iMC V7实现不同终端弹不同portal页面并下发不同的策略案例

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Portal网页认证方式简单，无需客户端，且适用于各种终端如PC、手机、pad等。很多客户的需求是需要根据不同的终端类型推送不同的portal认证界面并下发不同的权限策略，实现灵活控制。

PC （iPhone）---ap（wireless）---MSR920-----ap（wireless）--------iMC

一．设备配置：

```
portal server portal21 ip 192.168.15.6 key cipher $c$3$CLWGrRPHS7r5ZEF4y7gKaR/MNK9smg==
url http://192.168.15.6:8080/portal server-type imc  //配置portal server，密码h3c
 portal free-rule 1 source ip any destination ip 8.8.8.8 mask 255.255.255.255  //放通到dns地址
 portal free-rule 2 source ip any destination ip 114.64.255.148 mask 255.255.255.255
 portal free-rule 3 source ip any destination ip 114.64.255.0 mask 255.255.255.0
 portal free-rule 4 source ip any destination ip 192.169.199.1 mask 255.255.255.255
 portal free-rule 5 source ip any destination ip 192.168.20.1 mask 255.255.255.255
#
domain default enable portal21
acl number 3000   //用于下发不同的策略的acl
 rule 0 deny ip destination 111.1.1.1 0
 rule 5 permit ip
acl number 3001   //用于下发不同的策略的acl
 rule 0 deny ip destination 111.1.1.2 0
 rule 5 permit ip
#
vlan 15
#
vlan 20 to 22
radius scheme portal21
 primary authentication 192.168.15.6 key cipher $c$3$i+VDTbQz76KaYNVGCLgjxeW5hzuU/A==  //
密钥h3c
 primary accounting 192.168.15.6 key cipher $c$3$ESLodi1ding/kohgcCABb+W78ehsrg==
 user-name-format without-domain
 nas-ip 192.168.15.1
#

domain portal21
 authentication portal radius-scheme portal21
 authorization portal radius-scheme portal21
 accounting portal radius-scheme portal21
 access-limit disable
 state active
 idle-cut disable
 self-service-url disable
interface LoopBack1  //用于测试策略的地址
 ip address 111.1.1.1 255.255.255.255
#
interface LoopBack2   //用于测试策略的地址
 ip address 111.1.1.2 255.255.255.255
interface Vlan-interface15  /链接iMC的接口
 description ssid-imc-portal-test
 ip address 192.168.15.1 255.255.255.0
#
interface Vlan-interface20    //连接认证客户端的接口
 description ssid-6234
 ip address 192.168.20.1 255.255.255.0
 portal server portal21 method direct
snmp-agent   //配置SNMP参数
 snmp-agent local-engineid 800063A203B8AF67F778FC
 snmp-agent community read public
```

