

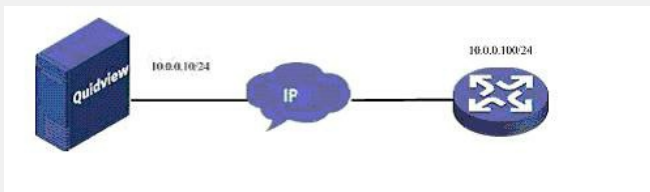
Configure SNMP

Keywords: MSR;SNMP

1. Requirements

The Network management system (NMS) can ping RTA well through IP network and router is connected to IP network through Ethernet0/1.

2. Network diagram



3. Configuration steps

Device and Version: MSR series, version 5.20 and Beta 1106.

RTA key configuration scripts

```
#
//Configure SNMP parameters,local-engineid is the unique id of SNMP,the following two co
mmands is optional, which will automatically generate,when finish configuring R/W attribut
es.
snmp-agent
snmp-agent local-engineid 800007DB03000FE2000003
// Configure read and write attributes, mandatory configuration.
snmp-agent community write private
snmp-agent community read public
//set SNMP version, default value is V3
snmp-agent sys-info version all
//set SNMP trap host address and port
snmp-agent target-host trap address udp-domain 10.0.0.10 params
securityname public
snmp-agent trap source Ethernet0/1
#
//connect ip network interface address.
interface Ethernet0/1
port link-mode route
ip address 10.0.0.100 255.255.255.0
#
```

4. Tips

1. Make sure router can ping NMS software server well
2. Make sure the configuration parameters of NMS software is same as router, incl uding snmp version, write and read attributes.
3. If NMS software can receive trap packets from router, we must configure trap en able and trap host address.