

**UNIVERZITET U BIHAĆU**  
**TEHNIČKI FAKULTET**  
**BIHAĆ**

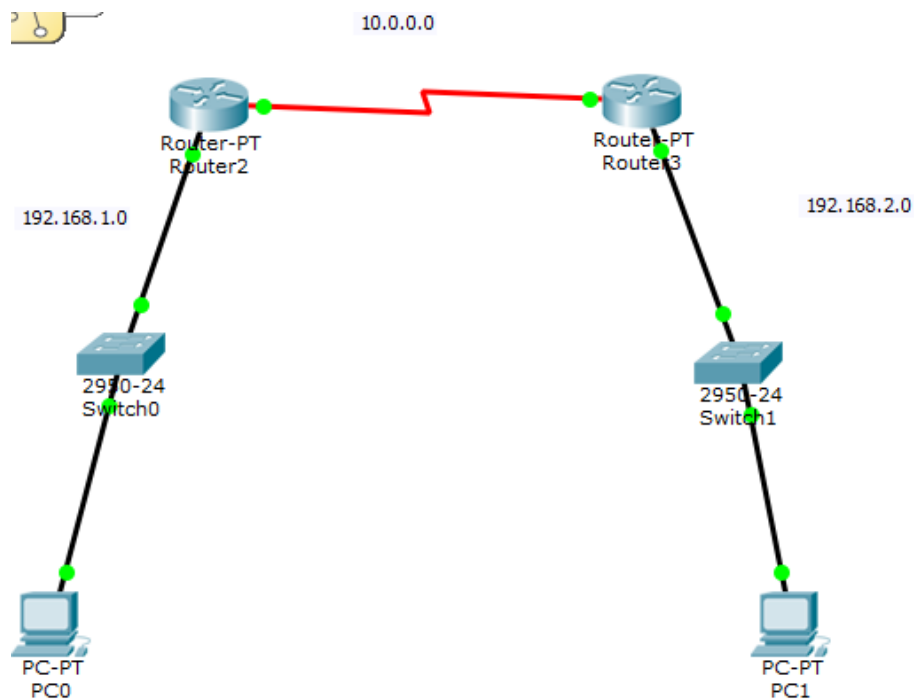
**RAČUNARSKE MREŽE**

**Laboratorijske vježbe**

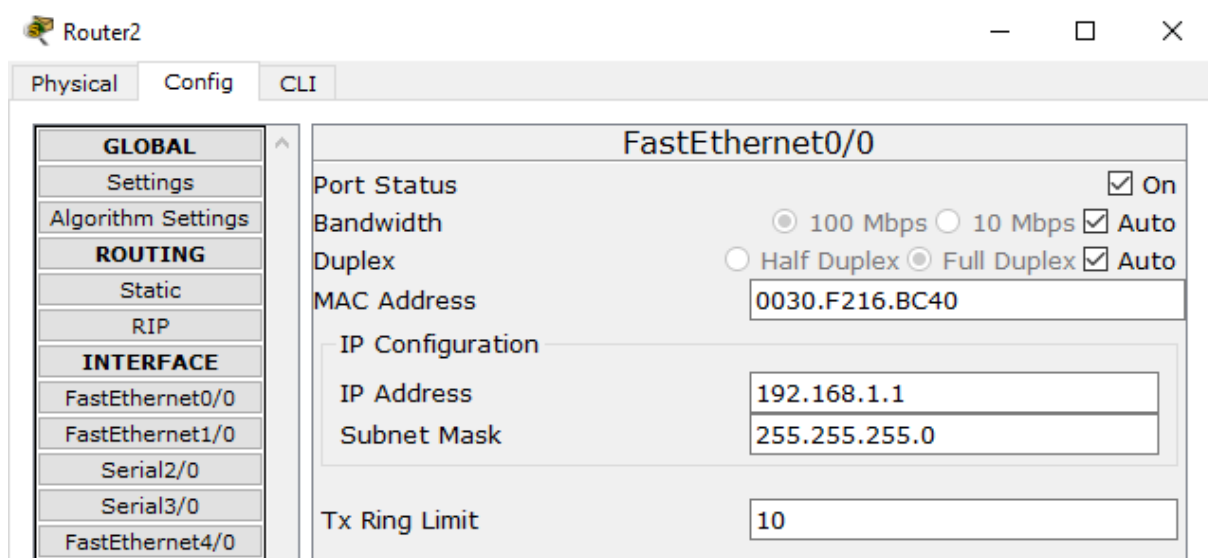
**CISCO Packet Tracer**  
**(Vježba 4)**

