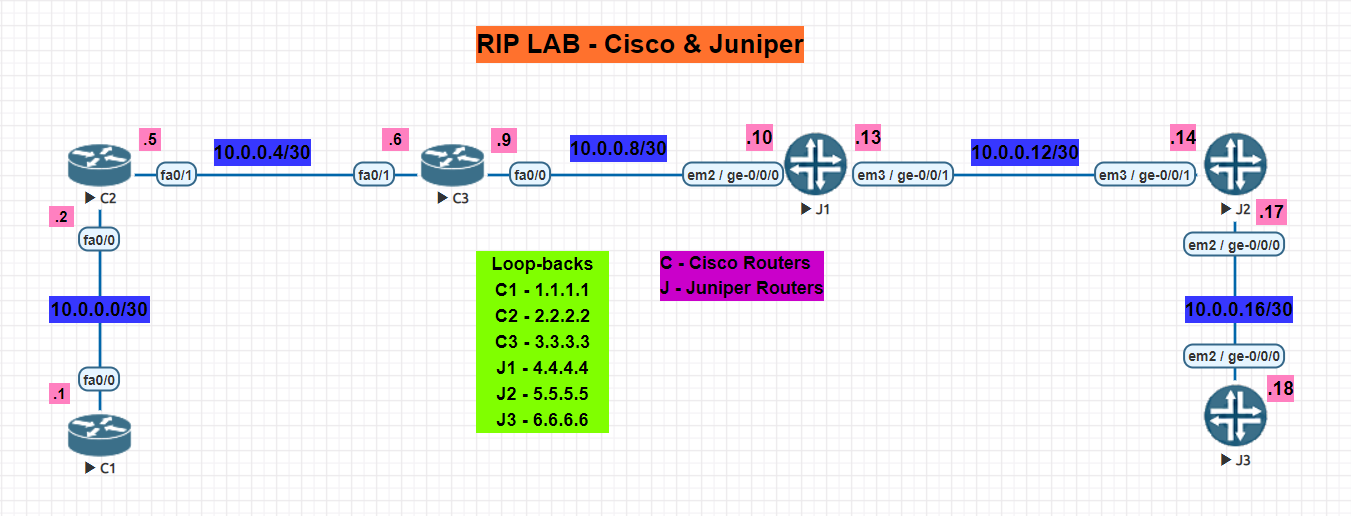
**JUNIPER-CISCO RIP LAB**

**Network Topology:**

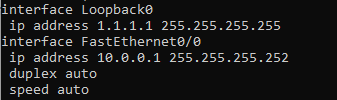
****

**NOTE: Perform all the basic configuration on Juniper Router given in Juniper Static Routing Lab before performing the lab**

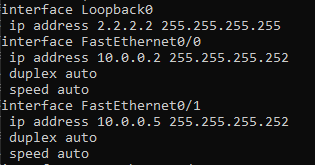
1. **Configure the respective physical interfaces & also configure the loopback interfaces on all the routers in the configuration mode as per the network topology**

**CISCO Routers:**

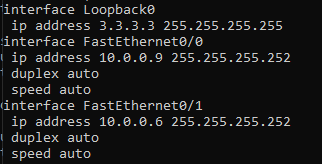
**C1:**

****

**C2:**

****

**C3:**

****

**JUNIPER Routers:**

**J1:**

****

**J2:**

****

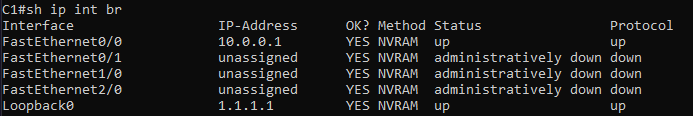
**J3:**

****

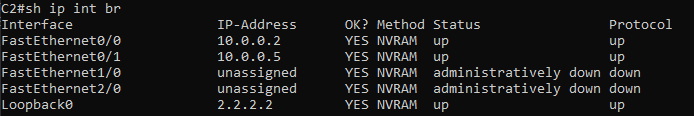
1. **Verify using the show command that all the interfaces are configured correctly.**

