

# 6.Static Routing Using Packet Tracer

The image displays the Cisco Packet Tracer interface for a static routing configuration. The main workspace shows a network topology with two routers, Router0 and Router1, connected via their GigabitEthernet0/0 interfaces. Router0 has IP 192.168.1.2 and Router1 has IP 192.168.1.4. Each router is connected to a 2500-3 TT switch. Router0's switch has two PCs connected: PC0 (192.168.2.7) and PC1 (192.168.2.9). Router1's switch has two PCs connected: PC2 (192.168.3.5) and PC3 (192.168.3.7). The interface 'Logical' is selected at the top.

A configuration window for Router0 is open, showing the 'Config' tab. The 'GigabitEthernet0/0' interface is selected. The configuration shows:

- Port Status: On
- Bandwidth: 1000 Mbps
- Duplex: Full Duplex
- MAC Address: 0003.EA41.0101
- IP Configuration: IP Address 192.168.1.2, Subnet Mask 255.255.255.0
- Tx Ring Limit: 10

The 'Equivalent IOS Commands' section shows the following commands:

```
Router(config)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#no ip address
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#ip address 192.168.1.2 255.255.255.0
Router(config-if)#ip address 192.168.1.2 255.255.255.0
```

