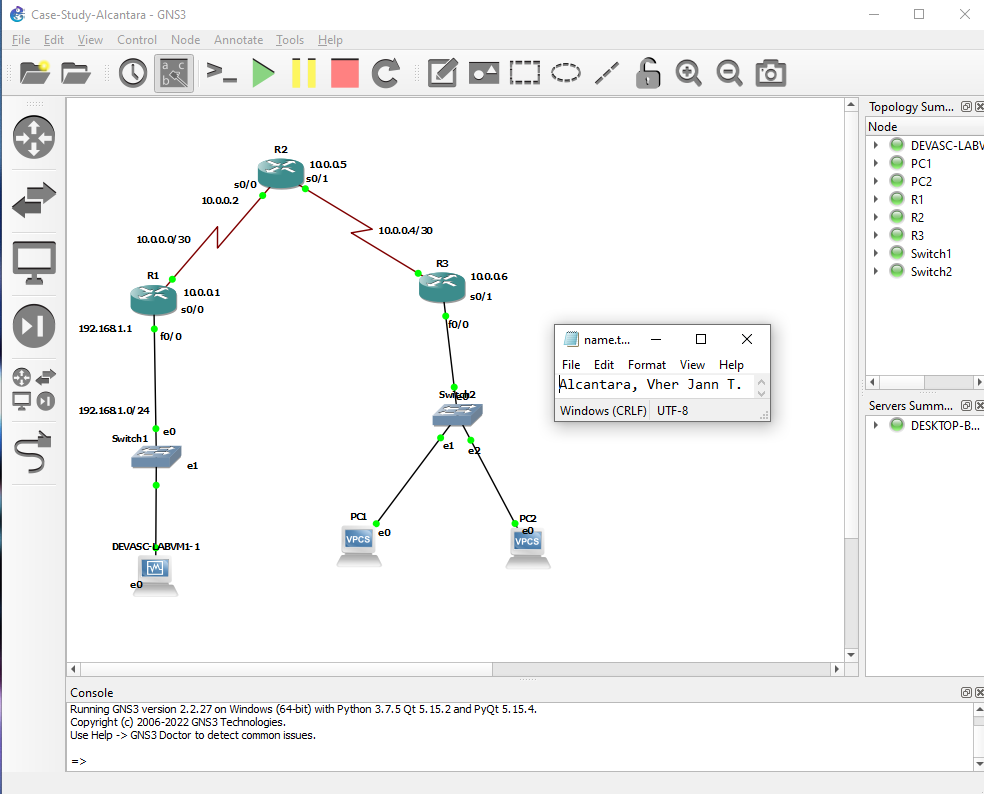
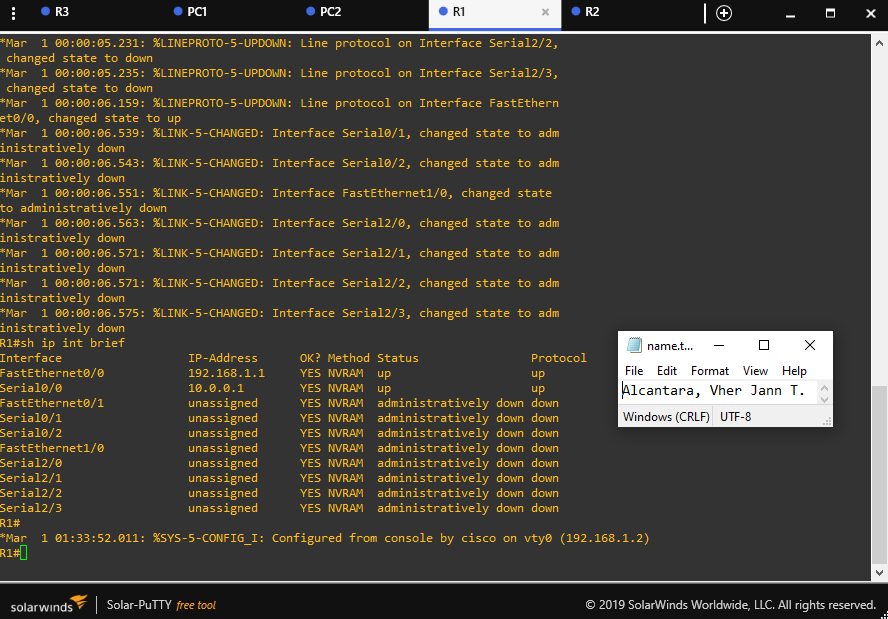
Alcantara, Vher Jann T. January 17, 2022

