**Konfigurasi Mikrotik**

1. Ubah identity

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| [admin@MikroTik] > system identity set name=RTR-PUSAT |

1. Berikan IP Address ke seluruh interface

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| [admin@RTR-PUSAT] > ip address add address=10.10.1.2/30 interface=ether1  [admin@RTR-PUSAT] > ip address add address=20.20.1.2/30 interface=ether2  [admin@RTR-PUSAT] > ip address add address=30.30.1.2/30 interface=ether2  [admin@RTR-PUSAT] > ip address add address=192.168.1.126/25 interface=ether3 |

Berikan DNS Server

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| [admin@RTR-PUSAT] > ip dns set servers=10.10.1.1 allow-remote-requests=yes |

1. DHCP Server

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| [admin@RTR-PUSAT] > ip dhcp-server setup  Select interface to run DHCP server on  dhcp server interface: ether3  Select network for DHCP addresses  dhcp address space: 192.168.1.0/25  Select gateway for given network  gateway for dhcp network: 192.168.1.126  Select pool of ip addresses given out by DHCP server  addresses to give out: 192.168.1.1-192.168.1.125  Select DNS servers  dns servers: 10.10.1.1  Select lease time  lease time: 10m |

1. Firewall

Drop ping ke router

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| [admin@RTR-PUSAT] > ip firewall filter add chain=input src-address=0.0.0.0/0 protocol=icmp action=drop disabled=no |

Ping ke router masuk kedalam address list

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| [admin@RTR-PUSAT] > ip firewall filter add chain=input src-address=0.0.0.0/0 action=add-src-to-address-list address-list=tukang-ping |

1. VPN PPPoE

Buat IP Pool

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| [admin@RTR-PUSAT] > ip pool add name=pppoe-pool ranges=25.25.25.25-25.25.25.50 |

Buat profile

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| [admin@RTR-PUSAT] > ppp profile add name=profile1 local-address=25.25.25.1 remote-address=pppoe-pool |

Buat username dan password

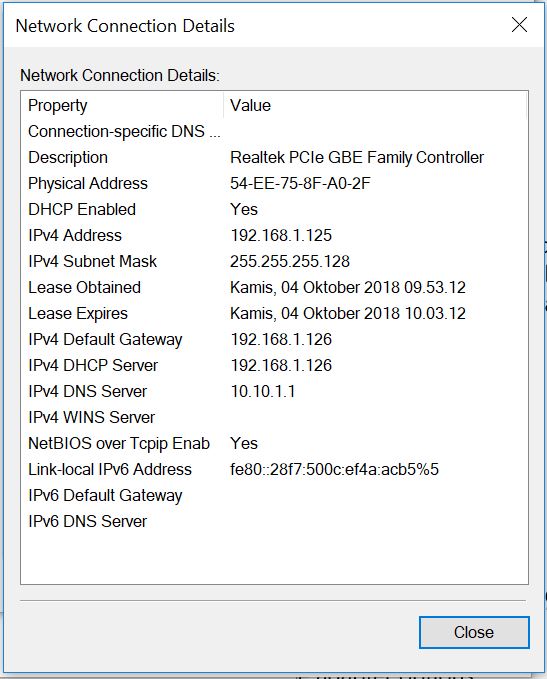
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| [admin@RTR-PUSAT] > ppp secret add name=peserta1 password=kebumen2018 service=pppoe profile=profile1 disabled=no |

Buat PPPoE Server

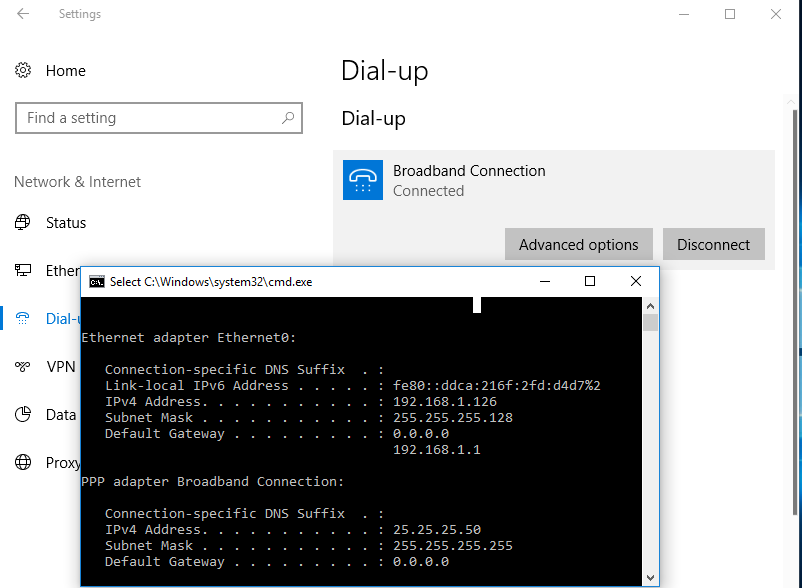
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| --- |
| [admin@RTR-PUSAT] > interface pppoe-server server add service-name=server1 interface=ether3 default-profile=profile1 disabled=no |

Pengujian

DHCP Server



VPN



1. Aktifkan protocol snmp

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| [admin@RTR-PUSAT] > snmp set enabled=yes |