topo1.py

A computer screen shot of a program

Description automatically generated

A computer code with many colorful text

Description automatically generated with medium confidence

A screenshot of a computer program

Description automatically generatedA screenshot of a computer program

Description automatically generatedr1.conf r2.conf

r3.conf

A screenshot of a computer program

Description automatically generated

**Run topology**

sudo python3 topo1.py



**Create the ODL BGL Instance**

curl -v --user "admin": "admin" -H "Accept: application/xml" -H "Content-Type: application/xml" -X POST http://localhost:8181/restconf/config/openconfig-network-instance:network-instances/network-instance/global-bgp/openconfig-network-instance:protocols/-d @bgp\_router.xml

A screen shot of a computer

Description automatically generated

**Create bgp neighbor**

curl -v --user "admin": "admin" -H "Accept: application/xml" -H "Content-Type: application/xml" -X POST http://localhost:8181/restconf/config/openconfig-network-instance:network-instances/network-instance/global-bgp/openconfig-network-instance:protocols/protocol/openconfig-policy-types:BGP/bgp-odl-router/bgp/neighbors/-d @bgp\_neighbor.xml

A screen shot of a computer

Description automatically generated

A computer screen with text on it

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Verify bgp neighbor / route details

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A computer screen with text on it

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**A black background with white text

Description automatically generatedA screen shot of a computer screen

Description automatically generatedVerify**

**Ping Test**

A screen shot of a computer code

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