Final Case Study | Network Automation and Programmability

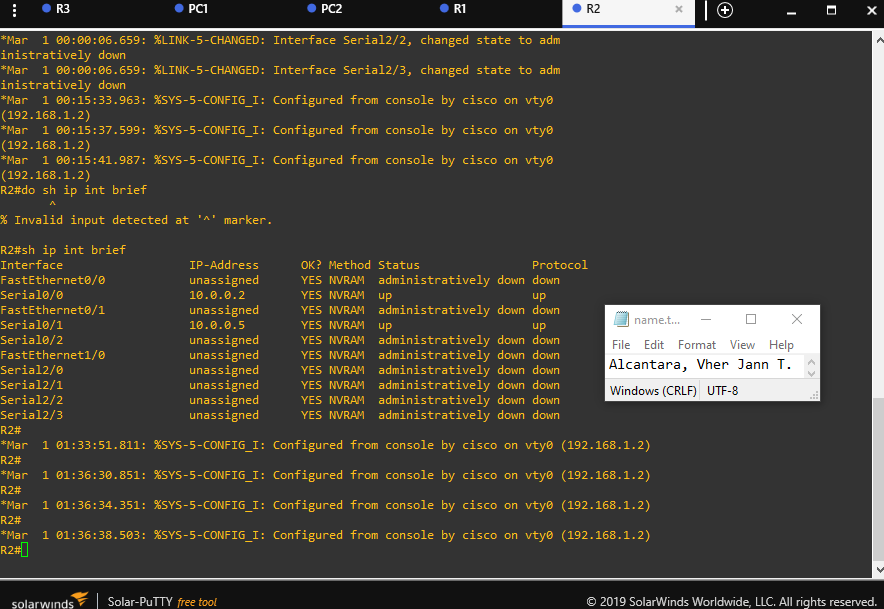
***Topology***



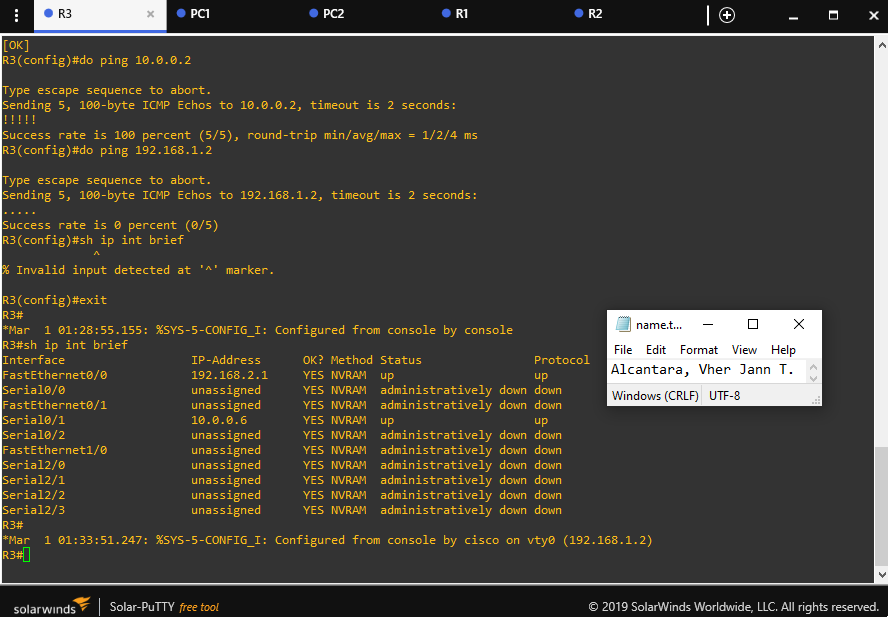
***R1 show ip int brief***



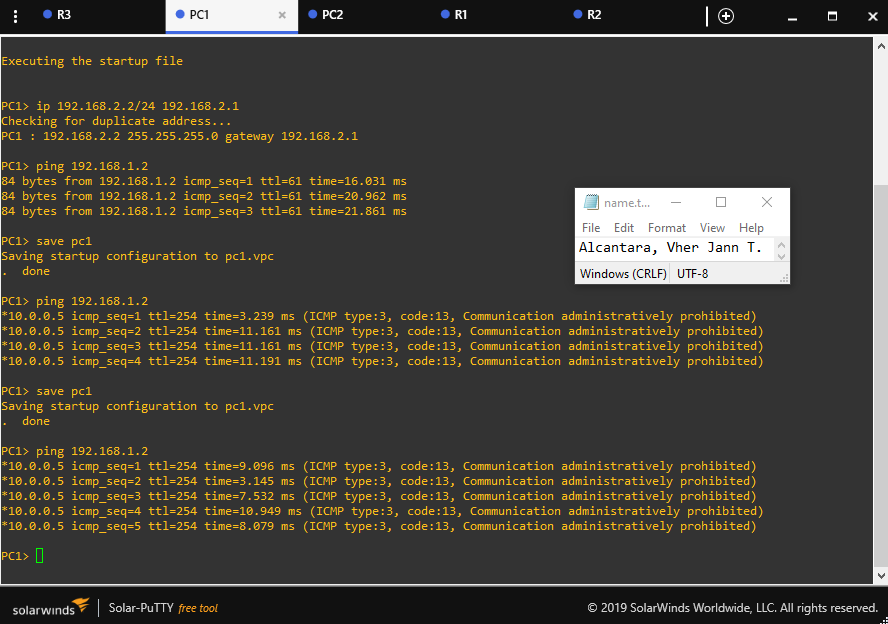
***R2 show ip int brief***



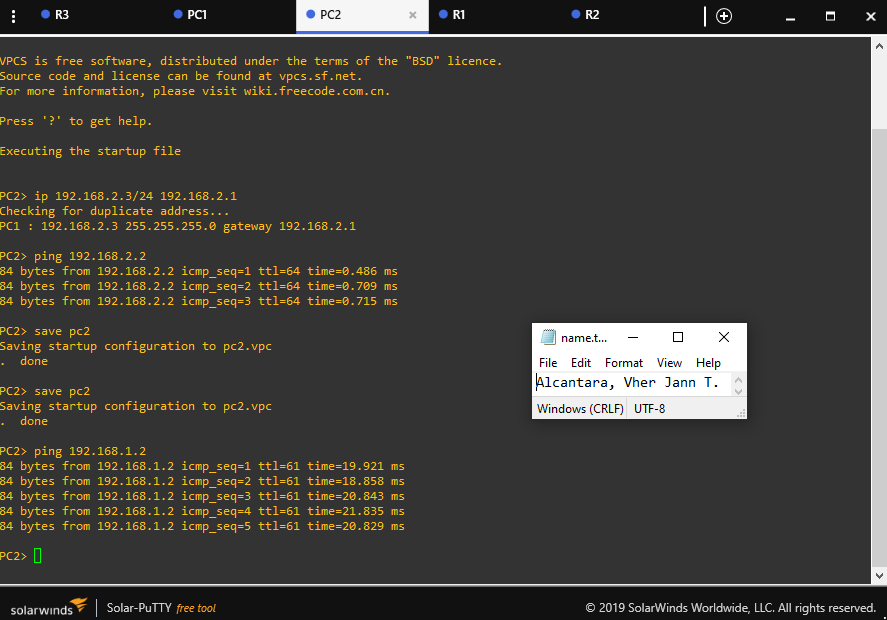
***R3 show ip int brief***



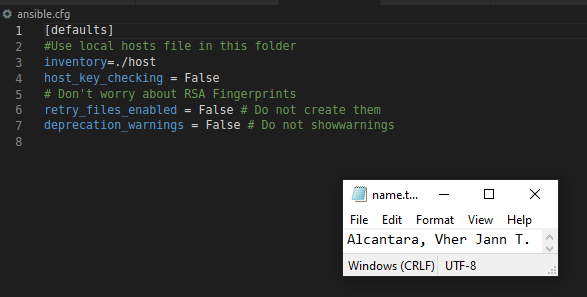