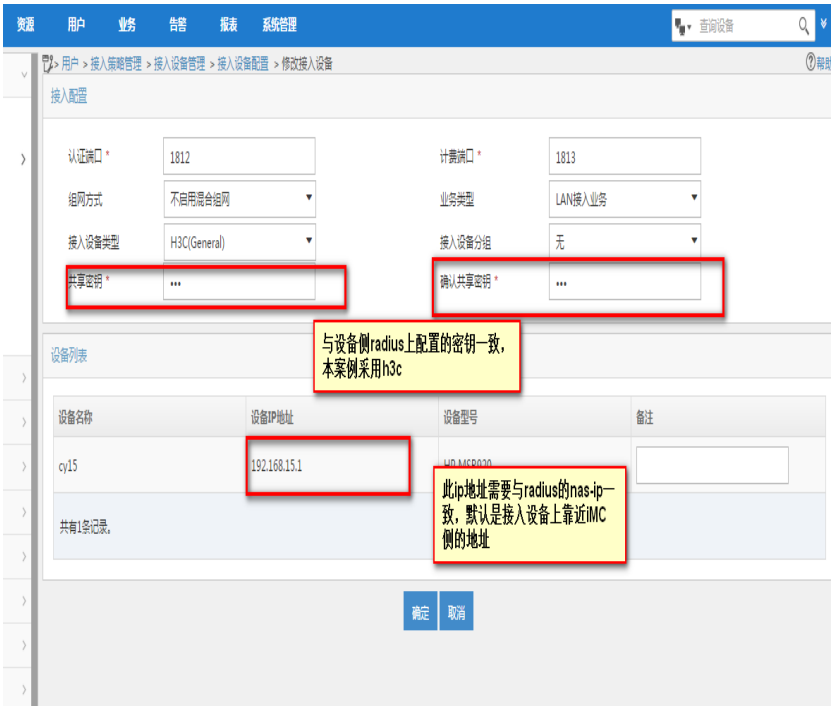
snmp-agent community write private

snmp-agent sys-info location Location:shenzhen

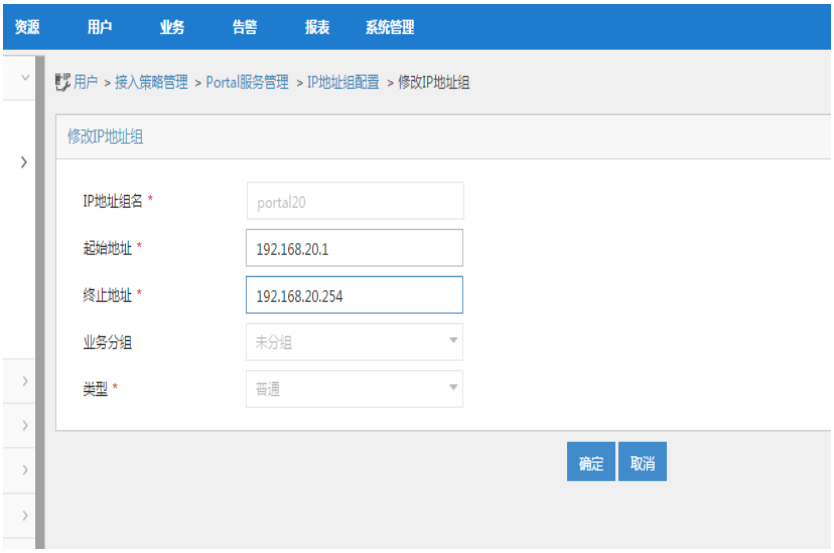
snmp-agent sys-info version all

二.iMC配置

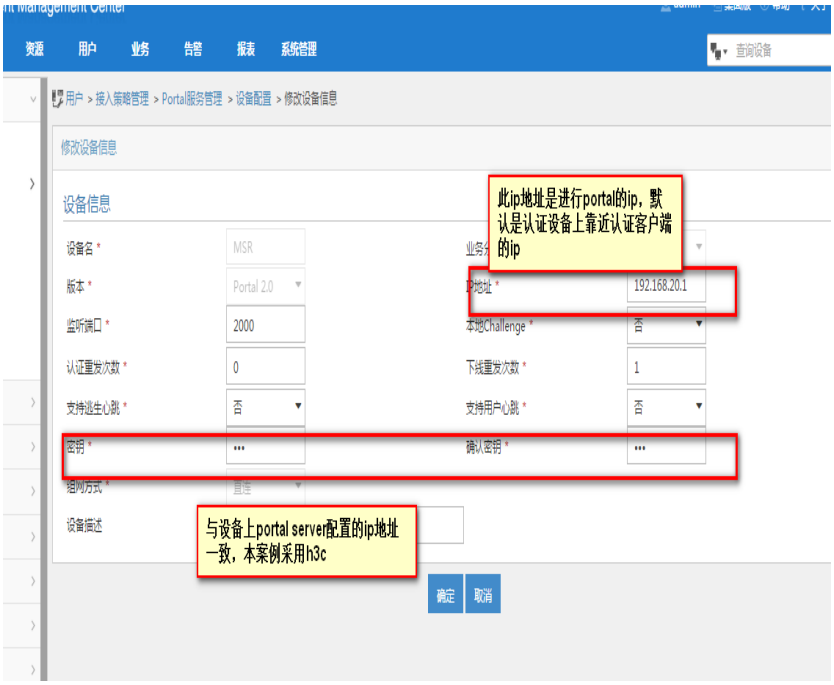
1. 配置接入设备



2.配置portal的ip地址组



3. 配置portal设备



4. 定制页面

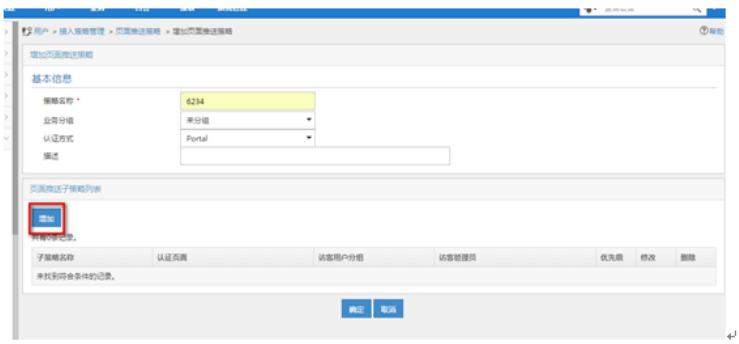
选择一个模板，点击增加


自定义+增加
查看
定制名称
模板名称
业务分组
认证类型
绘制
预览
复制
修改
删除
缺省Web认证（PC）
缺省Web认证（PAD）
第三方认证
另类缺省Web认证（PC）
二维码开户与认证
短信开户与认证（PC）
