

LATIHAN UJIKOM DENGAN MENGGUNAKAN MIKROTIK 2020

SETTING INTERFACE ETHER-1

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| 1. IP Ether1 | = Sesuai dengan Network yang diberikan ISP |
| 2. Gateway | = Sesuai dengan IP yang diberikan oleh ISP |
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```
[hilmi@MikroTik] > ip address add address=10.20.30.200/24 interface=ether1
```

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[hilmi@MikroTik] > ip route add gateway=10.20.30.1
```

```
[hilmi@MikroTik] > ip dns set servers=8.8.8.8,8.8.4.4 allow-remote-requests=yes
```

Setting NAT pada Firewall

```
[hilmi@MikroTik] > ip firewall nat add chain=srcnat out-interface=ether1 action=masquerade
```

SETTING INTERFACE ETHER-2

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| 3. IP Ether2 | = 10.10.x.1/30 (<i>x no bangku</i>) |
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```
[hilmi@MikroTik] > ip address add address=10.10.1.1/30 interface=ether2
```

SETTING INTERFACE ETHER-3

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| 4. IP Ether3 | = 10.10.x.65/26 (<i>x no bangku</i>) |
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```
[hilmi@MikroTik] > ip address add address=10.10.1.65/26 interface=ether3
```

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5. DHCP Pool = 10.10.1.66-10.10.1.115

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[hilmi@MikroTik] > ip dhcp-server setup
Select interface to run DHCP server on

dhcp server interface: **ether3**
Select network for DHCP address

dhcp address space: **10.10.1.64/26**
Select gateway for given network

gateway for dhcp network: **10.10.1.65**
Select pool of ip addresses given out by DHCP server

addresses to give out: **10.10.1.66-10.10.1.115**
Select DNS servers

dns servers: **8.8.8.8,8.8.4.4**
Select lease time

lease time: **10m**

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SETTING INTERFACE WLAN-1

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6. IP WLAN 1 = 10.10.x.129/25 (no bangku)

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[hilmi@MikroTik] > ip address add address=10.10.1.129/25 interface=wlan1

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7. SSID = nama_peserta@smkn4

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[hilmi@MikroTik] > interface enable numbers=wlan1
[hilmi@MikroTik] > interface wireless set wlan1 mode=ap-bridge ssid=siswa@smkn4

8. DHCP Pool = 10.10.1.130-10.10.1.229

[hilmi@MikroTik] > ip dhcp-server setup
Select interface to run DHCP server on

dhcp server interface: **wlan1** Select
network for DHCP addresses

dhcp address space: **10.10.1.128/25**
Select gateway for given network

gateway for dhcp network: **10.10.1.129**
Select pool of ip addresses given out by DHCP server

addresses to give out: **10.10.1.130-10.10.1.229**
Select DNS servers

dns servers: **8.8.8.8,8.8.4.4**
Select lease time

lease time : **10m**

8. Limit Bandwidth

queue simple add name=limit_kabel target=10.10.1.64/26 max-limit=1M/1M
queue simple add name=limit_hotspot target=10.10.1.128/25 max-limit=512k/512k

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SELESAI

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