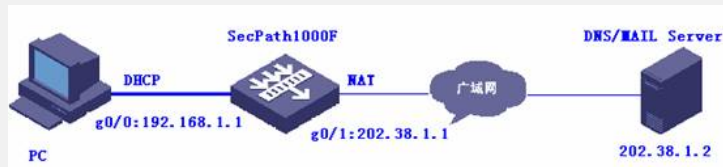


SecPath防火墙邮件主题过滤的典型组网

一、组网需求:

阻止某些特定邮件主题的垃圾邮件和病毒邮件。

二、组网图



SecPath1000F: 版本为Version 3.40, ESS 1604P01;

DNS/MAIL Server: Windows 2003操作系统;

PC: Windows XP操作系统, DHCP客户端。

三、配置步骤

1. SecPath1000F的主要配置

```
#
sysname Quidway
#
firewall packet-filter enable
firewall packet-filter default permit
#
firewall smtp-filter subject enable //启用邮件主题过滤功能
firewall smtp-filter subject load-file flash:/mail-subject //指定加载位置和文件
#
aspf-policy 1 //配置aspf策略
detect smtp //对smtp进行检测
detect tcp
detect udp
#
dhcp server ip-pool test //创建DHCP地址池, 定义属性值
network 192.168.1.0 mask 255.255.255.0
gateway-list 192.168.1.1
dns-list 202.38.1.2
domain-name h3c.com
#
acl number 3000 //创建NAT转换的ACL
rule 0 permit ip source 192.168.1.0 0.0.0.255
rule 1 deny ip
#
interface GigabitEthernet0/0
ip address 192.168.1.1 255.255.255.0
dhcp select interface //在接口下启用DHCP
dhcp server dns-list 202.38.1.2 //定义DHCP Server分配的DNS
#
interface GigabitEthernet0/1
ip address 202.38.1.1 255.255.255.0
firewall aspf 1 outbound //接口的出方向应用aspf
nat outbound 3000 //配置nat outbound
#
firewall zone trust
add interface GigabitEthernet0/0
set priority 85
#
firewall zone untrust
add interface GigabitEthernet0/1
set priority 5
```

```

#
ip route-static 0.0.0.0 0.0.0.0 202.38.1.2 //配置默认路由
#
[Quidway]firewall smtp-filter subject add hello //添加邮件主题关键字
<Quidway>dis firewall smtp-filter subject item-all //显示邮件主题过滤条目

Firewall smtp-filter subject items
item(s) added manually : 1
item(s) loaded from file : 0

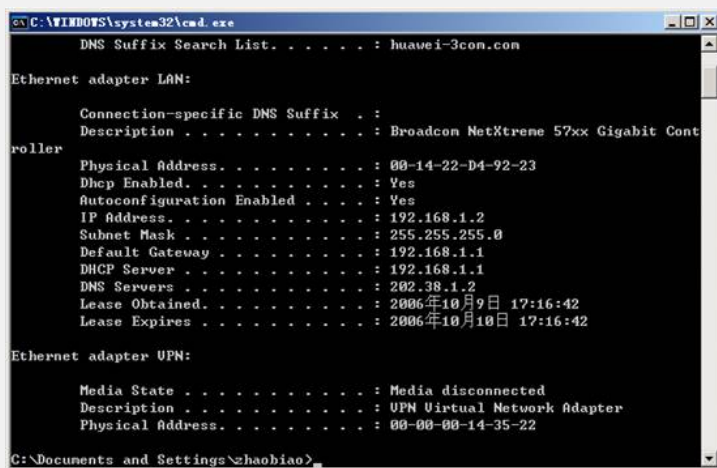
SN Match-Times Keyword
-----
1 1 hello
<Quidway>dir
Directory of flash:/

1 -rw- 8576044 Sep 30 2006 08:57:31 system
2 -rw- 1021629 Sep 27 2006 10:26:51 http.zip
3 -rw- 1735 Oct 09 2006 17:18:35 config.cfg
4 -rw- 4 Sep 28 2006 21:27:48 snmpboots
5 -rw- 27 Oct 09 2006 17:12:44 mail-subject //在flash中保存mail-subject
<Quidway>more mail-subject //显示“mail-subject”文件内容
hello

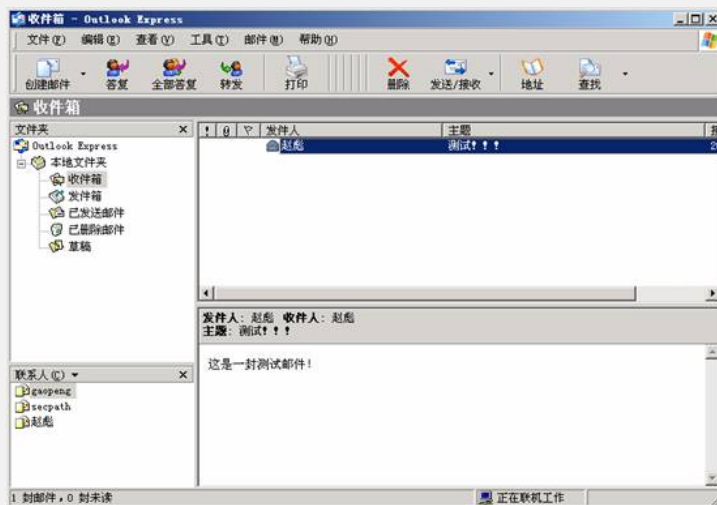
```

2. PC的验证结果

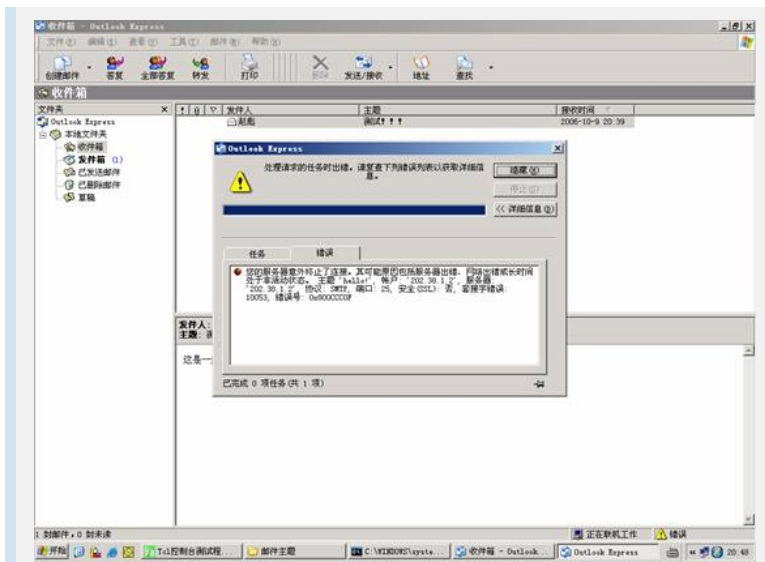
显示自动获取的IP地址:



未配置邮件主题过滤时，通过客户端OE发送邮件:



配置邮件主题过滤后，通过客户端OE发送邮件:



四、配置关键点

1. 添加完关键字后，如果重启设备，配置的关键字会丢失，需要通过firewall smtp-filter subject save-file mail-subject命令保存关键字到flash中；此外，如果重启设备后，还需要重新加载已经保存在flash中的文件，可以通过firewall smtp-filter subject load-file mail-subject命令自动加载；
2. 可以通过Tftp程序把mail-subject文件下载到本地，修改完成后再上传到flash中。