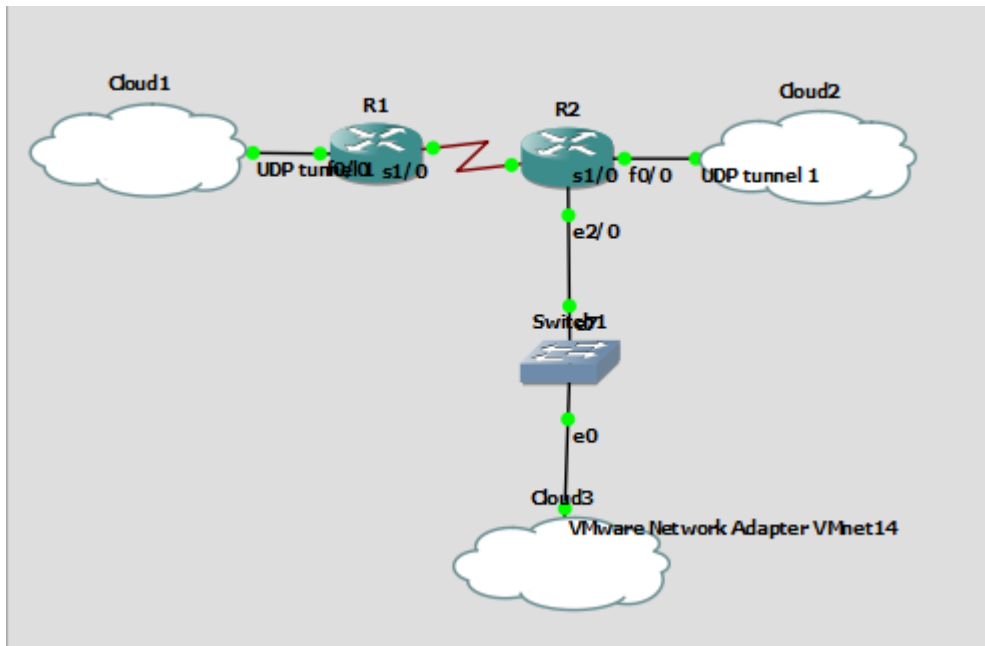


RIP 홉카운트(매트릭) 활용 실습 (스플릿 호라이즌, 수동 축약 개념, offset list 개념)

개인 랩



mrtg 설정

conf t

```
snmp-server view all iso included
```

```
access-list 10 permit any
```

```
snmp-server community public view all ro 10
```

```
snmp-server host manager_ip informs version 2c public alarms
```

[대상 cfg생성]

```
snmp-server view all iso included
```

```
snmp-server community public view all RO 10
```

[라우터별] 예시 R1

```
cfgmaker --snmp-options=::::2 \
--ifref=descr --ifdesc=descr \
--global "WorkDir: /var/www/mrtg" \
--global "Options[]: bits,growright" \
--output /etc/mrtg/cisco-R1.cfg \
public@172.16.4.190:::2
```

V2c 강제 치환

```
sed -i 's/:::1/:::2/g' /etc/mrtg/cisco-R1.cfg
```

```
sed -i 's/v4only/:::2/g' /etc/mrtg/cisco-R1.cfg
```

[라우터별] 예시 R2

```
cfgmaker --snmp-options=::::2 \
--ifref=descr --ifdesc=descr \
--global "WorkDir: /var/www/mrtg" \
```

```
--global "Options[_]: bits,growright" \  
--output /etc/mrtg/cisco-R2.cfg \  
public@172.16.4.191:::2
```

V2c 강제 치환

```
sed -i 's/:::1/:::2/g' /etc/mrtg/cisco-R2.cfg  
sed -i 's/v4only/:::2/g' /etc/mrtg/cisco-R2.cfg
```

[대상 indexmaker]

```
indexmaker --output=/var/www/mrtg/index.html \  
/etc/mrtg/cisco-R1.cfg \  
/etc/mrtg/cisco-R2.cfg
```

crontab -e 실행 후 기존 내용을 지우거나 아래와 같이 추가

```
*/* * * * * env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R1.cfg  
*/5 * * * * env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R2.cfg
```

수동 실행

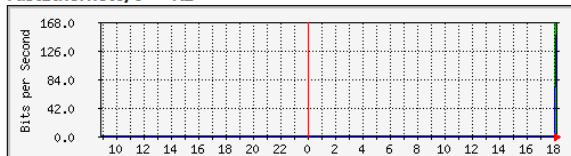
```
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R1.cfg  
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R1.cfg  
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R1.cfg
```

수동 실행

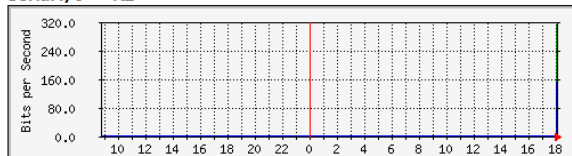
```
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R2.cfg  
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R2.cfg  
env LANG=C /usr/bin/mrtg /etc/mrtg/cisco-R2.cfg
```

MRTG Index Page

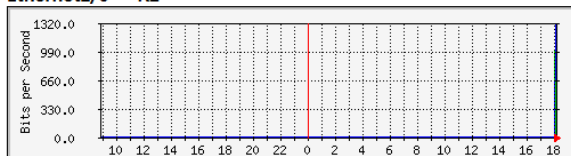
FastEthernet0/0 -- R2



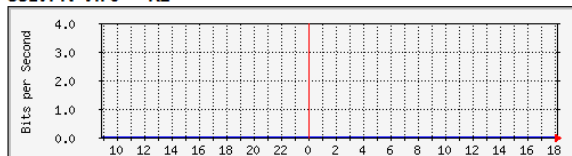
Serial1/0 -- R2



Ethernet2/0 -- R2



SSLVPN-VIF0 -- R2



MRTG MULTI ROUTER TRAFFIC GRAPHER
version 2.17.7

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