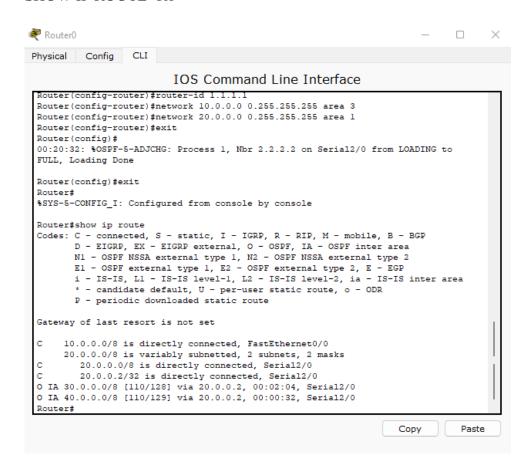
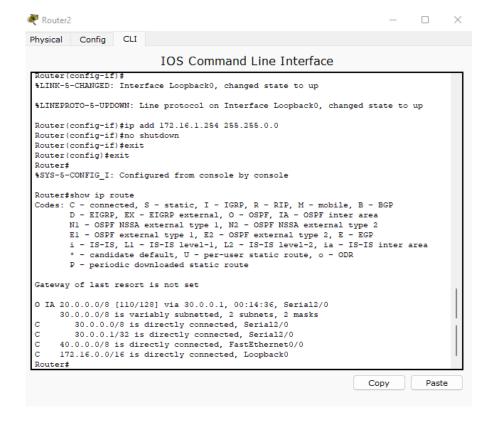
CONFIGURING OSPF PROTOCOL:

TOPOLOGY:



SHOW IP ROUTE -R1





OUTPUT:

```
- 🗆 X
10.0.0.10
 Physical Config
                                   Desktop Custom Interface
                                                                                                                                                       X
     Command Prompt
        PC>ping 40.0.0.10
      Pinging 40.0.0.10 with 32 bytes of data:
     Request timed out.

Reply from 40.0.0.10: bytes=32 time=6ms TTL=125

Reply from 40.0.0.10: bytes=32 time=6ms TTL=125

Reply from 40.0.0.10: bytes=32 time=6ms TTL=125
      Ping statistics for 40.0.0.10:
      Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
Minimum = 6ms, Maximum = 6ms, Average = 6ms
      PC>ping 40.0.0.10
      Pinging 40.0.0.10 with 32 bytes of data:
      Reply from 40.0.0.10: bytes=32 time=10ms TTL=125
Reply from 40.0.0.10: bytes=32 time=7ms TTL=125
Reply from 40.0.0.10: bytes=32 time=7ms TTL=125
Reply from 40.0.0.10: bytes=32 time=4ms TTL=125
      Ping statistics for 40.0.0.10:
      Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 4ms, Maximum = 10ms, Average = 7ms
```

Physical Config CLI

```
Restrictioning and community, one per line. Tried with CNTLZ. Restart (correlig) Prostage congress constraints, one per line. Tried with CNTLZ. Restart (correlig) Prostage congress (Inc.).

Line Line Interest (Inc.). In a state of the configuration in the configuration of the confi
```

