

IMAM HIDAYAT

11A21

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ACTIVITY 7

1. Semua config Router

```
[admin@MikroTik] > system identity set name=Router-ImamHidayat
[admin@Router-ImamHidayat] > ip add add address=192.168.1.1/24
interface: ether1
[admin@Router-ImamHidayat] > ip add add address=192.168.2.1/24
interface: ether2
[admin@Router-ImamHidayat] > ip address print
Flags: X - disabled, I - invalid, D - dynamic
# ADDRESS NETWORK INTERFACE
0 ::: default configuration
1 192.168.88.1/24 192.168.88.0 ether1
1 192.168.1.1/24 192.168.1.0 ether1
2 192.168.2.1/24 192.168.2.0 ether2
[admin@Router-ImamHidayat] > ip route add gateway=192.168.1.1
[admin@Router-ImamHidayat] > ip route add gateway=192.168.2.1
[admin@Router-ImamHidayat] > ip route print
Flags: X - disabled, A - active, D - dynamic,
C - connect, S - static, r - rip, b - bgp, o - ospf, m - mme,
B - blackhole, U - unreachable, P - prohibit
# DST-ADDRESS PREF-SRC GATEWAY DISTANCE
0 S 0.0.0.0/0 192.168.1.1 1
1 S 0.0.0.0/0 192.168.2.1 1
2 ADC 192.168.1.0/24 192.168.1.1 ether1 0
3 ADC 192.168.2.0/24 192.168.2.1 ether2 0
4 ADC 192.168.88.0/24 192.168.88.1 ether1 0
[admin@Router-ImamHidayat] > _
```

2. Config IP client1 dan client2

The image shows two side-by-side screenshots of the Mikrotik WinBox Network configuration window for interface eth0. Both windows have the following settings:

- Interface: eth0
- Use DHCP Broadcast?: ☐ yes ☒ no
- IP Address: 192.168.2.2 (left) / 192.168.1.2 (right)
- Network Mask: 255.255.255.0
- Broadcast: 192.168.2.255 (left) / 192.168.1.255 (right)
- Gateway: 192.168.2.1 (left) / 192.168.1.1 (right)
- Name Servers: (empty)
- Save Configuration?: ☒ yes ☐ no

Buttons at the bottom: Apply, Exit.

3. Hasil ping client1 ke client2 dan sebaliknya

```
terminal
tc@box:~$ ping 192.168.2.2
PING 192.168.2.2 (192.168.2.2): 56 data bytes
64 bytes from 192.168.2.2: seq=0 ttl=63 time=1.483 ms
64 bytes from 192.168.2.2: seq=1 ttl=63 time=0.674 ms
64 bytes from 192.168.2.2: seq=2 ttl=63 time=1.190 ms
64 bytes from 192.168.2.2: seq=3 ttl=63 time=1.156 ms
64 bytes from 192.168.2.2: seq=4 ttl=63 time=1.196 ms
64 bytes from 192.168.2.2: seq=5 ttl=63 time=1.096 ms
64 bytes from 192.168.2.2: seq=6 ttl=63 time=1.096 ms
64 bytes from 192.168.2.2: seq=7 ttl=63 time=1.352 ms
64 bytes from 192.168.2.2: seq=8 ttl=63 time=3.118 ms
64 bytes from 192.168.2.2: seq=9 ttl=63 time=2.285 ms
64 bytes from 192.168.2.2: seq=10 ttl=63 time=1.229 ms
^C
--- 192.168.2.2 ping statistics ---
11 packets transmitted, 11 packets received, 0% packet loss
round-trip min/avg/max = 0.674/1.442/3.118 ms
tc@box:~$

terminal
tc@box:~$ ping 192.168.1.2
PING 192.168.1.2 (192.168.1.2): 56 data bytes
64 bytes from 192.168.1.2: seq=0 ttl=63 time=1.420 ms
64 bytes from 192.168.1.2: seq=1 ttl=63 time=1.614 ms
64 bytes from 192.168.1.2: seq=2 ttl=63 time=1.953 ms
64 bytes from 192.168.1.2: seq=3 ttl=63 time=1.754 ms
64 bytes from 192.168.1.2: seq=4 ttl=63 time=1.491 ms
64 bytes from 192.168.1.2: seq=5 ttl=63 time=1.643 ms
64 bytes from 192.168.1.2: seq=6 ttl=63 time=33.679 ms
64 bytes from 192.168.1.2: seq=7 ttl=63 time=1.752 ms
64 bytes from 192.168.1.2: seq=8 ttl=63 time=2.141 ms
64 bytes from 192.168.1.2: seq=9 ttl=63 time=1.633 ms
64 bytes from 192.168.1.2: seq=10 ttl=63 time=1.319 ms
^C
--- 192.168.1.2 ping statistics ---
11 packets transmitted, 11 packets received, 0% packet loss
round-trip min/avg/max = 1.319/4.581/33.679 ms
tc@box:~$
```