch na seguinte ordem:
   1. Router0
   2. Server0
   3. Server1
   4. Server2
   5. PC0
   6. Laptop0
   7. PC1

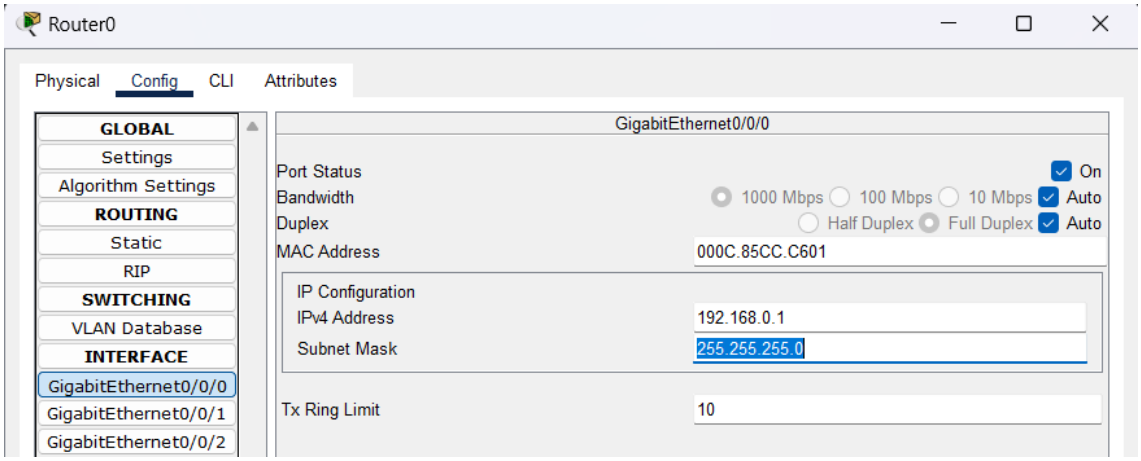


Obs. Não se preocupe se as conexões não ficarem verdes. Vamos configurar agora.

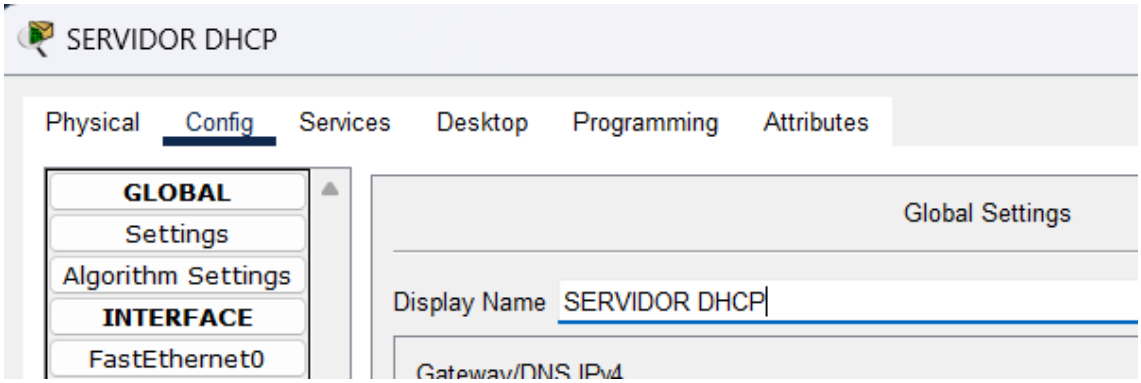
7. Clique no **Router0** para abrir as opções e, na aba **Config**, altere o **"Display Name"** para **ROTEADOR**