**mr. Amel Toroman, dipl. ing.el.**  
**Viši asistent**

## PRIMJER 1: RIP (Routing Information Protocol) protokol



Podešavanje prvog rutera za kraticu FastEthernet0/0



Podešavanje drugog rutera za kraticu FastEthernet0/0

The screenshot shows the configuration window for Router3, specifically for the FastEthernet0/0 interface. The window has tabs for Physical, Config, and CLI. On the left, there is a sidebar with categories: GLOBAL (Settings, Algorithm Settings), ROUTING (Static, RIP), and INTERFACE (FastEthernet0/0, FastEthernet1/0, Serial2/0). The main area is titled 'FastEthernet0/0' and contains the following settings:

- Port Status: ☒ On
- Bandwidth: ☒ 100 Mbps ☐ 10 Mbps ☒ Auto
- Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto
- MAC Address: 0001.C9BE.19A6
- IP Configuration:
  - IP Address: 192.168.2.1
  - Subnet Mask: 255.255.255.0

Podešavanje prvog rutera za kraticu Serial2/0

The screenshot shows the configuration window for Router2, specifically for the Serial2/0 interface. The window has tabs for Physical, Config, and CLI. On the left, there is a sidebar with categories: GLOBAL (Settings, Algorithm Settings), ROUTING (Static, RIP), and INTERFACE (FastEthernet0/0, FastEthernet1/0). The main area is titled 'Serial2/0' and contains the following settings:

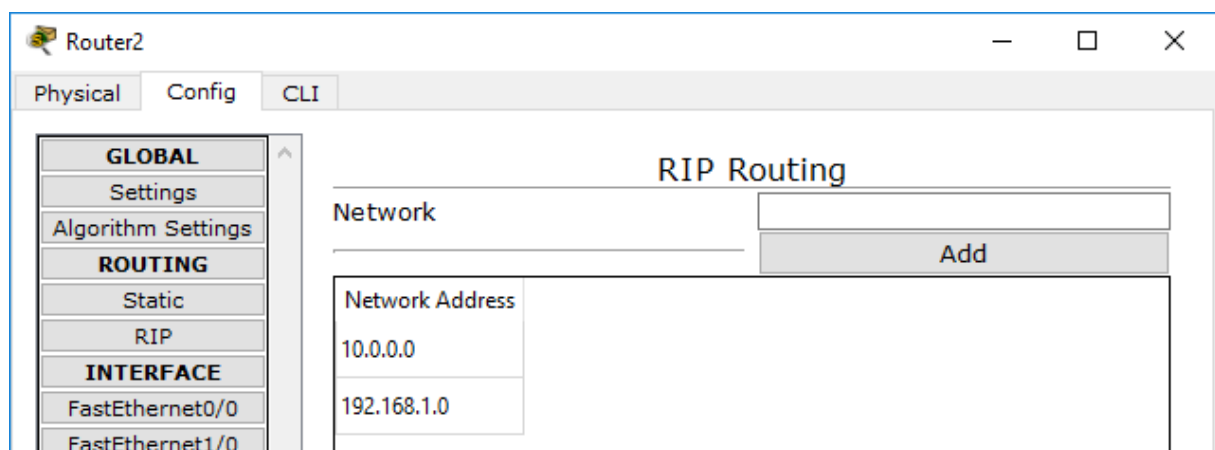
- Port Status: ☒ On
- Duplex: ☒ Full Duplex
- Clock Rate: 64000
- IP Configuration:
  - IP Address: 10.10.0.2
  - Subnet Mask: 255.0.0.0