6234pc
预定义
未分组
普通认证
短信认证
模板2


192.168.15.6:8080/imc/acm/custompage/canvas/20150605214436446/popPcPortal.xhtml?customPageId=100&customPort
imc PC 页面测试！！！！
6234！
帐号名
帐号密码
服务类型
保存密码
上线
下线
增加区段
预览
保存
发布
设置
关闭
版权所有

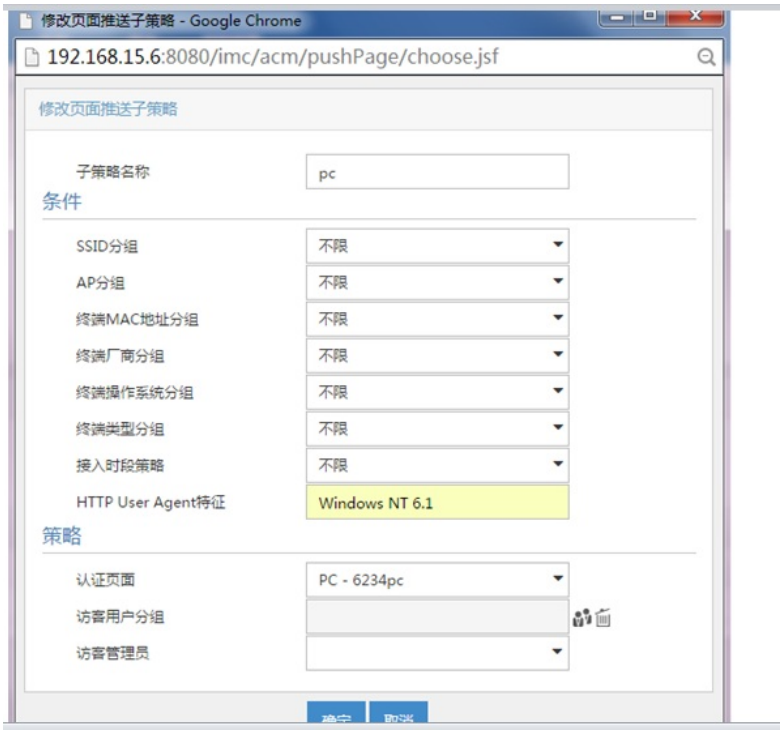

Portal PC 定制 - Google Chrome
192.168.15.6:8080/imc/acm/custompage/canvas/20150605214436446/popPcPortal.xhtml?customPageId=100&customPort
恭喜成功登陆Pc页面！！！
上线成功
3秒后本页面将跳转到下述页面，如果无法跳转请手动操作：
搜索请访问 www.baidu.com
下线
增加区段
预览
保存
发布
关闭