8. Após isso selecione **GigabitEthernet0/0/0** configure como destacado abaixo. E feche as configurações.

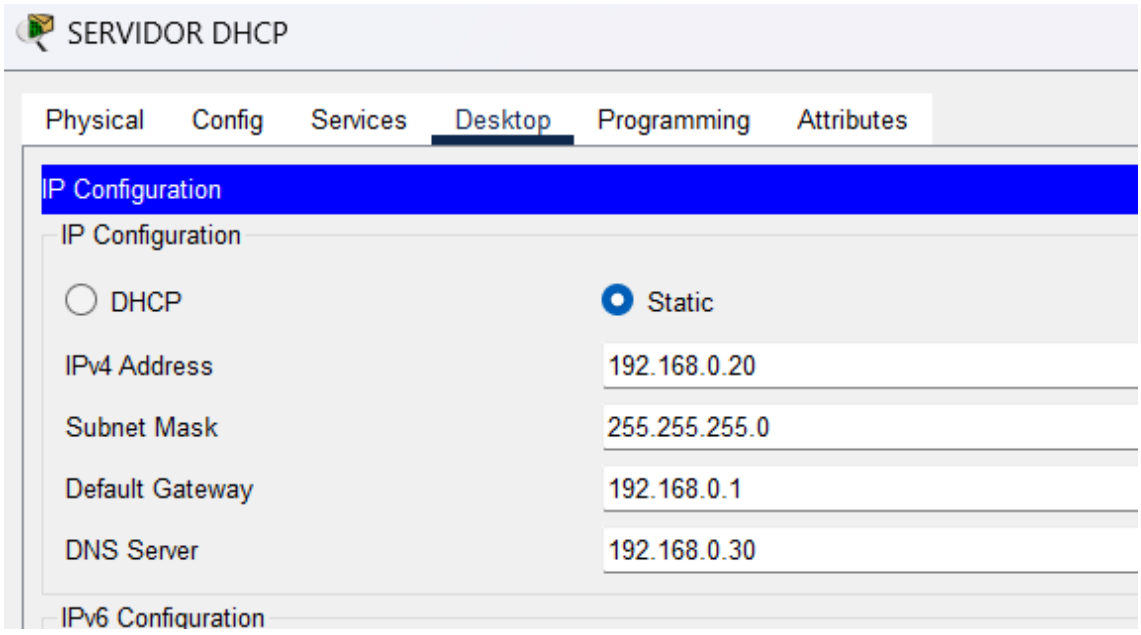


9. Clique em Server0 para abrir as opções e, na aba **Config**, altere o **"Display Name"** para **"SERVIDOR DHCP"**

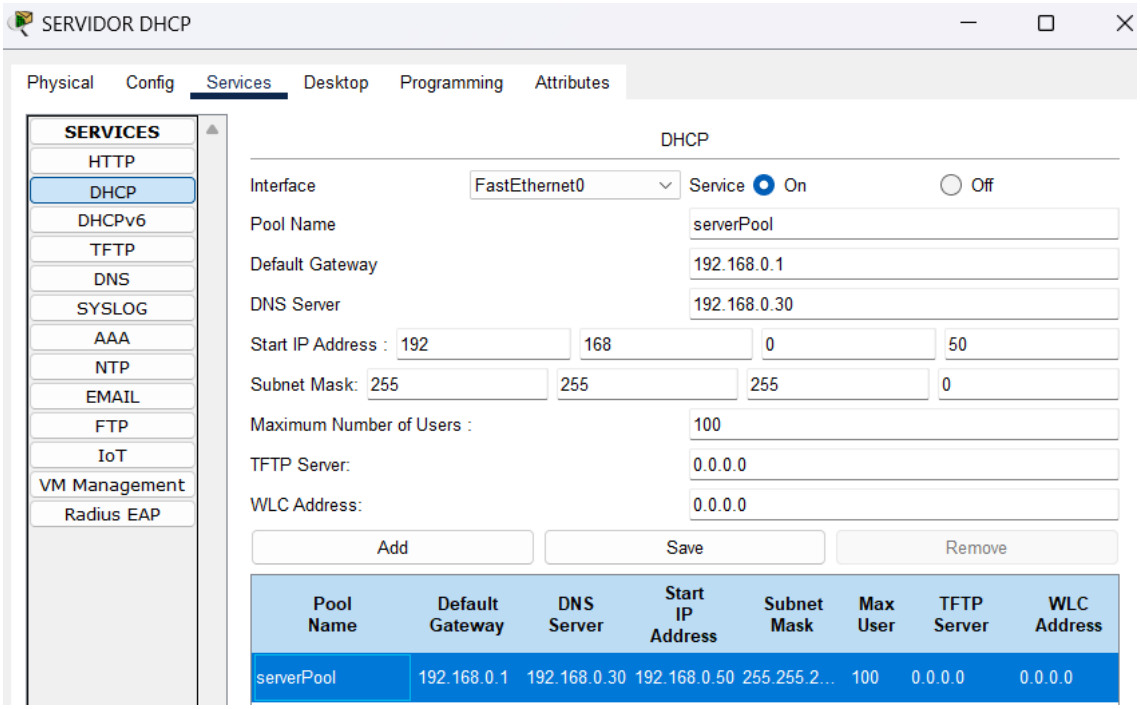


10. Na Aba **"Desktop"** clique em **"IP Configuration"**

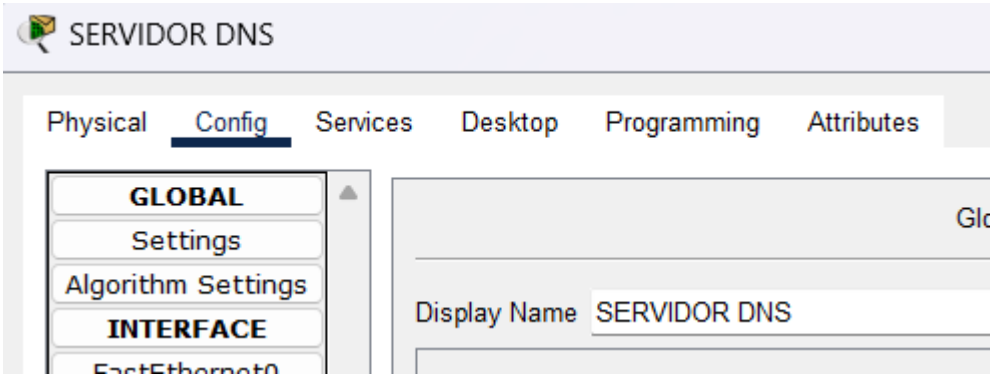
11. Configure conforme o destacado abaixo:



12. Na aba **“Services”**, selecione **DHCP** e configure conforme o destacado. Feche as configurações.

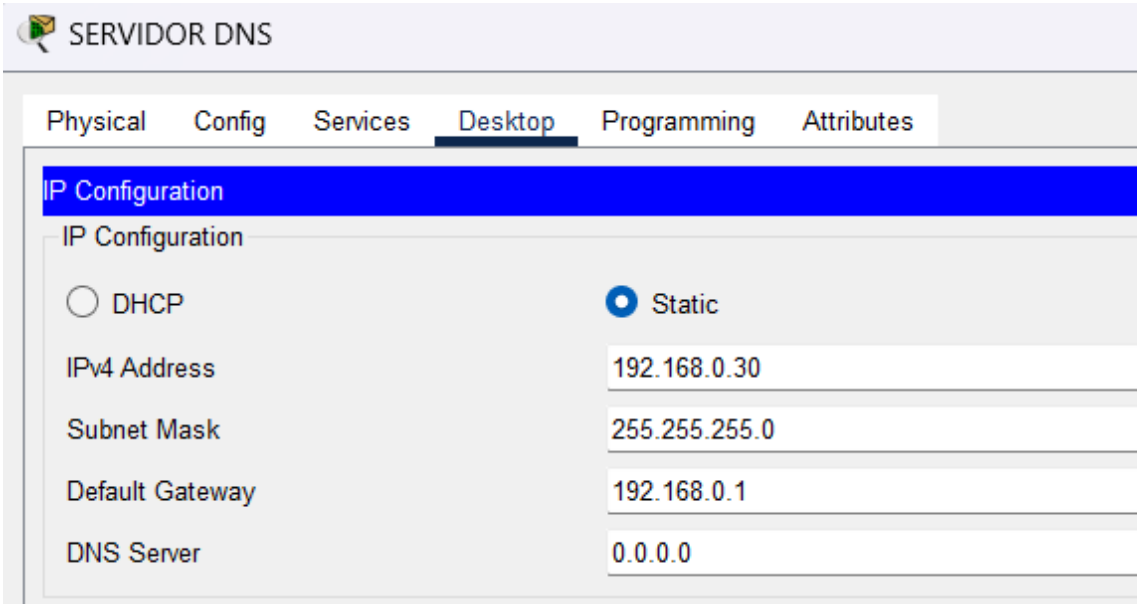


13. Clique em Server1 para abrir as opções e, na aba **Config**, altere o **“Display Name”** para **“SERVIDOR DNS”**

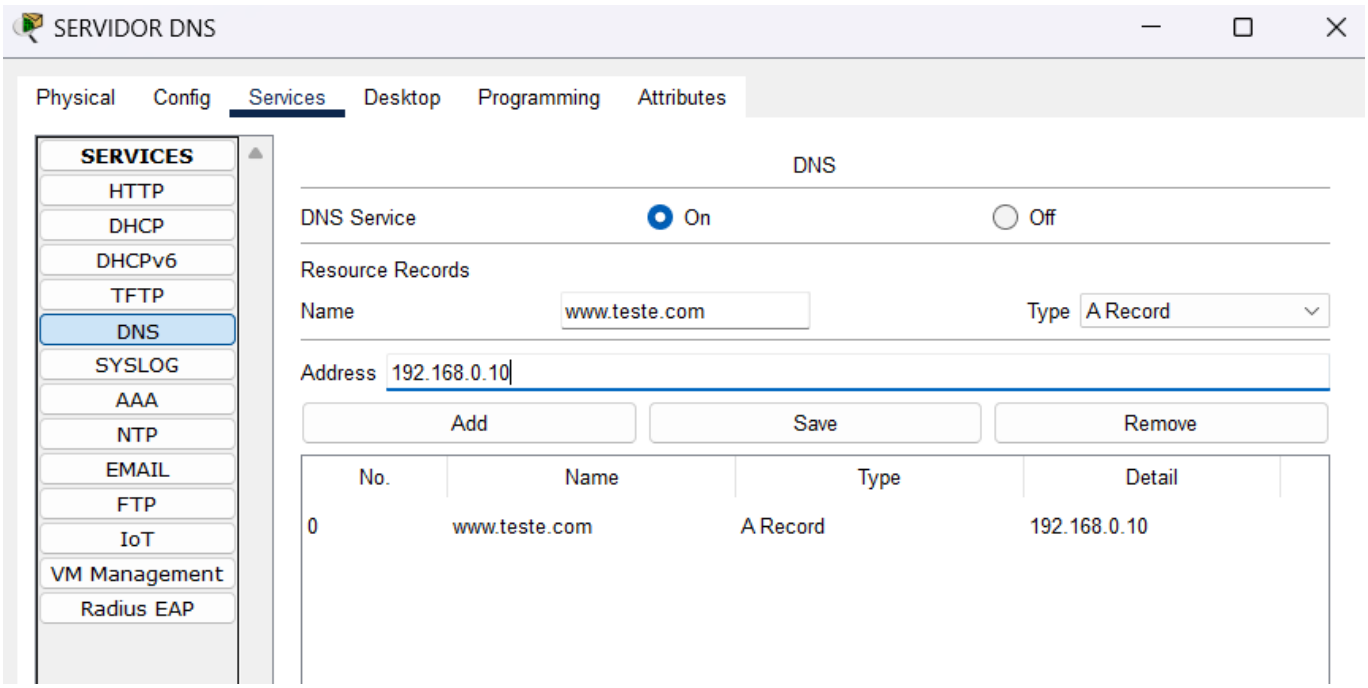


14. Na Aba **“Desktop”** clique em **“IP Configuration”**

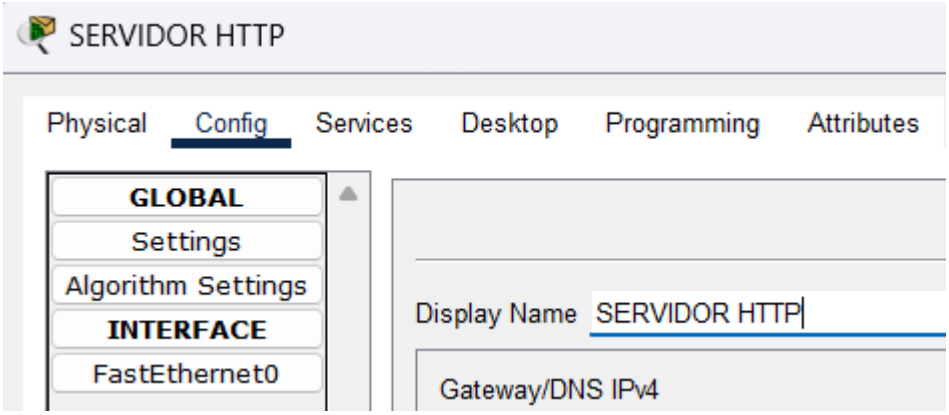
15. Configure conforme o destacado abaixo:



16. Na aba **“Services”**, selecione **DNS** e configure conforme o destacado. Feche as configurações

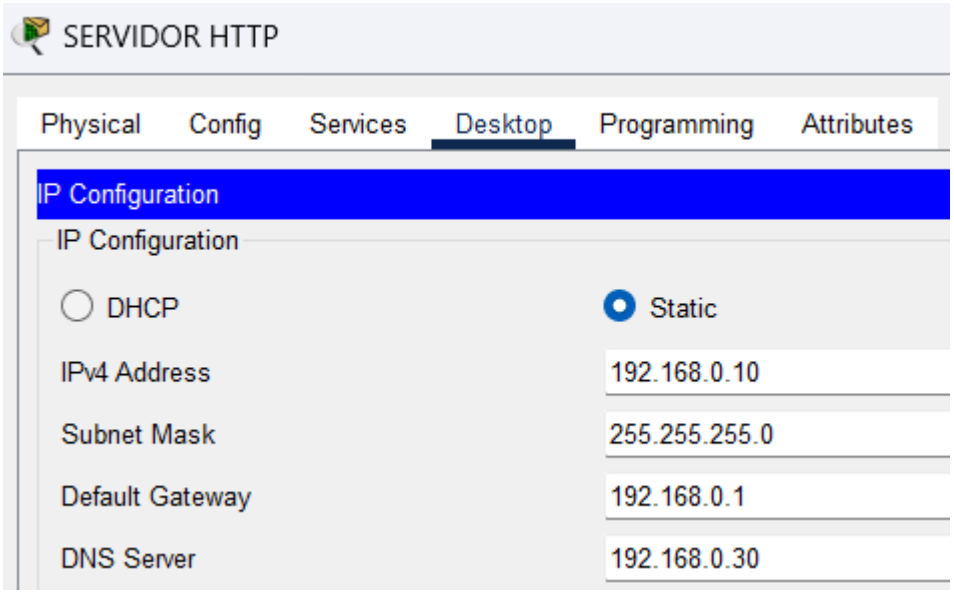


17. Clique em Server2 para abrir as opções e, na aba **Config**, altere o **“Display Name”** para **“SERVIDOR HTTP”**

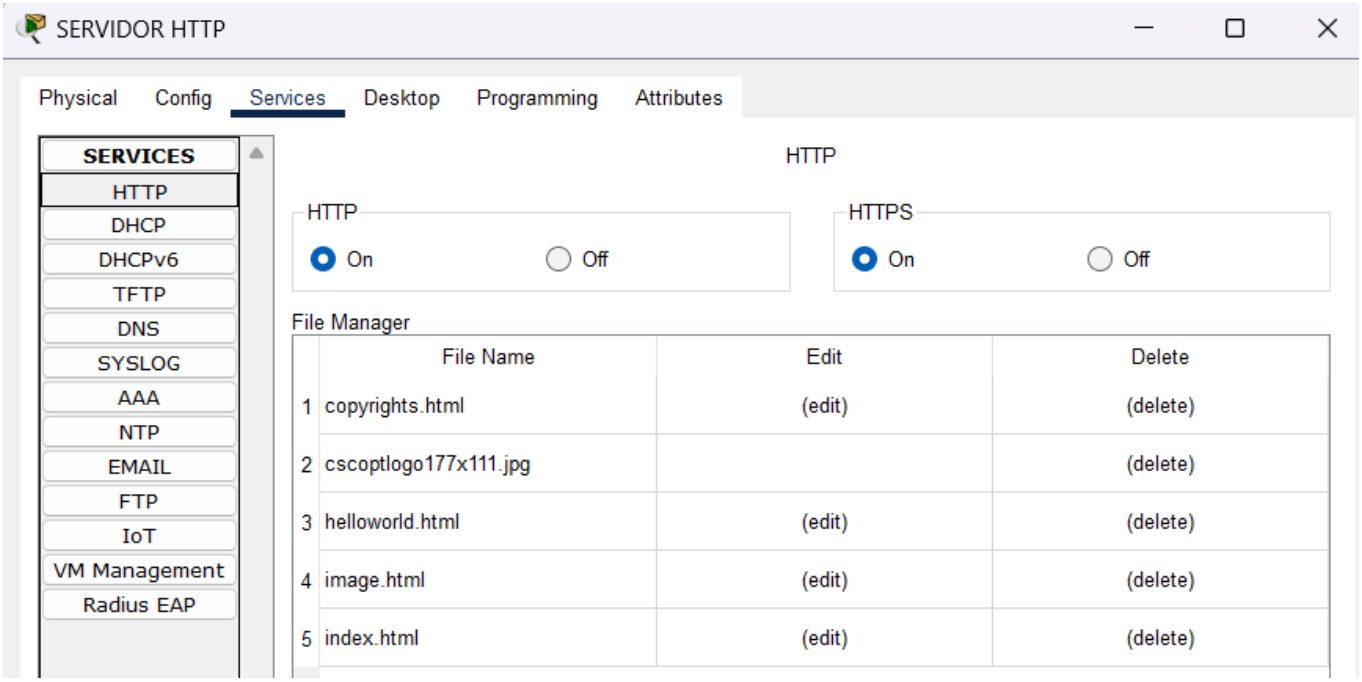


