

BGP Local Preference Lab

Goal:

All IP addresses have been preconfigured for you.

1. Configure iBGP within AS 100.
 2. Configure EBGP between router CE-1 and ISP-1.
 3. Configure EBGP between router ISP-1 and Backbone.
 4. Configure EBGP between router Backbone and ISP-2.
 5. Configure EBGP between router CE-2 and ISP-2.
 6. Advertise all networks from AS 100, AS 200, AS 300 and AS 400 in BGP.
- Before proceeding check reachability. Make sure AS 100 can reach any network in AS 200, AS 300 or AS 400.**
7. Configure router CE-1 so all networks learned through EBGP have a local preference of 250.
 8. Configure router CE-2 so network 6.6.6.0/24 has a local preference of 300.
 9. Configure router CE-2 so all networks from AS 400 have a local preference of 350.
 10. Configure router CE-2 so network 66.66.66.0/24 has a local preference of 400, you are not allowed to use an access-list.