5.配置页面推送策略

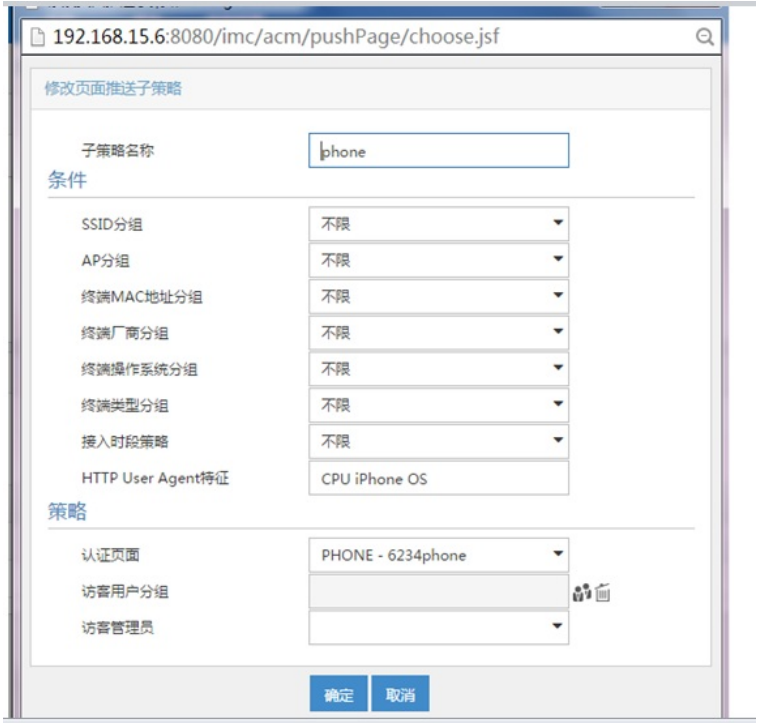


配置两个子策略，分别如下

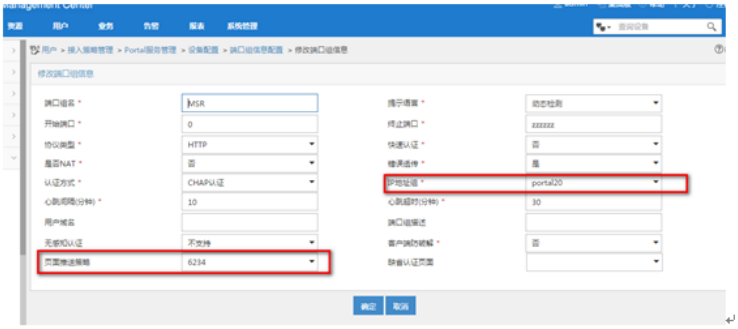
Windows 7 的 http 报文中的 http user-agent 字段是 Windows NT 6.1



