UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS

COMPUTER NETWORKING

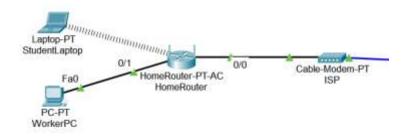
Paola Andrea Cuellar Beltran

Workshop No. 2 – Sockets and Services

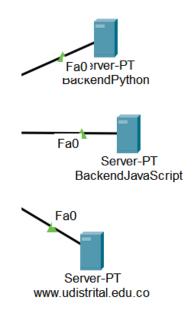
Eng. Carlos Andrés Sierra, M. Sc.
Computer Engineering
2025

For this workshop, I used Workshop 1 as a basis. I followed the step-by-step instructions as mentioned in the workshop and found myself in trouble many times. To explain things in a more organized way, I will go step by step:

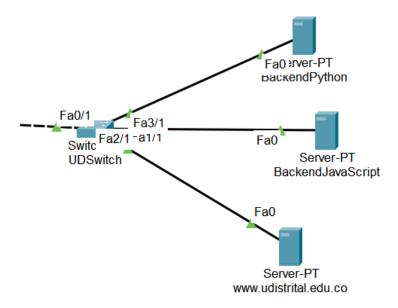
1. I used the StudentLaptop, the WorkerPC, the ISP, and the Internet again.



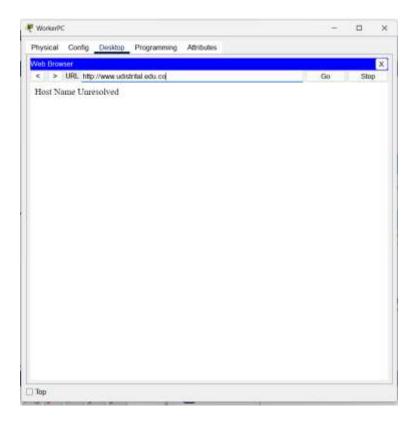
2. I added and configured the BackendPython, BackendJavaScript, and the FrontendServer or www.udistrital.edu.co.



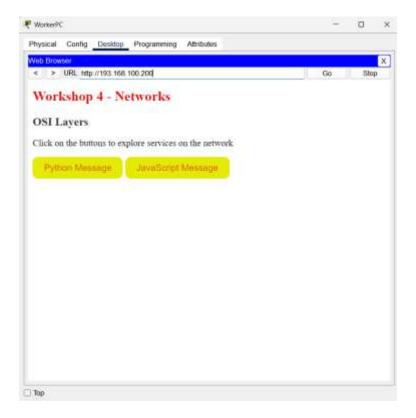
3. To establish the connection between the servers, I used a switch, which I named UDSwitch.



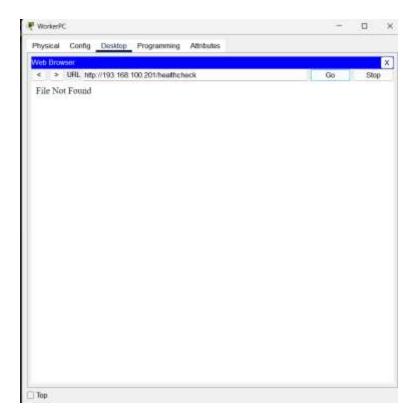
4. One of the initial problems I faced was that the waiting time was too long. So, I decided to set a checkpoint and work from there, always verifying that everything continued to function properly. One of the problems I encountered was the following:



5. And I was able to solve it as follows:



6. For some reason, the buttons are not working, and when I search for the URL, I get the following message:



7. For some reason, the buttons are not working, and when I search for the URL, I get the following message:



7. And at least the Python code is working correctly.

