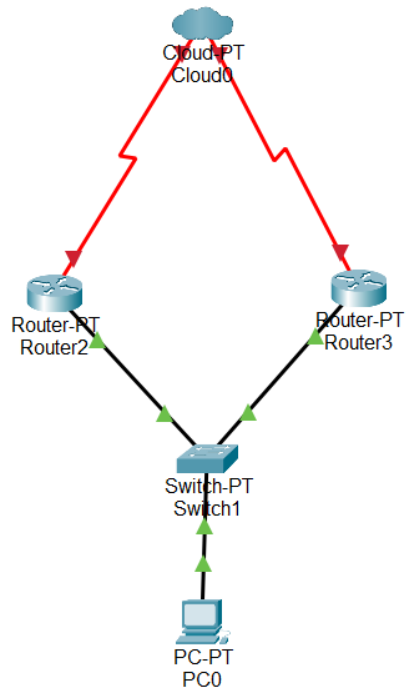


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Laporan Router Protocol dan GLBP

1. Topologi Jaringan



2. Konfigurasi Priority Setiap Router

Router2

FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.2F64.EED4
IP Configuration	
IPv4 Address	10.1.1.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Router3

FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	000A.F3B3.1024
<div>IP Configuration</div> <div> <div>IPv4 Address</div> <div>10.1.1.2</div> </div> <div> <div>Subnet Mask</div> <div>255.255.255.0</div> </div>	
Tx Ring Limit	10

Memberi Alamat IP virtual (10.1.1.100)

Router2

```
Router(config)#int fa0/0
Router(config-if)#standby 1 ip 10.1.1.100
Router(config-if)#standby 1 name HSRP_TEST
%HSRP-6-STATECHANGE: FastEthernet0/0 Grp 1 state Speak -> Standby

%HSRP-6-STATECHANGE: FastEthernet0/0 Grp 1 state Standby -> Active
%IP-4-DUPADDR: Duplicate address 10.1.1.100 on FastEthernet0/0, sourced by 0007.EC96.51E6

% Invalid input detected at '^' marker.

Router(config-if)#standby 1 name HSRP_TEST
% Invalid input detected at '^' marker.

Router(config-if)#standby 1 priority 110
Router(config-if)#standby 1 preempt
```

Catatan: saat `r1(config-if)# standby 1 name HSRP_TEST` disitu saya sebelumnya (belum sempat di dokumentasi)sudah membuat router tersebut dalam keadaan standby.

Router3

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#standby 1 ip 10.1.1.100
Router(config-if)#standby 1 name HSRP_TEST
% Invalid input detected at '^' marker.

Router(config-if)#
%HSRP-6-STATECHANGE: FastEthernet0/0 Grp 1 state Speak -> Standby
standby 1 name HSRP_TEST
% Invalid input detected at '^' marker.

Router(config-if)#standby 1 name HSRP_TEST
% Invalid input detected at '^' marker.

Router(config-if)#standby 1 priority 100
Router(config-if)#standby 1 preempt
```

3. Konfigurasi GLBP setiap router

```
Router(config-if)#glbp ?
% Unrecognized command
Router(config-if)#standby ?
<0-4095> group number
ip Enable HSRP and set the virtual IP address
preempt Overthrow lower priority Active routers
priority Priority level
timers Hello and hold timers
track Priority Tracking
version HSRP version
Router(config-if)#standby |
```

Konfigurasi GLBP tidak bisa dilakukan karena versi Cisco saya gunakan tidak mendukung GLBP

4. result

```
C:\>ping -t 10.1.1.100

Pinging 10.1.1.100 with 32 bytes of data:

Reply from 10.1.1.100: bytes=32 time<1ms TTL=128
Reply from 10.1.1.100: bytes=32 time=2ms TTL=128
Reply from 10.1.1.100: bytes=32 time=11ms TTL=128
Reply from 10.1.1.100: bytes=32 time=8ms TTL=128
Reply from 10.1.1.100: bytes=32 time=8ms TTL=128
Reply from 10.1.1.100: bytes=32 time<1ms TTL=128

Ping statistics for 10.1.1.100:
    Packets: Sent = 6, Received = 6, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 11ms, Average = 4ms

Control-C
^C
```