The control of the co	
1 broaded input districted at 11 m., abort. Router (configuration) tousteet -44.2, 2, 2, 2. Router (configurate) (Function): Superior (2000) 10 m.	
Router (config-router): #bactwork 20_0, 0.00 255 255 255 area 1 Router (config-router): *Craetwork 20_o_0.00 255 255 255 area 1 00:34:08: *SGSPF-6-AGUCHG:	
Router (config-router) :Otnetwork 20_o_0.0 0 255 255 255 area 1 00:34:08: 'b08PF-6-ADJCHG:	
Product, NEC 1.1.1.1 on Secular South, South States (Compensary) Service Sci. 0. 0 0 0 255 255 255 256 4	
Restor (config-xouter) texts	
Reservices (grading) for the control of the control	
00: 34: 54: 10SPF-G-ADJCH4; Proe-los LiNks 3, 3, 3, on Serbiatio from LOADING to FULL Loading Done	
Router: (conflg) #interface loopback 0	
House (config-ti) 0 LIBH-3-CHANGES: Intercline Loophacki), ch god state to up LINEPROTO-S-UPOOIN: Line possocol on Interclines Loophacki), changed state to up Routexo(config-ti)tip add 172 IL. 1 253 325 253 25 00	
Roste, Life (config-if) Pete/subadown Abroulid input detected at -enacchedic, Roste ex(config-if) Ono chaudeon	
Rount.Lis (config-if) Next Roune!: (config);	
00:40:10: 'OSP9-4-EBBUC'V: Received invalid packet: miniatch a.i: au ID, frold backbone a.i: au IBBs be vi.x:cax 1-link but not found filton 20:0 0.2, Serial 2:0	
Routersteenflgf & 00.049 21: KOSPF-4. RRRCV: Ro. Seried invol Hid p. Sycket: mismatch of sizes ID, from backbon, in sizes IIIIS) be viscous I-link but not found forces 20.0 0, 2, 8	SEtscial2-0-00-49-31: 'OSPF-4-ERRRCV: Received invalid packet:
misriatch a cities ID, freEl backbone actions IIII56 be vicexua 1-link but not found friction 20.0 0.2, Seria 1.2 0 00 49 41 = VOSPF-4-1580BCCV: Received involid packet misriatch	match a :exa ID, from backbone a :exa rmat be vircual-link but not
found faxon 20 u 0 2, Secial20	
Road: (config) 4Crespf1 004951: '0019-4-BBBCV': Received invalid packet misriatch a free ID, frold buckbone a free IIIIPs be viscous I-link but not found filt on 200 0.2, Seris 1.20	
004951: USET +- EDUDO, V: RECEIVED ENVARID PREMET TREPURCH B. E. S. B. D. BOLL DECEMBER B. S. S. B. L. S.	
s Involid input distiller id at -mace MES.	
Route?: Iconfigl: Compfil : Compfil	
a bedtteed breeder weeks	
ty lavallel imper detected at - mace feech:	
Router (config.) C. routercopf I On 50: 11: 'OSPF-44: SRRCV: Racilityed invollid p.i.cklift: mismach of P.Mil ID, from backhou a of P.Mil must be viscous 1-link but not found focum 26. 6. 6. 2, Slift On 50: 11: 'OSPF-44: SRRCV: Racilityed invollid p.i.cklift: mismach of P.Mil ID, from backhou a of P.Mil must be viscous 1-link but not found focum 26. 6. 6. 2, Slift	x:hI2:0
Shroulid input detected at -musc health	
Route?: (config! ti:confi?: copf Route?:	
(config-circular) 3 00:90:21: (OSPP-4-EBBRCV: Received invalid packet ministch a.:::::a ID, frofil backbone a rises HIBS be victora I-link but not found fix om 20 0.0.2, Seria 1.20	
Route: (config-acouter) J	ink but not found from 10.0.0.1 Serial2//
	THE BUT HOLD FROM THE STATE OF
% Invalid input deteCted at m.a.rckere:	
Route::c(: config) :C:route:i:: ospf I Route::c(:	
config-tretouterict) #	
00:50:21: '&OSPF-4-ERRRCV: Received invalid packet: mismatch a:c:ea ID, from backbone a:c:ea must be virtua.1-link but not found f:c:om 20.0.0.2, Se:i::ial2/0	
Route:c:(config-route:c:)# ID, from backbone a:c:ea must be virtue	ua.1-link but not found f:c:om 20.0 0.2, Se:i::ia12/0 ID, from backbone a:c:ea mu
00: 50: 31: %OS PF-4-ERRRCV: Received invalid packet: mismatch a.c.ea l 00: 50: 41: &OSPF-4-ERRRCV: Received invalid packet: mismatch virtua 1-link but not found fixe om 20.0 0	0.2, Sei::ial2/0 ID, from backbone a.rea mu.st be vi:c:tua 1-link but not found from
VIO.50:51: "IIOSPF-4-ERRRCV: Received invalid backet: mismatch	
1.1.1 0.2, Serial2/0 Routene(; config-routener) #armea l vinitua.l-link 1.1.1.1 Routene(; config-routener) #ez.i t	
00: 51:11: \OSPF-5-ADJCHG • Process 1, Nbr 1 1 1 1 no OSPF VLO from LOADING to TIJLL, Loading Done	
Router (config) :C:	
Route:c con0 is now ava.ilable	
Route:e con0 is now ava.ilable	
Route:e con0 is now ava.ilable	
Route'c con0 is now ava.ilable	

```
Roueer>
Roueer>enable
Roueer#configure eerminal
Eneer configuracion comm.ands, one per line. End wich CNTL/2. Roueer(config) \#roueer-id 3.3.3.3
% Invalid inpue deeeceed ae •-• marker.
Roueer(config) #roueer ospf 1
Roueer(config-roueer) #roueer-id 3.3.3.3
Roueer(config-roueer) #neework 30.0.0.0 0.25S.25S.25S area 0
Roueer(config-roueer)\#neework 30.0.0.0 0.25S.25S.25S area 0
00:3€:Sl: %OSPF-S-ADJCHG: Process 1, Nbr 2.2.2.2 on Serial2/
Roueer(config-roueer) #neework 40.0.0.0 0.25S.25S.25S area 2
Roueer(config-roueer)#exie
Roueer(config)#
Roueer(config) #ineerface loopback 0
Roueer(config-if)#
%LINK-S-CHANGED: Ineerface LoopbackO, changed seaee eo up
%LINEPROTO-S-UPDOWN: Line proeocol on Ineerface Loopback0, changed sease eo up Roueer(config-if)#ip add 172.10.1.284 258.258.0.0
Roueer(config-if) #no shuedown
Roueer(config-if)#exie
Roueer(config)#
Roueer(config) #rouer ospf 1
% Invalid inpue deeeceed ae •-• marker.
Roueer(config) #roueer ospf 1
Roueer(config-roueer)#exie
Roueer(config)#exie
Roueer#
%SYS-S-CONFIG_I: Configured from console by console
```

Roueer con0 is now available