***Pc1 Configuration***



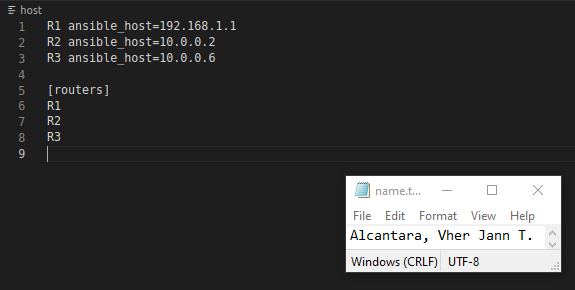
***Pc2 Configuration***



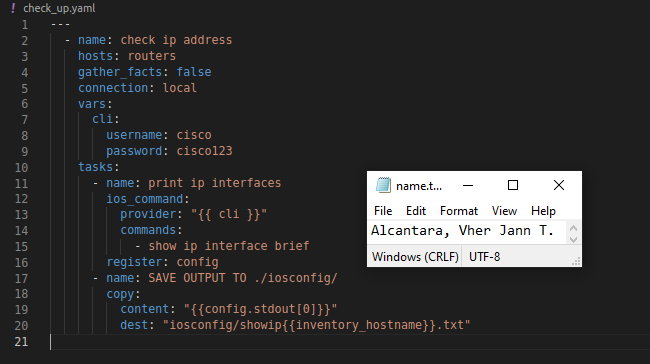
***Ansible.cfg***



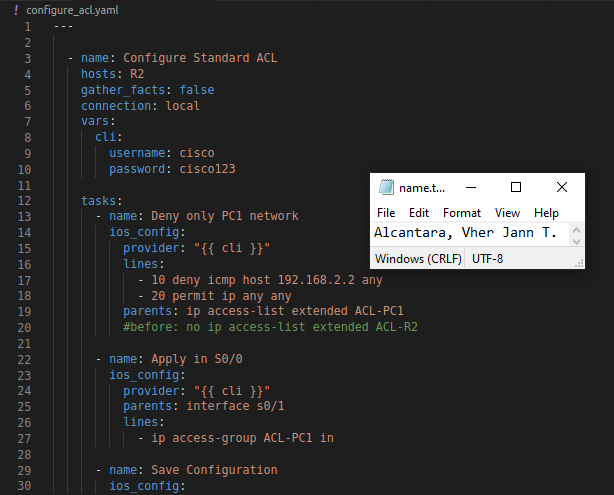
***Host file***

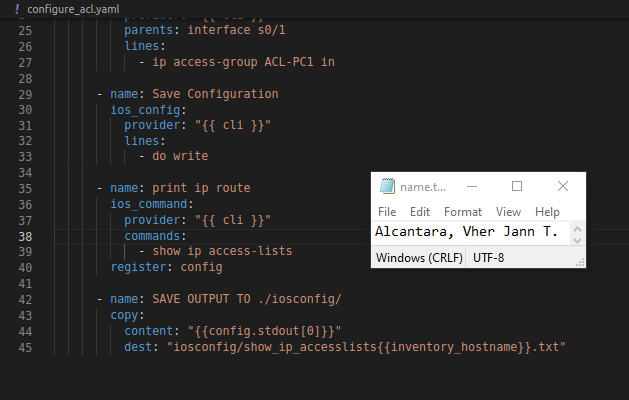


***Check\_ip.yaml file***

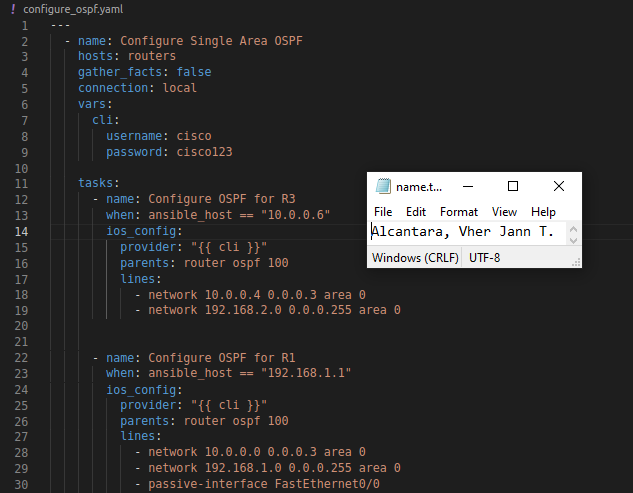


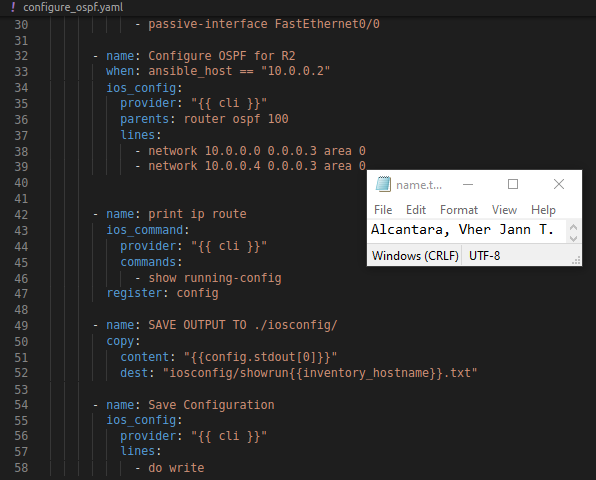
***Configure\_acl.yaml***



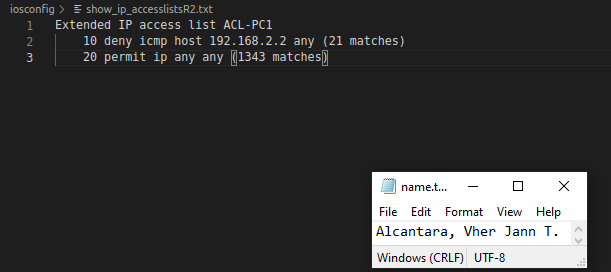


