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1. ScreenShot Topology



2. SS ping PC1 ke seluruh PC

```
PC>ping 44.10.1.2

Ping 44.10.1.2: 32 data bytes, Press Ctrl_C to break
From 44.10.1.2: bytes=32 seq=1 ttl=128 time<1 ms
From 44.10.1.2: bytes=32 seq=2 ttl=128 time<1 ms
From 44.10.1.2: bytes=32 seq=3 ttl=128 time<1 ms

--- 44.10.1.2 ping statistics ---
 3 packet(s) transmitted
 3 packet(s) received
 0.00% packet loss
 round-trip min/avg/max = 0/0/0 ms

PC>ping 44.10.1.3

Ping 44.10.1.3: 32 data bytes, Press Ctrl_C to break
From 44.10.1.3: bytes=32 seq=1 ttl=128 time=63 ms
From 44.10.1.3: bytes=32 seq=2 ttl=128 time=62 ms
From 44.10.1.3: bytes=32 seq=3 ttl=128 time=47 ms

--- 44.10.1.3 ping statistics ---
 3 packet(s) transmitted
 3 packet(s) received
 0.00% packet loss
 round-trip min/avg/max = 47/57/63 ms

PC>ping 44.10.1.4

Ping 44.10.1.4: 32 data bytes, Press Ctrl_C to break
From 44.10.1.4: bytes=32 seq=1 ttl=128 time=47 ms
From 44.10.1.4: bytes=32 seq=2 ttl=128 time=47 ms
From 44.10.1.4: bytes=32 seq=3 ttl=128 time=31 ms

--- 44.10.1.4 ping statistics ---
 3 packet(s) transmitted
 3 packet(s) received
 0.00% packet loss
 round-trip min/avg/max = 31/41/47 ms
```

```
PC>ping 44.10.1.5

Ping 44.10.1.5: 32 data bytes, Press Ctrl_C to break
From 44.10.1.5: bytes=32 seq=1 ttl=128 time=47 ms
From 44.10.1.5: bytes=32 seq=2 ttl=128 time=62 ms

--- 44.10.1.5 ping statistics ---
    2 packet(s) transmitted
    2 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 47/54/62 ms

PC>ping 44.20.1.2

Ping 44.20.1.2: 32 data bytes, Press Ctrl_C to break
Request timeout!
From 44.20.1.2: bytes=32 seq=2 ttl=127 time=94 ms
From 44.20.1.2: bytes=32 seq=3 ttl=127 time=109 ms
From 44.20.1.2: bytes=32 seq=4 ttl=127 time=78 ms
From 44.20.1.2: bytes=32 seq=5 ttl=127 time=109 ms

--- 44.20.1.2 ping statistics ---
    5 packet(s) transmitted
    4 packet(s) received
    20.00% packet loss
    round-trip min/avg/max = 0/97/109 ms

PC>ping 44.20.1.3

Ping 44.20.1.3: 32 data bytes, Press Ctrl_C to break
From 44.20.1.3: bytes=32 seq=1 ttl=127 time=156 ms
From 44.20.1.3: bytes=32 seq=2 ttl=127 time=78 ms
From 44.20.1.3: bytes=32 seq=3 ttl=127 time=109 ms
From 44.20.1.3: bytes=32 seq=4 ttl=127 time=93 ms
From 44.20.1.3: bytes=32 seq=5 ttl=127 time=94 ms

--- 44.20.1.3 ping statistics ---
    5 packet(s) transmitted
    5 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 78/115/157 ms

PC>ping 44.20.1.4

Ping 44.20.1.4: 32 data bytes, Press Ctrl_C to break
From 44.20.1.4: bytes=32 seq=1 ttl=127 time=157 ms
From 44.20.1.4: bytes=32 seq=2 ttl=127 time=78 ms
From 44.20.1.4: bytes=32 seq=3 ttl=127 time=110 ms

--- 44.20.1.4 ping statistics ---
    3 packet(s) transmitted
    3 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 78/115/157 ms

PC>ping 44.20.1.5

Ping 44.20.1.5: 32 data bytes, Press Ctrl_C to break
From 44.20.1.5: bytes=32 seq=1 ttl=127 time=172 ms
From 44.20.1.5: bytes=32 seq=2 ttl=127 time=93 ms
From 44.20.1.5: bytes=32 seq=3 ttl=127 time=110 ms
From 44.20.1.5: bytes=32 seq=4 ttl=127 time=94 ms
From 44.20.1.5: bytes=32 seq=5 ttl=127 time=109 ms

--- 44.20.1.5 ping statistics ---
    5 packet(s) transmitted