通过在iMC服务器上抓包iPhone 5发过来的IOS8.3系统的http报文 user-agent字段是CPU iPhone OS

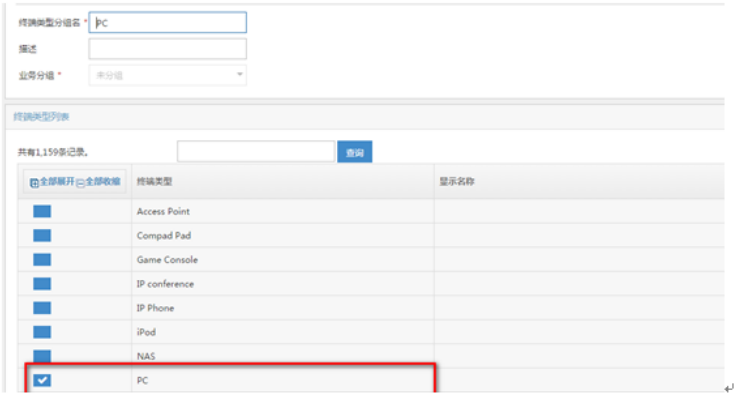


6.端口组信息管理里面调用IP地址组和页面推送策略

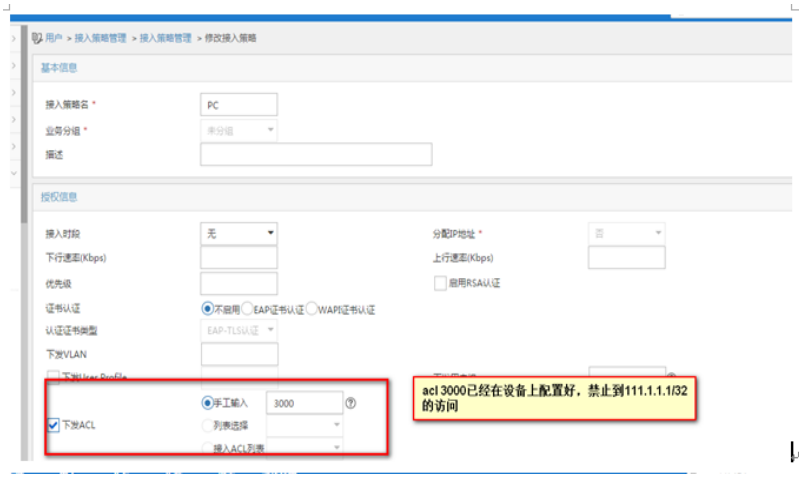


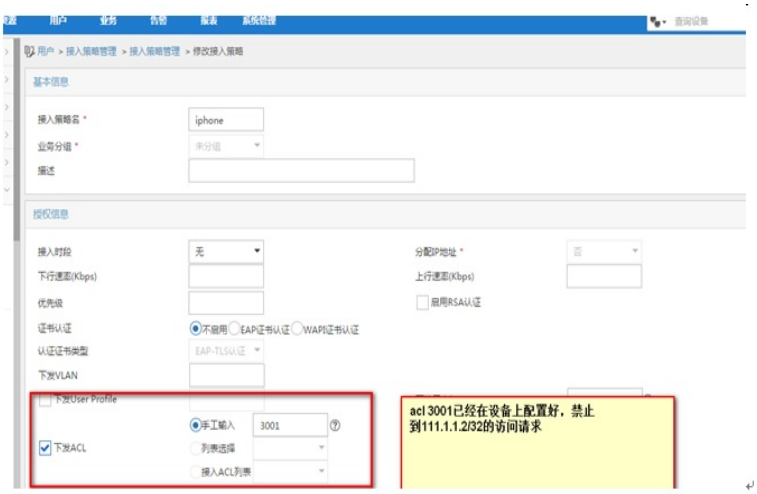
不同终端推送不同的portal页面配置好了，接着配置不同终端下发不同的侧策略

7. 接入条件里面增加终端类型分组

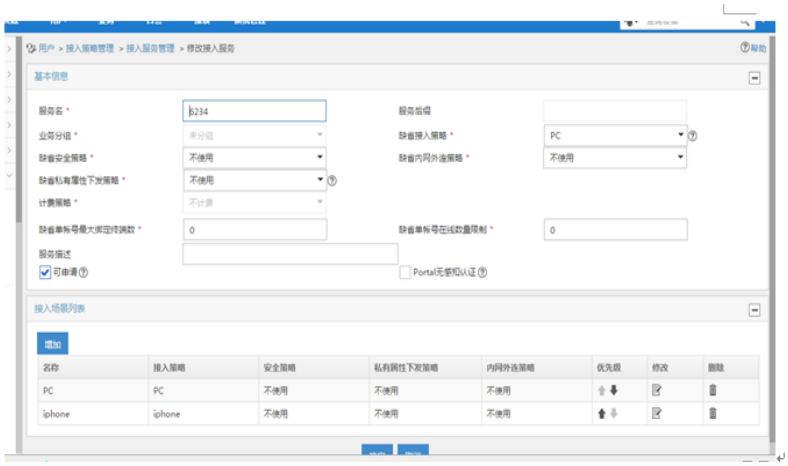


8. 配置接入策略，不同的策略调用不同的acl，实现不同的权限控制

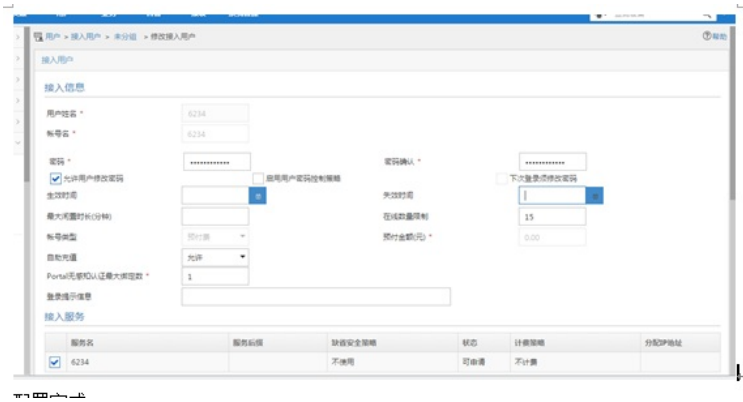




9. 配置接入服务，不同的终端类型调用不同的接入策略



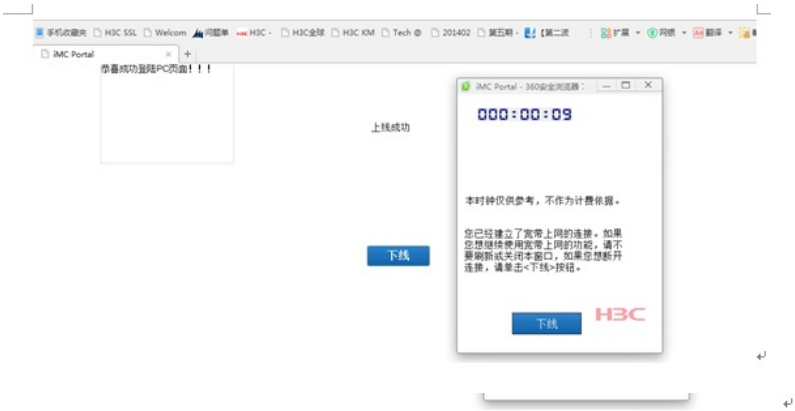
10. 配置接入用户绑定此接入服务