***Configure\_ospf.yaml***

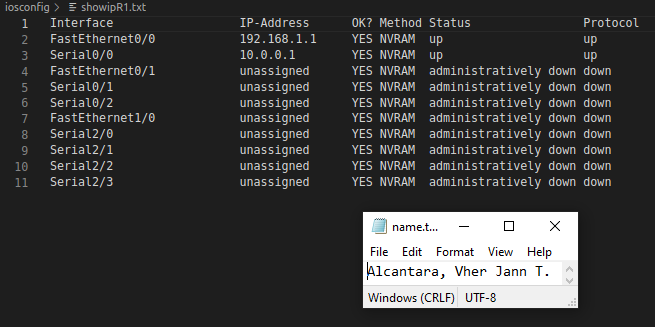




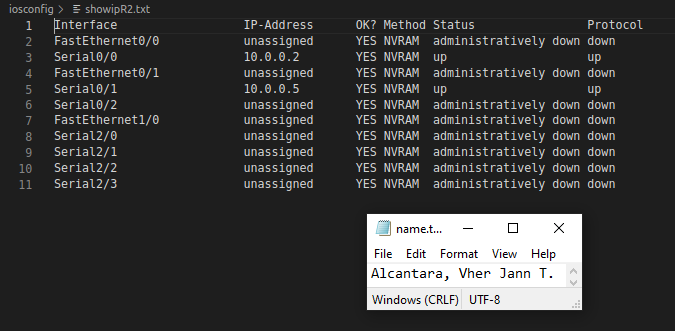
***Output of acl***



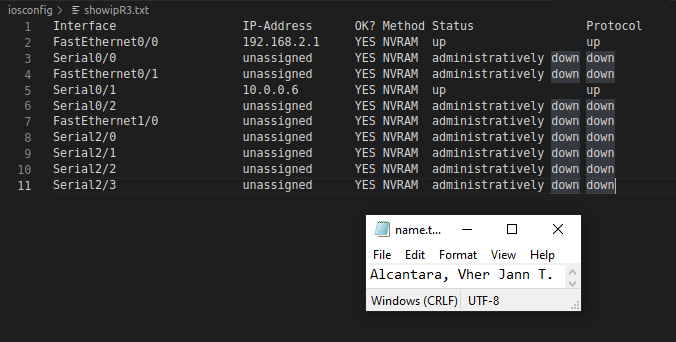
***Output of R1 for show ip***



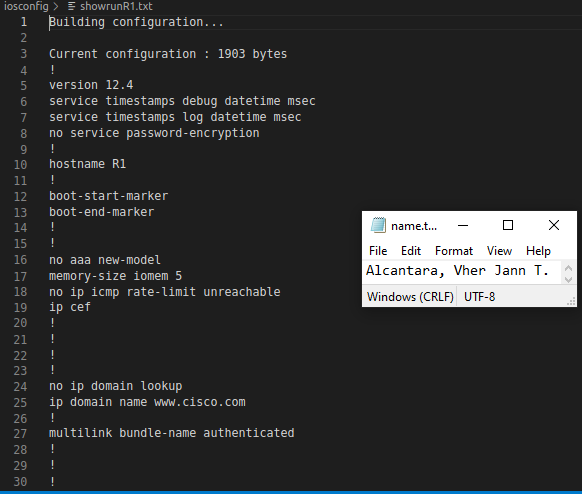
***Output of R2 for show ip***

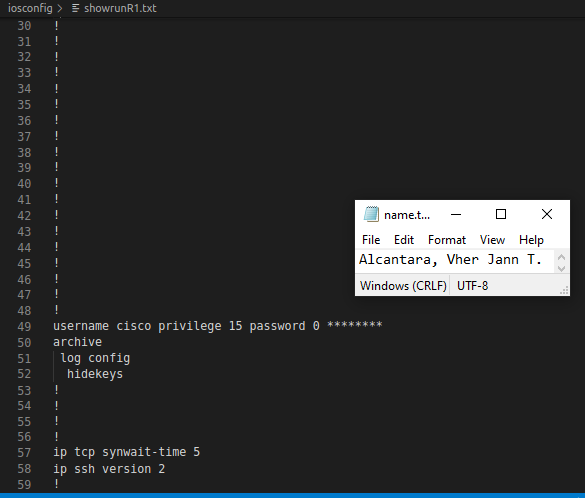


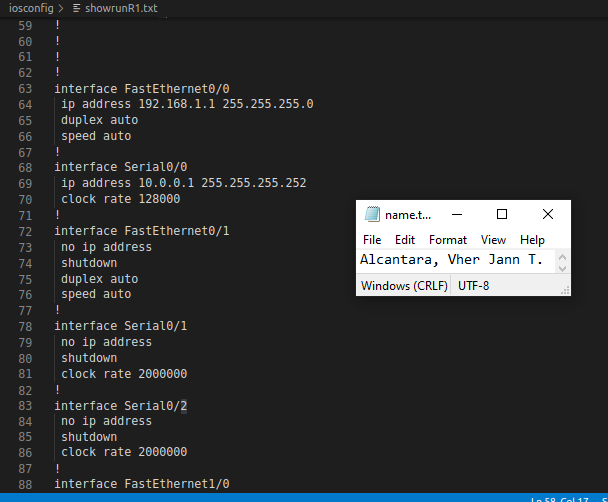