**CISCO Routers:**

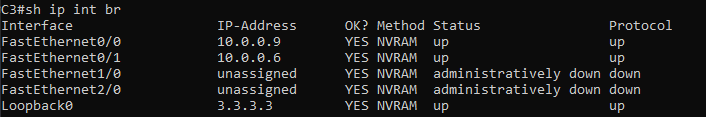
**C1:**

****

**C2:**

****

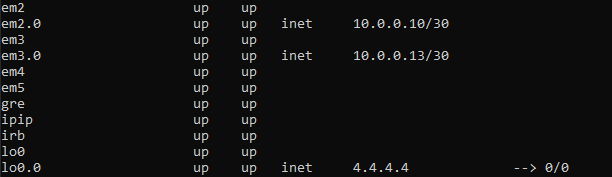
**C3:**

****

**JUNIPER Routers:**

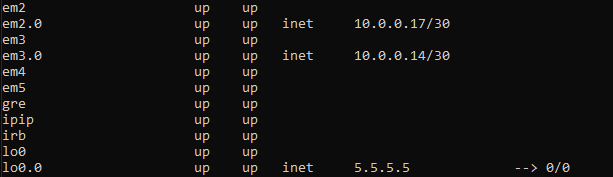
**J1:**

****

****

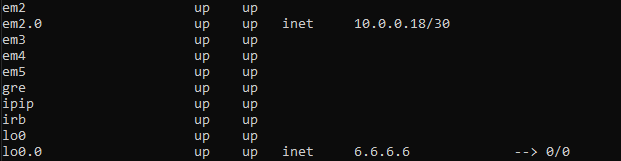
**J2:**

****

****

**J3:**

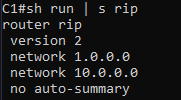
****

****

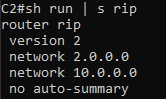
1. **Run RIPv2 protocol on all the Cisco Routers & advertise their respective networks.**

**CISCO Routers:**

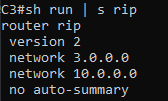
**C1:**

****

**C2:**

****

**C3:**

****

1. **Enable RIP routing protocol on all the Juniper router under the group name ‘rip-juniper’ advertise the interfaces into the rip group name ‘rip-juniper’**

**JUNIPER Routers:**

**J1:**

****

**J2:**

****

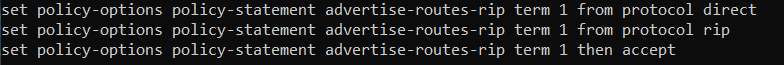
**J3:**

****

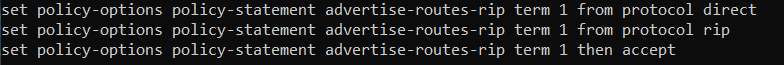
1. **Create a Routing policy such that it advertises both the direct & RIP learned routes.**