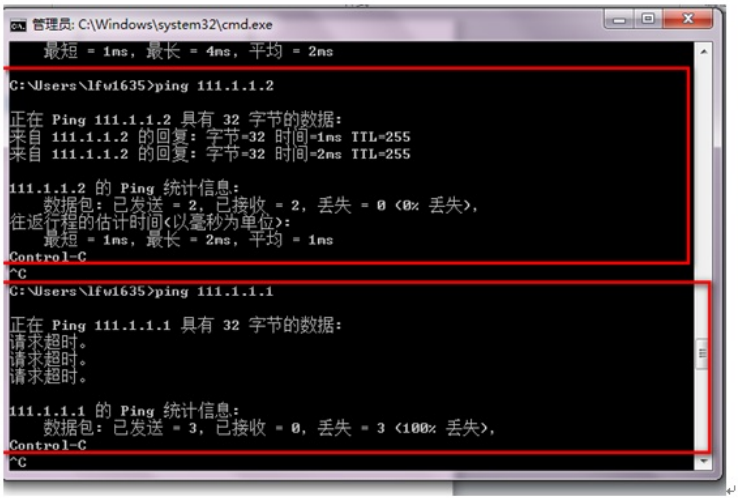
配置完成

三．认证效果

PC端登陆：



认证通过之后



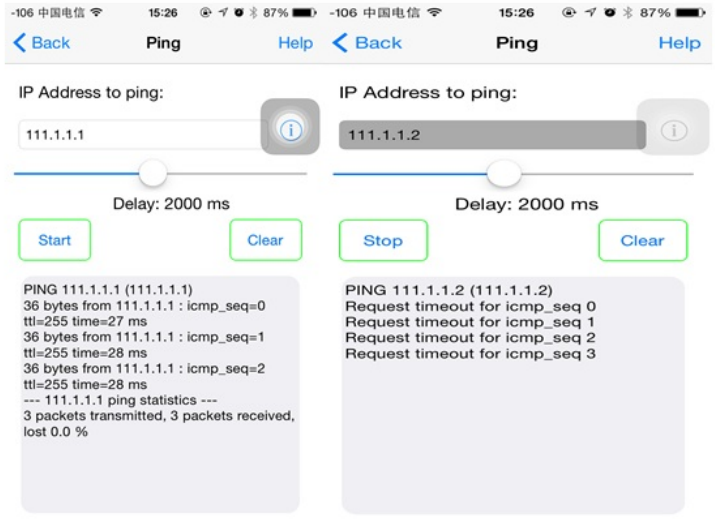
Ping的时候到设备上查看acl

dis acl 3000

Advanced ACL 3000, named -none-, 2 rules,

ACL's step is 5
 rule 0 deny ip destination 111.1.1.1 0 (9 times matched)
 rule 5 permit ip (5131 times matched)

iPhone客户端登陆：



设备上查看acl匹配情况

dis acl 3001
Advanced ACL 3001, named -none-, 2 rules,
ACL's step is 5
 rule 0 deny ip destination 111.1.1.2 0 (23 times matched)
 rule 5 permit ip (7541 times matched)