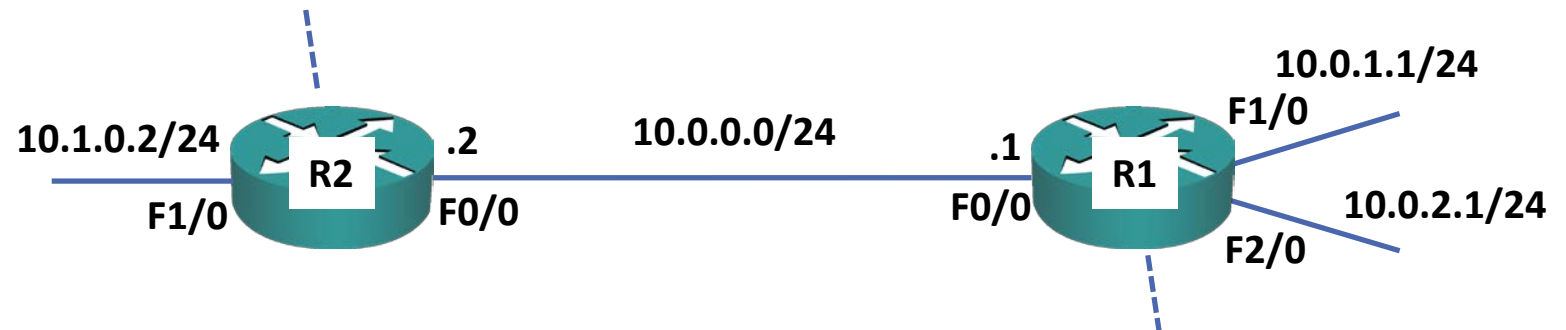


Static Routes

- If a router receives traffic for a network which it is not directly attached to, it needs to know how to get there in order to forward the traffic
- An administrator can manually add a static route to the destination, or the router can learn it via a routing protocol

```
ip route 10.0.1.0 255.255.255.0 10.0.0.1  
ip route 10.0.2.0 255.255.255.0 10.0.0.1
```



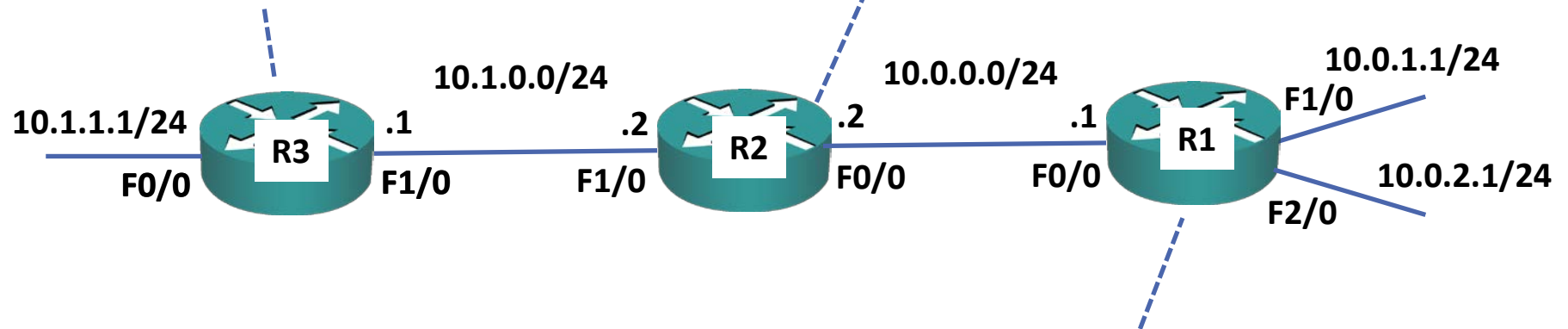
```
ip route 10.1.0.0 255.255.255.0 10.0.0.2
```

Static Routes



```
ip route 10.1.1.0 255.255.255.0 10.1.0.1  
ip route 10.0.1.0 255.255.255.0 10.0.0.1  
ip route 10.0.2.0 255.255.255.0 10.0.0.1
```

```
ip route 10.0.0.0 255.255.255.0 10.1.0.2  
ip route 10.0.1.0 255.255.255.0 10.1.0.2  
ip route 10.0.2.0 255.255.255.0 10.1.0.2
```



```
ip route 10.1.0.0 255.255.255.0 10.0.0.2  
ip route 10.1.1.0 255.255.255.0 10.0.0.2
```

Lab