**JUNIPER Routers:**

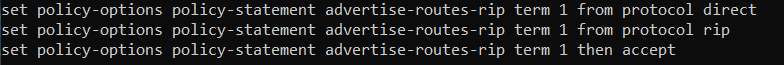
**J1:**

****

**J2:**

****

**J3:**

****

1. **Now, import & export the routes learnt from RIP**

**JUNIPER Routers:**

**J1:**

****

**J2:**

****

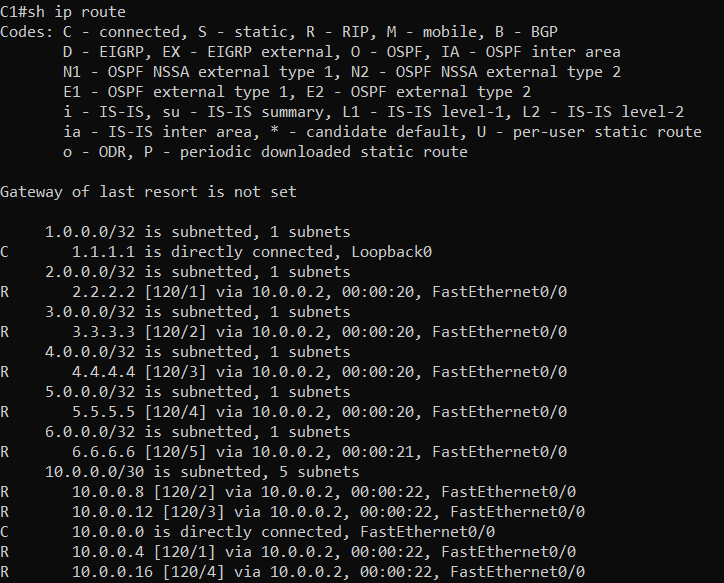
**J3:**

****

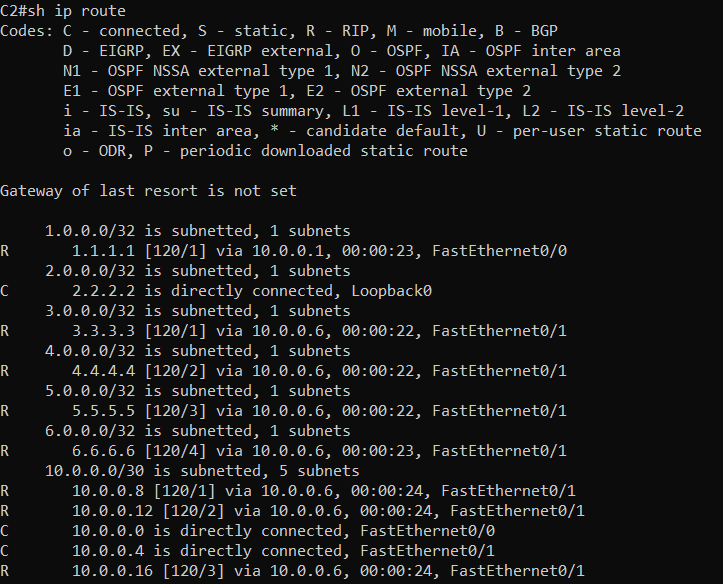
1. **Verify using the show command on both the Cisco & Juniper routers whether Routes learnt from RIP is seen or not in the routing table.**