***Output of R3 for show ip***

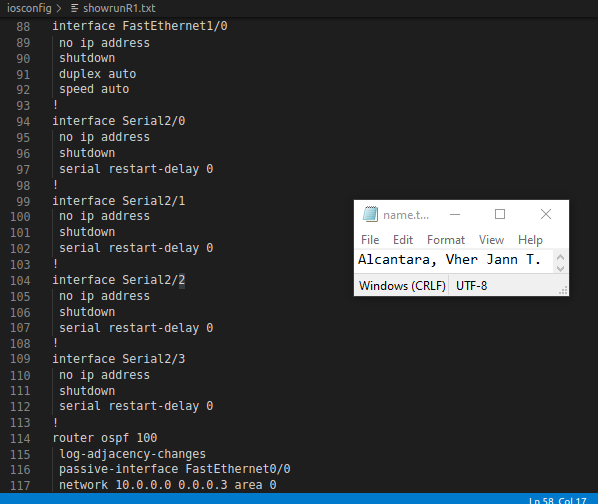


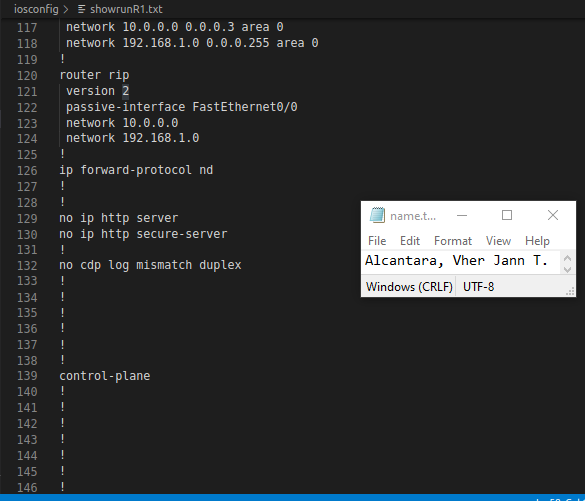
***Output for OSPF R1***

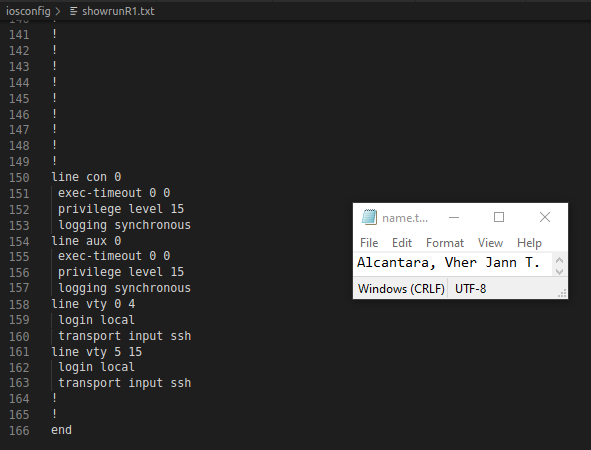




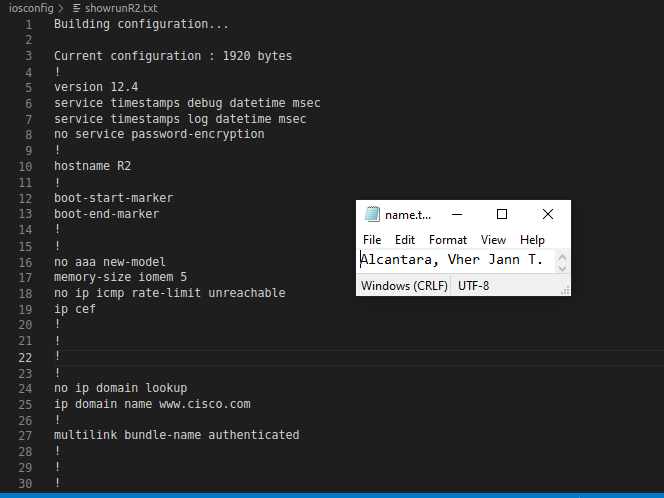


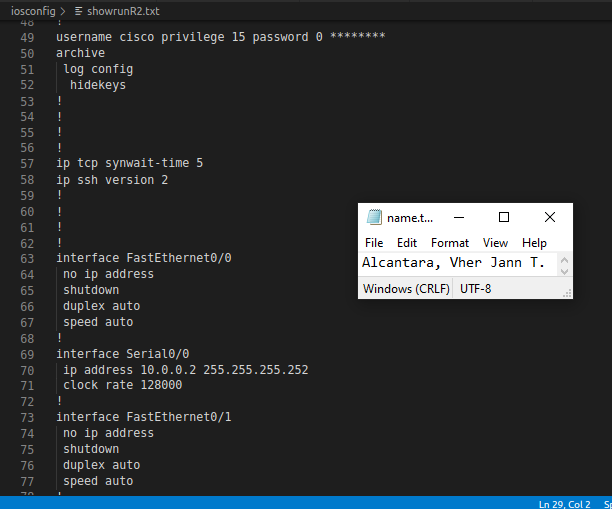


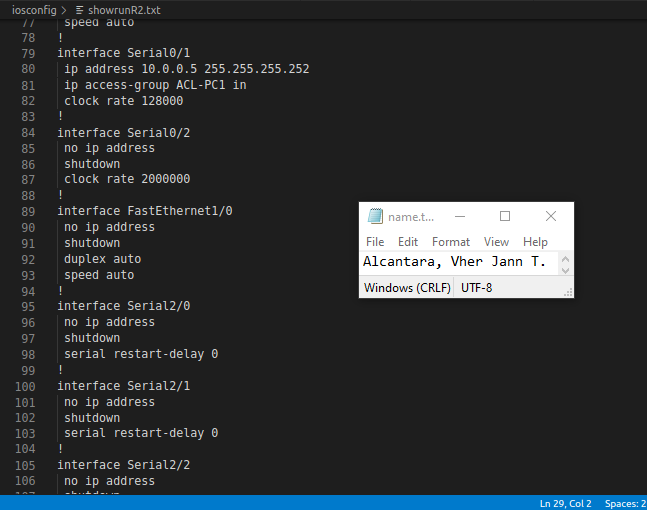


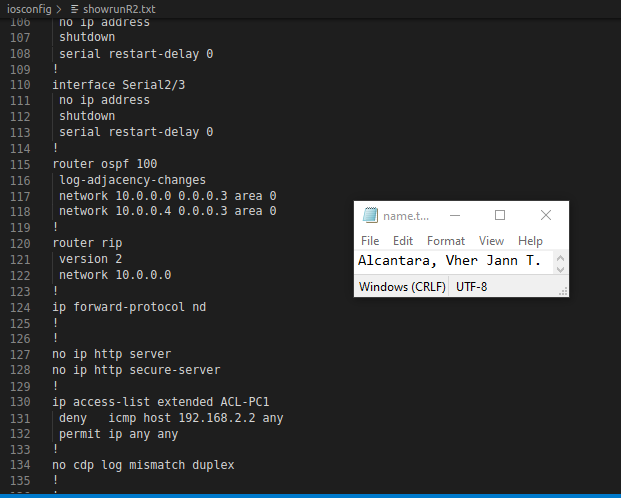


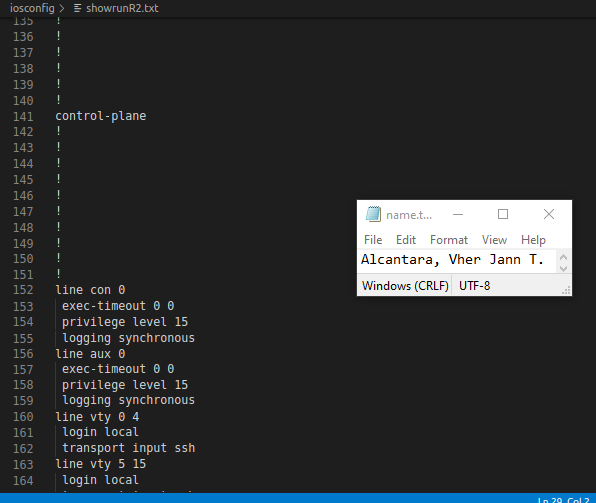
***Output for OSPF R2***

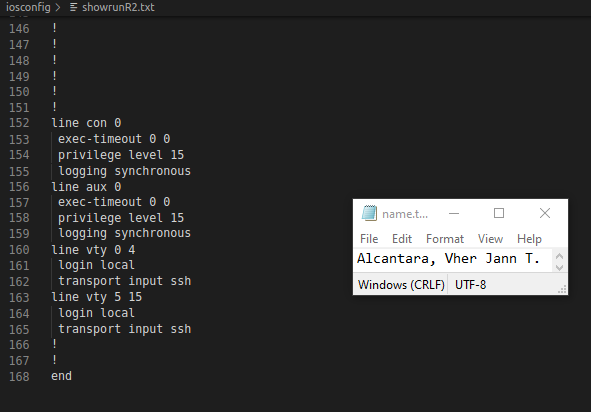