Podešavanje drugog rutera za kraticu Serial2/0

The screenshot shows the configuration window for Router3, specifically for the Serial2/0 interface. The window has tabs for Physical, Config, and CLI. On the left, there is a sidebar with categories: GLOBAL (Settings, Algorithm Settings), ROUTING (Static, RIP), and INTERFACE (FastEthernet0/0, FastEthernet1/0). The main area is titled 'Serial2/0' and contains the following settings:

- Port Status: ☒ On
- Duplex: ☒ Full Duplex
- Clock Rate: Not Set
- IP Configuration:
  - IP Address: 10.10.0.3
  - Subnet Mask: 255.0.0.0

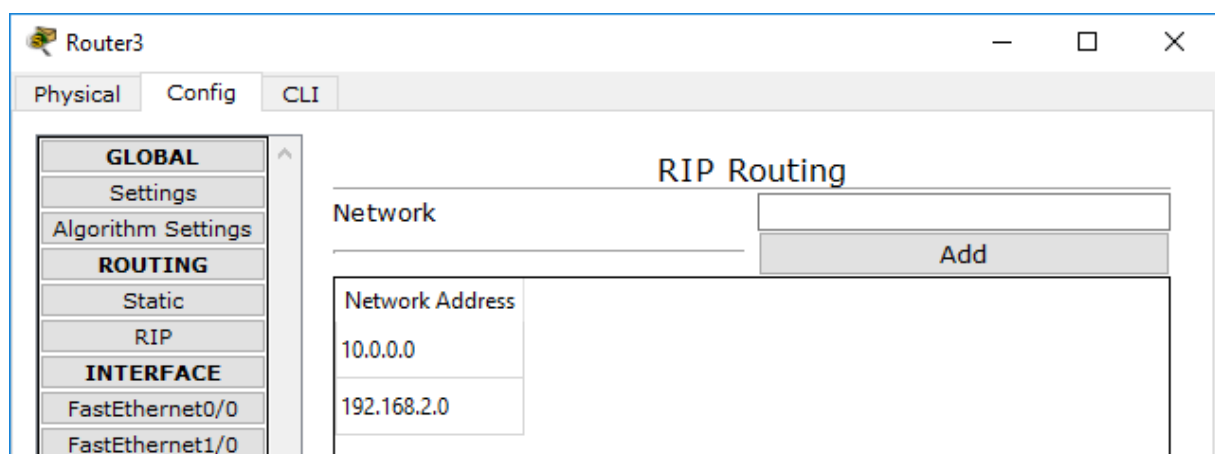
## Podešavanje RIP-a prvog rutera



The screenshot shows the configuration window for Router2. The 'Config' tab is active, and the 'CLI' sub-tab is selected. The left sidebar shows a tree view with 'GLOBAL' expanded, containing 'Settings', 'Algorithm Settings', 'ROUTING', and 'INTERFACE'. Under 'ROUTING', 'Static' and 'RIP' are visible. The 'RIP' option is selected. The main area is titled 'RIP Routing'. It features a 'Network' label with an empty text box and an 'Add' button. Below this is a table with the following data:

Network Address
10.0.0.0
192.168.1.0

## Podešavanje RIP-a drugog rutera



The screenshot shows the configuration window for Router3. The 'Config' tab is active, and the 'CLI' sub-tab is selected. The left sidebar shows a tree view with 'GLOBAL' expanded, containing 'Settings', 'Algorithm Settings', 'ROUTING', and 'INTERFACE'. Under 'ROUTING', 'Static' and 'RIP' are visible. The 'RIP' option is selected. The main area is titled 'RIP Routing'. It features a 'Network' label with an empty text box and an 'Add' button. Below this is a table with the following data:

Network Address
10.0.0.0
192.168.2.0