    5 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 93/115/172 ms
```

```
PC>ping 44.30.1.2

Ping 44.30.1.2: 32 data bytes, Press Ctrl_C to break
From 44.30.1.2: bytes=32 seq=1 ttl=127 time=110 ms
From 44.30.1.2: bytes=32 seq=2 ttl=127 time=140 ms
From 44.30.1.2: bytes=32 seq=3 ttl=127 time=125 ms
From 44.30.1.2: bytes=32 seq=4 ttl=127 time=141 ms

--- 44.30.1.2 ping statistics ---
    4 packet(s) transmitted
    4 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 110/129/141 ms

PC>ping 44.30.1.3

Ping 44.30.1.3: 32 data bytes, Press Ctrl_C to break
From 44.30.1.3: bytes=32 seq=1 ttl=127 time=110 ms
From 44.30.1.3: bytes=32 seq=2 ttl=127 time=110 ms

--- 44.30.1.3 ping statistics ---
    2 packet(s) transmitted
    2 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 110/110/110 ms

PC>ping 44.30.1.4

Ping 44.30.1.4: 32 data bytes, Press Ctrl_C to break
From 44.30.1.4: bytes=32 seq=1 ttl=127 time=125 ms
From 44.30.1.4: bytes=32 seq=2 ttl=127 time=141 ms
From 44.30.1.4: bytes=32 seq=3 ttl=127 time=109 ms

--- 44.30.1.4 ping statistics ---
    3 packet(s) transmitted
    3 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 109/125/141 ms

PC>ping 44.30.1.5

Ping 44.30.1.5: 32 data bytes, Press Ctrl_C to break
From 44.30.1.5: bytes=32 seq=1 ttl=127 time=141 ms
From 44.30.1.5: bytes=32 seq=2 ttl=127 time=140 ms
From 44.30.1.5: bytes=32 seq=3 ttl=127 time=140 ms

--- 44.30.1.5 ping statistics ---
    3 packet(s) transmitted
    3 packet(s) received
    0.00% packet loss
    round-trip min/avg/max = 140/140/141 ms
```



```
PC>ping 44.40.1.2
```

```
Ping 44.40.1.2: 32 data bytes, Press Ctrl_C to break
From 44.40.1.2: bytes=32 seq=1 ttl=127 time=172 ms
From 44.40.1.2: bytes=32 seq=2 ttl=127 time=93 ms
From 44.40.1.2: bytes=32 seq=3 ttl=127 time=141 ms
From 44.40.1.2: bytes=32 seq=4 ttl=127 time=125 ms
From 44.40.1.2: bytes=32 seq=5 ttl=127 time=110 ms
```

```
--- 44.40.1.2 ping statistics ---
```

```
  5 packet(s) transmitted
  5 packet(s) received
  0.00% packet loss
 round-trip min/avg/max = 93/128/172 ms
```

```
PC>ping 44.40.1.3
```

```
Ping 44.40.1.3: 32 data bytes, Press Ctrl_C to break
From 44.40.1.3: bytes=32 seq=1 ttl=127 time=172 ms
From 44.40.1.3: bytes=32 seq=2 ttl=127 time=172 ms
From 44.40.1.3: bytes=32 seq=3 ttl=127 time=78 ms
```

```
--- 44.40.1.3 ping statistics ---
```

```
  3 packet(s) transmitted
  3 packet(s) received
  0.00% packet loss
 round-trip min/avg/max = 78/140/172 ms
```

```
PC>ping 44.40.1.4
```

```
Ping 44.40.1.4: 32 data bytes, Press Ctrl_C to break
From 44.40.1.4: bytes=32 seq=1 ttl=127 time=156 ms
From 44.40.1.4: bytes=32 seq=2 ttl=127 time=109 ms
From 44.40.1.4: bytes=32 seq=3 ttl=127 time=109 ms
From 44.40.1.4: bytes=32 seq=4 ttl=127 time=141 ms
```

```
--- 44.40.1.4 ping statistics ---
```

```
  4 packet(s) transmitted
  4 packet(s) received
  0.00% packet loss
 round-trip min/avg/max = 109/128/156 ms
```

```
PC>ping 44.40.1.5
```

```
Ping 44.40.1.5: 32 data bytes, Press Ctrl_C to break
From 44.40.1.5: bytes=32 seq=1 ttl=127 time=78 ms
From 44.40.1.5: bytes=32 seq=2 ttl=127 time=109 ms
From 44.40.1.5: bytes=32 seq=3 ttl=127 time=141 ms
```

```
--- 44.40.1.5 ping statistics ---