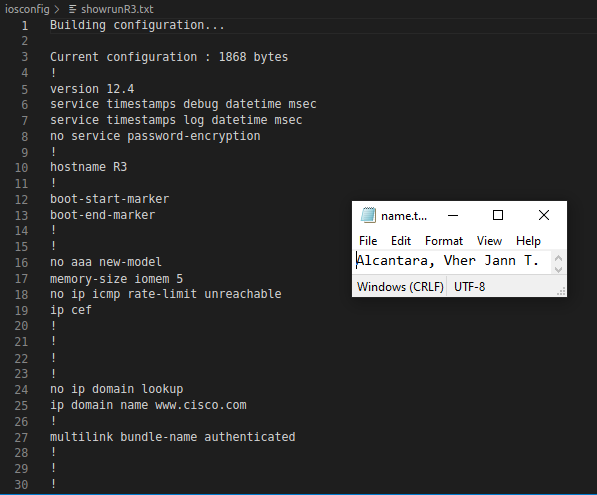


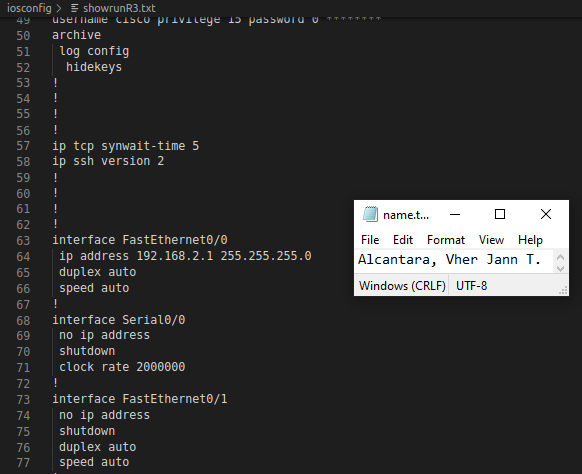


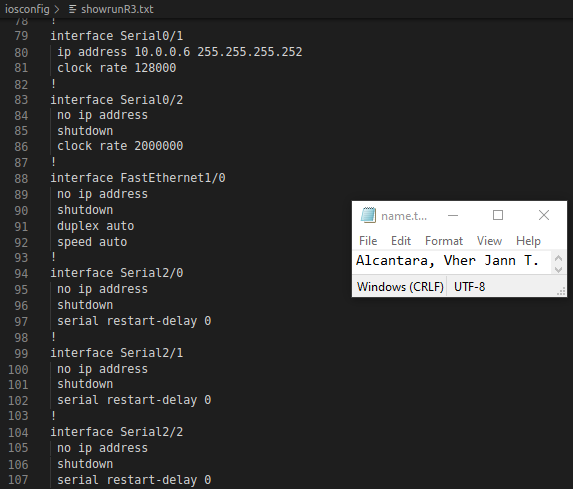


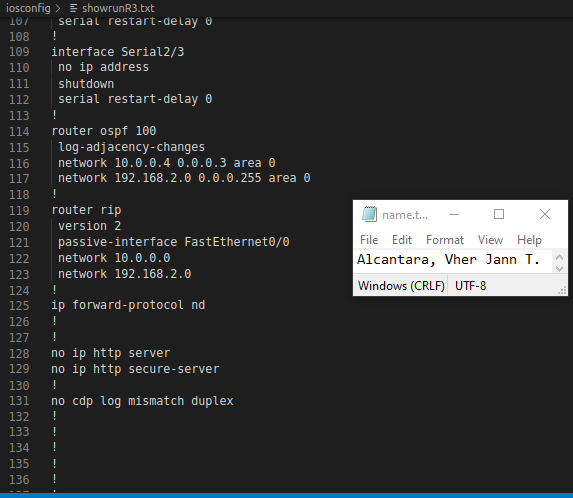


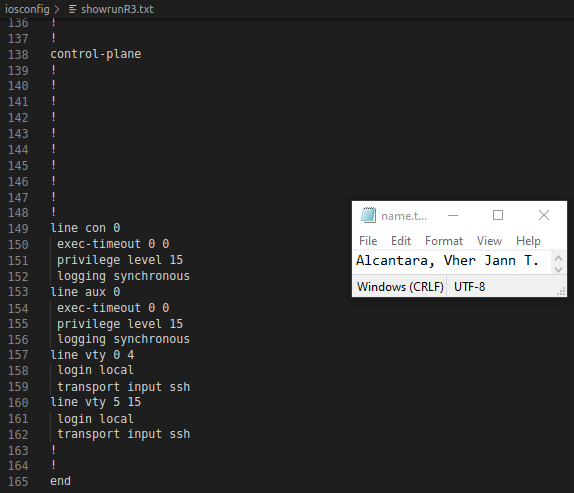
***Output for OSPF R3***



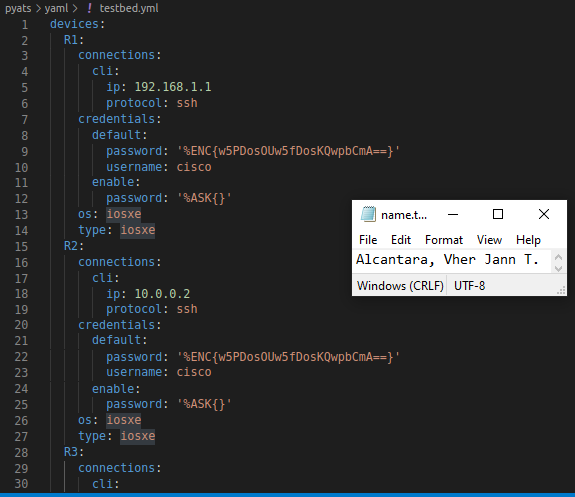


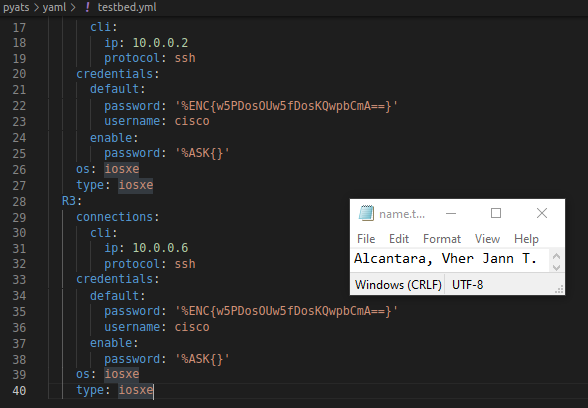




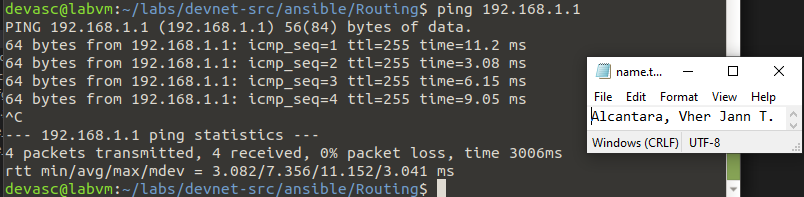