**CISCO Routers:**

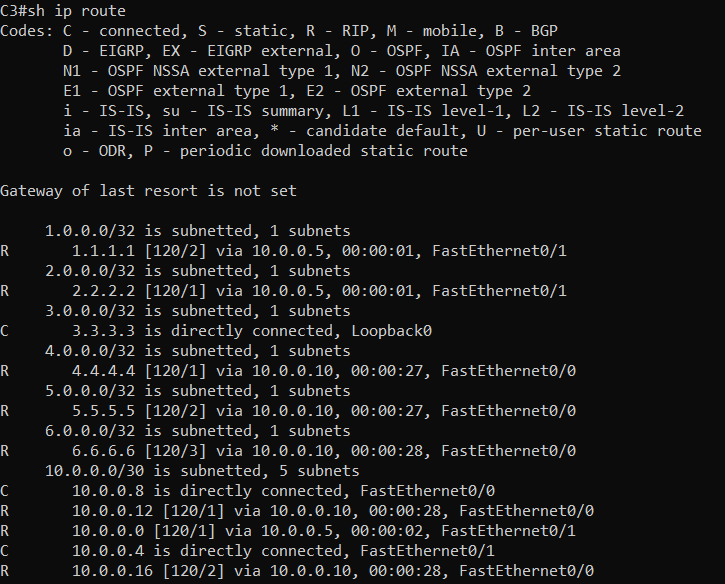
**C1:**

****

**C2:**

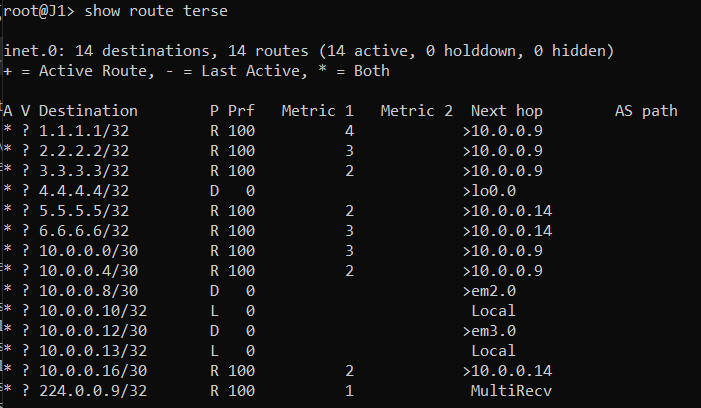
****

**C3:**

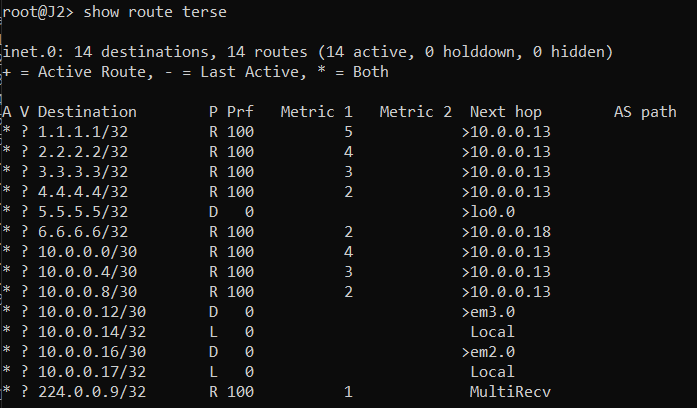
****

**JUNIPER Routers**

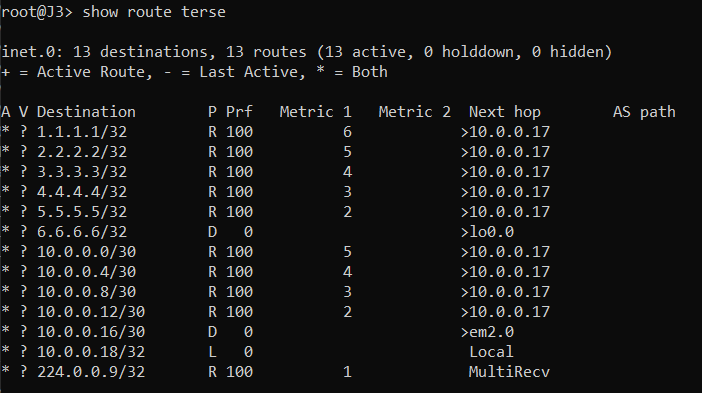
**J1:**

****

**J2:**

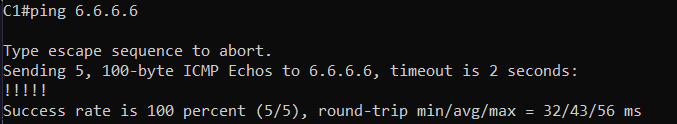
****

**J3:**

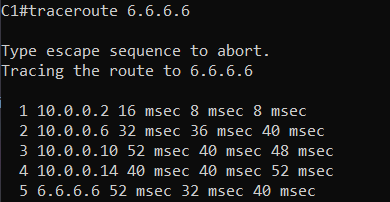
****

1. **Verify using the ping command & traceroute to check the end to end connectivity from loopback of C1 to loopback of J3**

**Ping:**

****

**Traceroute:**

****