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MSR Series

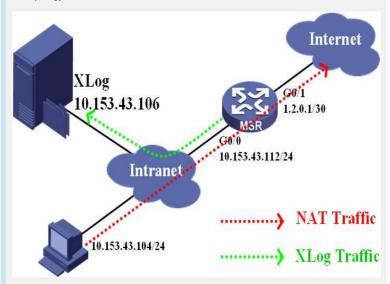
NAT Log configuration

Keywords: MSR; NAT; XLog

1. Customer requirements

MSR as the NAT gateway between the customer's intranet and the internet, the cust omer wants the each NAT session generates one record that to be sent to a remote XLog server in a private format named NAT-Log which is not compatible with Syslog. Devices list: 1 MSR router, 2 PC.

2. Topology



3. Active Configurations

MSR key configuration

 $/\!/$ Enable the NAT log to be sent to the XLog server 10.153.43.106 at UDP port 90 21 which is different with Syslog

userlog nat export host 10.153.43.106 9021

// 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 sent to a XLog server which differs from Syslo

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