***Testbed.yml***

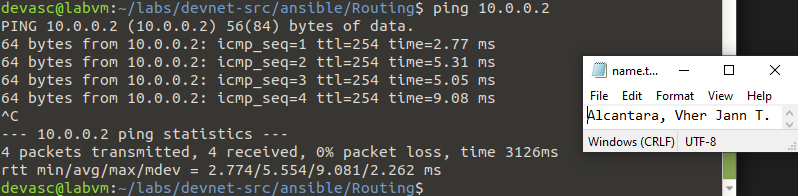




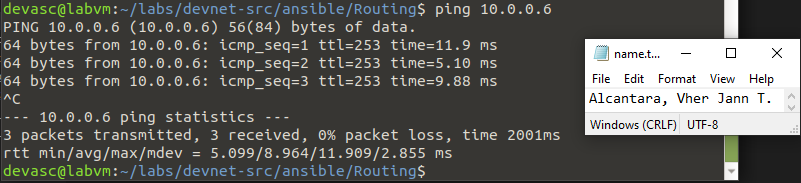
***Ping devasc to r1***



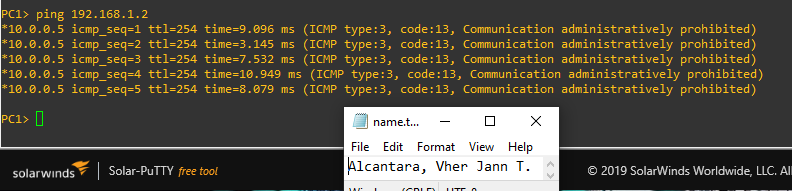
***Ping devasc to r2***



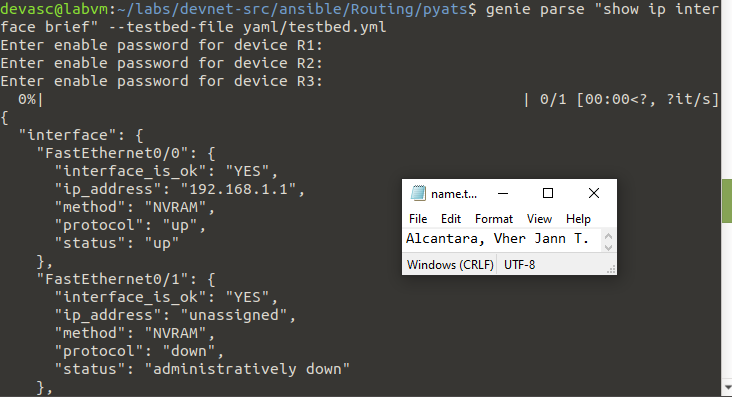
***Ping devasc to r3***



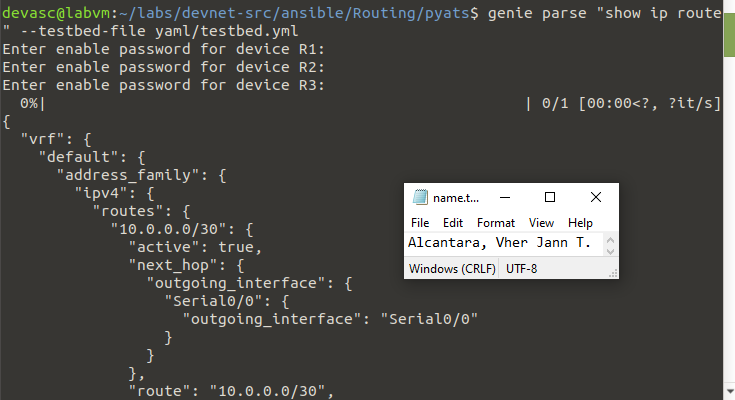
***Output of acl testing***



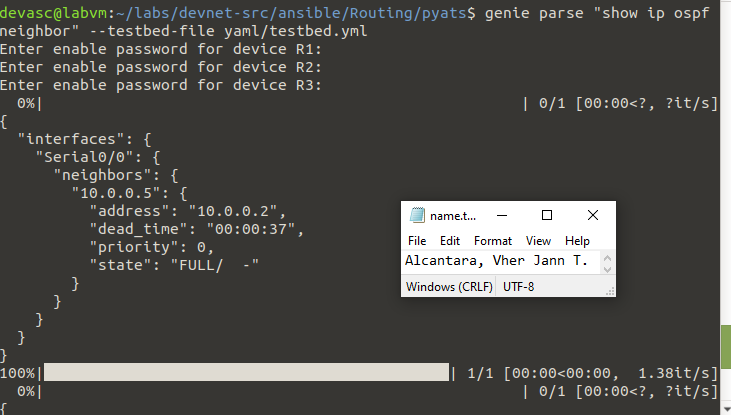
***genie parse "show ip interface brief" --testbed-file yaml/testbed.yml***



***genie parse "show ip route" --testbed-file yaml/testbed.yml***



***genie parse "show ip ospf neighbor" --testbed-file yaml/testbed.yml***



https://drive.google.com/drive/folders/1td6KLMkoN9NknSyzktZjy2isWEoQ63Ab?usp=sharing

**“I affirm that I have not given or received any unauthorized help on this assignment and that this work is my own.”**