18. Na Aba **“Desktop”** clique em **“IP Configuration”**

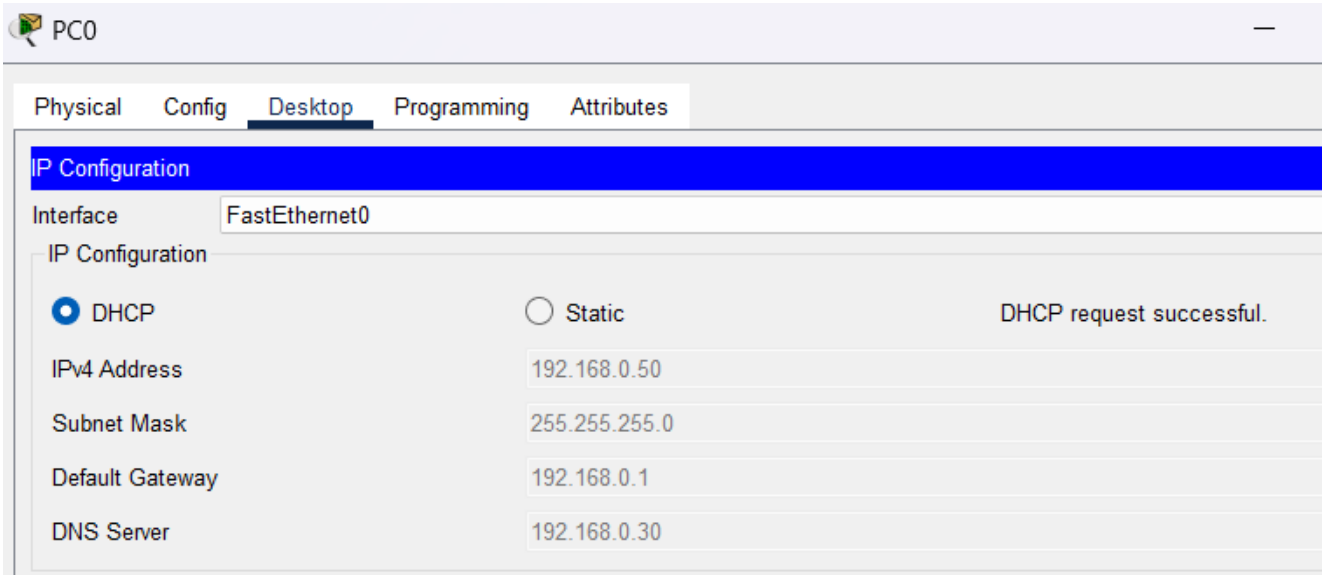
19. Configure conforme o destacado abaixo:



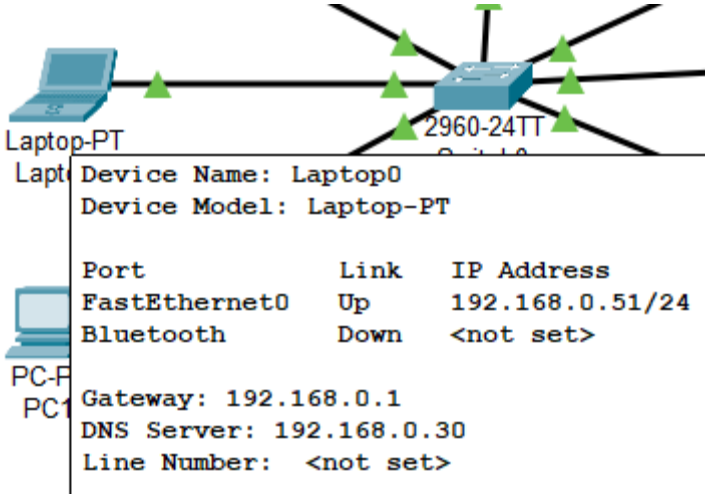
20. Na aba **“Services”**, o serviço **HTTP** já estará ativo. Feche as configurações



