MSR Series NAT Syslog configuration
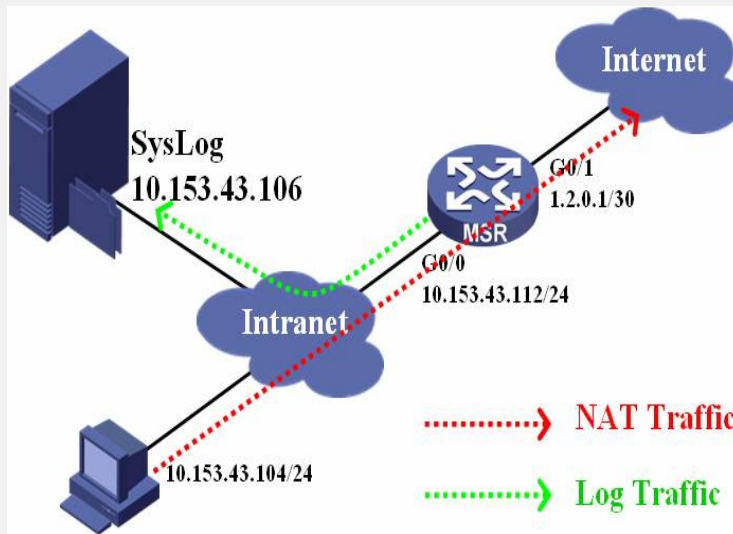
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NAT Syslog configuration

Keywords: MSR; NAT; Syslog; Loghost

1. Customer requirements
MSR as the NAT gateway between the customer's intranet and the internet, the customer wants the each NAT session generates one record that to be inserted into the syslog and sent to a remote loghost.
Devices list: 1 MSR router, 2 PC.
2. Topology

3. Active Configurations

MSR key configuration

```
#
 // Specify the remote loghost's ip address which use the UDP port 514
 info-center loghost 10.153.43.106
#
 // Enable the NAT log to be inserted into the Syslog
 userlog nat syslog
#
// The acl for NAT
acl number 2000
 rule 0 permit source 10.153.43.0 0.0.0.255
#
// The interface connects to the Intranet
interface GigabitEthernet0/0
 port link-mode route
 ip address 10.153.43.112 255.255.255.0
#
// The interface connects to the Internet
interface GigabitEthernet0/1
 port link-mode route
 // Enable the traffic defined by ACL 2000 to be translated by NAT
 nat outbound 2000
 ip address 1.2.0.1 255.255.255.252
#
 // Enable the NAT log function
 nat log enable
 // The NAT log will be created as well as the NAT session created
 nat log flow-begin
 // Insert the NAT log every 10 minutes when the NAT session alive
 nat log flow-active 10
 #
```

4. Some advice

1) NAT log function is not opened by default.

2) NAT log triggered by NAT is different from Syslog which controlled by Info-Center.

3) You must enable the NAT log function first.

4) You must enable the NAT log to be inserted to Syslog.

5) When you configure a remote syslog loghost the Syslog which contains the NAT lo

g will be sent to the remote loghost.