```

```
  3 packet(s) transmitted
  3 packet(s) received
  0.00% packet loss
 round-trip min/avg/max = 78/109/141 ms
```

```
PC>ping 44.50.1.2
```

```
Ping 44.50.1.2: 32 data bytes, Press Ctrl_C to break  
From 44.50.1.2: bytes=32 seq=1 ttl=127 time=125 ms  
From 44.50.1.2: bytes=32 seq=2 ttl=127 time=156 ms  
From 44.50.1.2: bytes=32 seq=3 ttl=127 time=110 ms
```

```
--- 44.50.1.2 ping statistics ---  
  3 packet(s) transmitted  
  3 packet(s) received  
  0.00% packet loss  
  round-trip min/avg/max = 110/130/156 ms
```

```
PC>ping 44.50.1.3
```

```
Ping 44.50.1.3: 32 data bytes, Press Ctrl_C to break  
From 44.50.1.3: bytes=32 seq=1 ttl=127 time=187 ms  
From 44.50.1.3: bytes=32 seq=2 ttl=127 time=141 ms
```

```
--- 44.50.1.3 ping statistics ---  
  2 packet(s) transmitted  
  2 packet(s) received  
  0.00% packet loss  
  round-trip min/avg/max = 141/164/187 ms
```

```
PC>ping 44.50.1.4
```

```
Ping 44.50.1.4: 32 data bytes, Press Ctrl_C to break  
From 44.50.1.4: bytes=32 seq=1 ttl=127 time=141 ms  
From 44.50.1.4: bytes=32 seq=2 ttl=127 time=140 ms  
From 44.50.1.4: bytes=32 seq=3 ttl=127 time=172 ms
```

```
--- 44.50.1.4 ping statistics ---  
  3 packet(s) transmitted  
  3 packet(s) received  
  0.00% packet loss  
  round-trip min/avg/max = 140/151/172 ms
```

```
PC>ping 44.50.1.5

Ping 44.50.1.5: 32 data bytes, Press Ctrl_C to break
From 44.50.1.5: bytes=32 seq=1 ttl=127 time=235 ms
From 44.50.1.5: bytes=32 seq=2 ttl=127 time=157 ms
From 44.50.1.5: bytes=32 seq=3 ttl=127 time=125 ms

--- 44.50.1.5 ping statistics ---
  3 packet(s) transmitted
  3 packet(s) received
  0.00% packet loss
  round-trip min/avg/max = 125/172/235 ms

PC>ping 44.60.1.2

Ping 44.60.1.2: 32 data bytes, Press Ctrl_C to break
From 44.60.1.2: bytes=32 seq=1 ttl=127 time=203 ms
From 44.60.1.2: bytes=32 seq=2 ttl=127 time=110 ms

--- 44.60.1.2 ping statistics ---
  2 packet(s) transmitted
  2 packet(s) received
  0.00% packet loss
  round-trip min/avg/max = 110/156/203 ms

PC>ping 44.60.1.3

Ping 44.60.1.3: 32 data bytes, Press Ctrl_C to break
From 44.60.1.3: bytes=32 seq=1 ttl=127 time=188 ms

--- 44.60.1.3 ping statistics ---
  2 packet(s) transmitted
  1 packet(s) received
  50.00% packet loss
  round-trip min/avg/max = 188/188/188 ms

PC>ping 44.60.1.4

Ping 44.60.1.4: 32 data bytes, Press Ctrl_C to break
From 44.60.1.4: bytes=32 seq=1 ttl=127 time=141 ms
From 44.60.1.4: bytes=32 seq=2 ttl=127 time=125 ms

--- 44.60.1.4 ping statistics ---
  2 packet(s) transmitted
  2 packet(s) received
  0.00% packet loss
  round-trip min/avg/max = 125/133/141 ms

PC>ping 44.60.1.5

Ping 44.60.1.5: 32 data bytes, Press Ctrl_C to break
From 44.60.1.5: bytes=32 seq=1 ttl=127 time=204 ms
From 44.60.1.5: bytes=32 seq=2 ttl=127 time=156 ms

--- 44.60.1.5 ping statistics ---
  2 packet(s) transmitted
  2 packet(s) received
  0.00% packet loss
  round-trip min/avg/max = 156/180/204 ms
```


3. SS config

```
[Agung]int e0/0/0
[Agung-Ethernet0/0/0]ip add 44.10.1.1 255.255.0.0
[Agung-Ethernet0/0/0]
Mar 30 2022 22:36:10-08:00 Agung %%01IFNET/4/LINK_STATE(1)[0]:The line protocol
IP on the interface Ethernet0/0/0 has entered the UP state.
