

Packet Tracer -

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RTR-1	G0/0/0	192.168.1.1	255.255.255.0	—
		2001:db8:4::1	/64	—
	S0/1/0	10.10.2.2	255.255.255.252	—
		2001:db8:2::2	/126	
	S0/1/1	10.10.3.1	255.255.255.252	—
		2001:db8:3::1	/126	—
RTR-2	G0/0/0	10.10.1.1	255.255.255.0	—
	G0/0/1	2001:db8:1::1	/64	—
	S0/1/0	10.10.2.1	255.255.255.252	—
		2001:db8:2::1	/126	
RTR-3	G0/0/0	10.10.5.1	255.255.255.0	—
	G0/0/1	2001:db8:5::1	/64	—
	S0/1/0	10.10.3.2	255.255.255.252	—
		2001:db8:3::2	/126	
PC-1	NIC	10.10.1.10	255.255.255.0	10.10.1.1
Laptop A	NIC	10.10.1.20	255.255.255.0	10.10.1.1
PC-2	NIC	2001:db8:1::10	/64	fe80::1
PC-3	NIC	2001:db8:1::20	/64	fe80::1
PC-4	NIC	10.10.5.10	255.255.255.0	10.10.5.1
Server 1	NIC	10.10.5.20	255.255.255.0	10.10.5.1
Laptop B	NIC	2001:db8:5::10	/64	fe80::1
Laptop C	NIC	2001:db8:5::20	/64	fe80::1
Corporate Server	NIC	203.0.113.100	255.255.255.0	203.0.113.1
		2001:db8:acad:: 100	/64	fe80::1

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Ошибки:

1. Неверный адрес интерфейса G0/0/1 на RTR3
2. Неверно указан gateway на PC4
3. На сервере нужно отключить DHCP и вручную настроить IP

### Решение

1.

```
RTR-3#config t
Enter configuration commands, one per line. End with CNTL/Z.
RTR-3(config)#int G0/0/1
RTR-3(config-if)#ipv6 address 2001:db8:5::1
% Incomplete command.
RTR-3(config-if)#ipv6 address 2001:db8:5::1/64
RTR-3(config-if)#no shutdown
RTR-3(config-if)#
```

2.

Default Gateway	10.10.5.1
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3.

**IP Configuration** [X]

IP Configuration

☐ DHCP ☒ Static This address is already used in the network.

IPv4 Address: 10.10.5.20

Subnet Mask: 255.255.255.0

Default Gateway: 10.10.5.1

DNS Server: 0.0.0.0