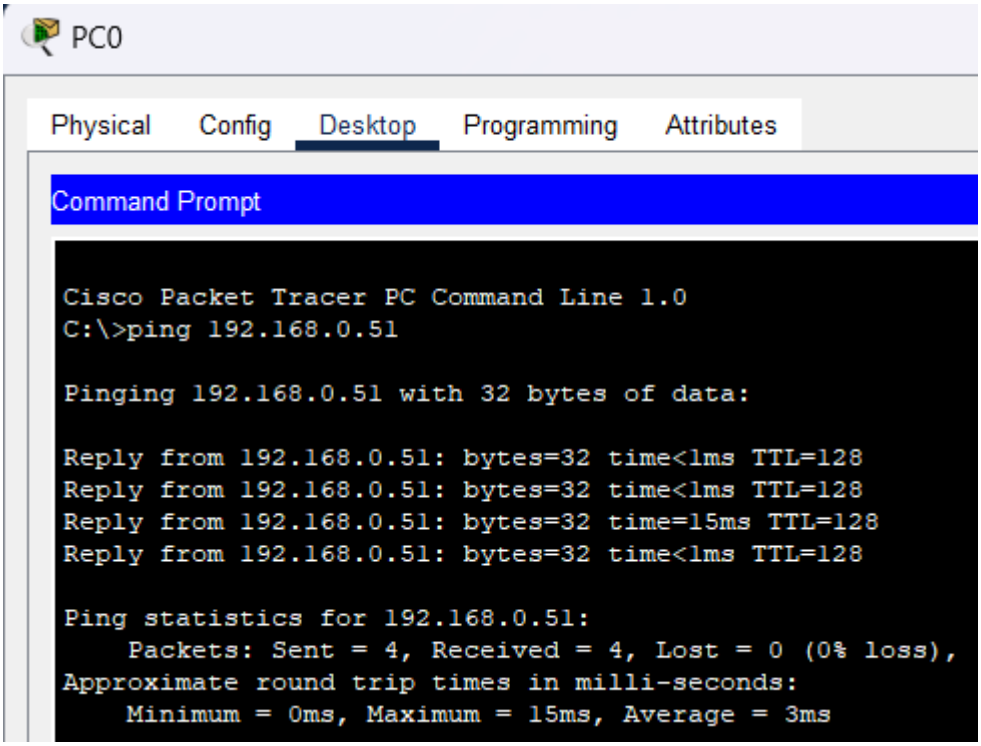
21. Agora abra as configurações de IP nos dois PCs e no Laptop e altere para DHCP como abaixo:



22. Passe o mouse sobre os computadores e verifique se as configurações estão corretas

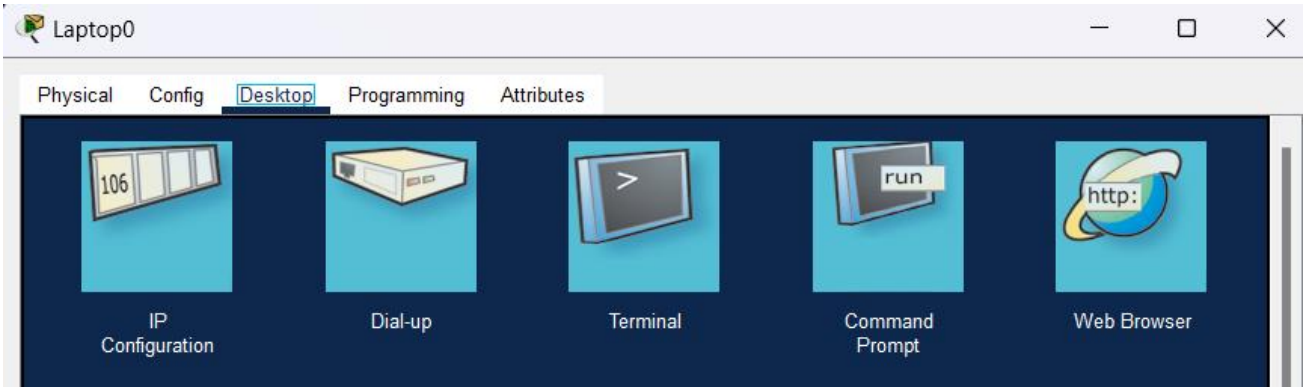


23. Execute o comando PING para testar a conectividade entre as maquinas



Obs. Os IPs podem ser diferentes

24. Abra as configurações do **Laptop0**, vá em **Desktop** e clique em Web Browser



25. Acesse site **www.teste.com**