

MSR Series ASPF configuration

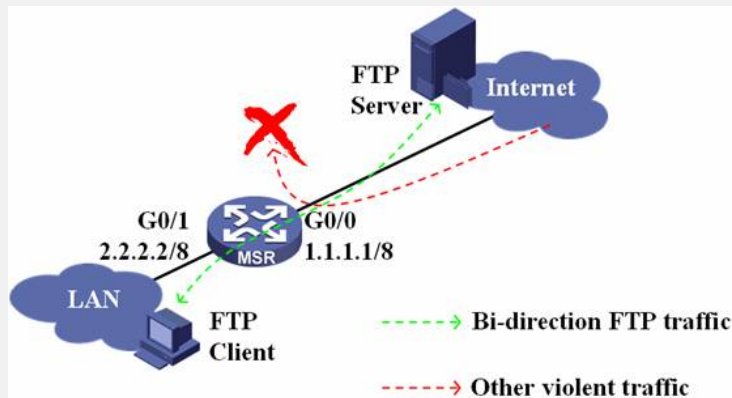
Keywords: MSR; ASPF; Firewall

1. Customer requirements

Customer chooses a MSR as his Internet gateway, and he want only the LAN resident FTP client being able to access the Internet's FTP server, all other traffic to be denied.

Devices list: 1 MSR routers, 2 PCs

2. Topology



3. Active configurations

```
MSR configuration
#
// Open the firewall function, which is closed by default.
firewall enable
#
// Create the aspf-policy and its sequence number is 1
aspf-policy 1
// Specify to detect the FTP connection, and its aging time is 300 seconds.
detect ftp aging-time 300
#
// Define an advance ACL with number 3000, which deny all ip traffic
acl number 3000
rule 0 deny ip
#
// The interface connects to Internet
interface GigabitEthernet0/0
port link-mode route
// Enable the firewall to deny all input traffic
firewall packet-filter 3000 inbound
// Apply the ASPF policy to permit the opposite traffic specified by the policy.
firewall aspf 1 outbound
ip address 1.1.1.1 255.0.0.0
#
// The interface connects to LAN
interface GigabitEthernet0/1
port link-mode route
ip address 2.2.2.2 255.0.0.0
#
```

4. Some advice

- 1) When you are in the view of some interface, be clear the direction to be denied and to be permitted.