Mar 30 2022 22:36:18-08:00 Agung DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 2, the
change loop count is 0, and the maximum number of records is 4095. User interface con0 is available

[-view]interface e 0/0/1
[-view-Ethernet0/0/1]ip add 44.20.1.1 255.255.0.0
[-view-Ethernet0/0/1]
Mar 30 2022 22:59:20-08:00 -view %%01IFNET/4/LINK_STATE(1)[1]:The line protocol
IP on the interface Ethernet0/0/1 has entered the UP state.
Mar 30 2022 22:59:29-08:00 -view DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 5, the
change loop count is 0, and the maximum number of records is 4095.
[-view-Ethernet0/0/1]quit

[-view]int g0/0/0
[-view-GigabitEthernet0/0/0]ip add 44.30.1.1 255.255.0.0
[-view-GigabitEthernet0/0/0]
Mar 30 2022 22:58:24-08:00 -view %%01IFNET/4/LINK_STATE(1)[0]:The line protocol
IP on the interface GigabitEthernet0/0/0 has entered the UP state.
Mar 30 2022 22:58:29-08:00 -view DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 4, the
change loop count is 0, and the maximum number of records is 4095.
[-view-GigabitEthernet0/0/0]quit

[-view]int g0/0/1
[-view-GigabitEthernet0/0/1]ip add 44.40.1.1 255.255.0.0
[-view-GigabitEthernet0/0/1]
Mar 30 2022 23:00:22-08:00 -view %%01IFNET/4/LINK_STATE(1)[2]:The line protocol
IP on the interface GigabitEthernet0/0/1 has entered the UP state.
Mar 30 2022 23:00:29-08:00 -view DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 6, the
change loop count is 0, and the maximum number of records is 4095.
[-view-GigabitEthernet0/0/1]quit

[-view]int g0/0/2
[-view-GigabitEthernet0/0/2]ip add 44.50.1.1 255.255.0.0
[-view-GigabitEthernet0/0/2]
Mar 30 2022 23:01:14-08:00 -view %%01IFNET/4/LINK_STATE(1)[3]:The line protocol
IP on the interface GigabitEthernet0/0/2 has entered the UP state.
Mar 30 2022 23:01:19-08:00 -view DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 7, the
change loop count is 0, and the maximum number of records is 4095.
[-view-GigabitEthernet0/0/2]quit

[-view]int g0/0/3
[-view-GigabitEthernet0/0/3]ip add 44.60.1.1 255.255.0.0
[-view-GigabitEthernet0/0/3]
Mar 30 2022 23:02:12-08:00 -view %%01IFNET/4/LINK_STATE(1)[4]:The line protocol
IP on the interface GigabitEthernet0/0/3 has entered the UP state.
Mar 30 2022 23:02:19-08:00 -view DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.
25.191.3.1 configurations have been changed. The current change number is 8, the
change loop count is 0, and the maximum number of records is 4095.
[-view-GigabitEthernet0/0/3]quit
```

4. SS Nama Router dan Switch

a. Router

```
<Huawei>
<Huawei>sys
Enter system view, return user view with Ctrl+Z.
[Huawei]sysname Agung
[Agung]interface
Mar 30 2022 22:30:17-08:00 Agung DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.25.191.3.1 configurations have been changed. The current change number is 1, the change loop count is 0, and the maximum number of records is 4095.
```

b. Switch

```
<Huawei>sys
Enter system view, return user view with Ctrl+Z.
[Huawei]sysname 2109106044
[2109106044]
Mar 30 2022 23:03:30-08:00 2109106044 DS/4/DATASYNC_CFGCHANGE:OID 1.3.6.1.4.1.2011.5.25.191.3.1 configurations have been changed. The current change number is 4, the change loop count is 0, and the maximum number of records is 4095.
Mar 30 2022 23:04:24-08:00 2109106044 %%01PHY/1/PHY(1)[0]: GigabitEthernet0/0/1: change status to up
[2109106044]
```