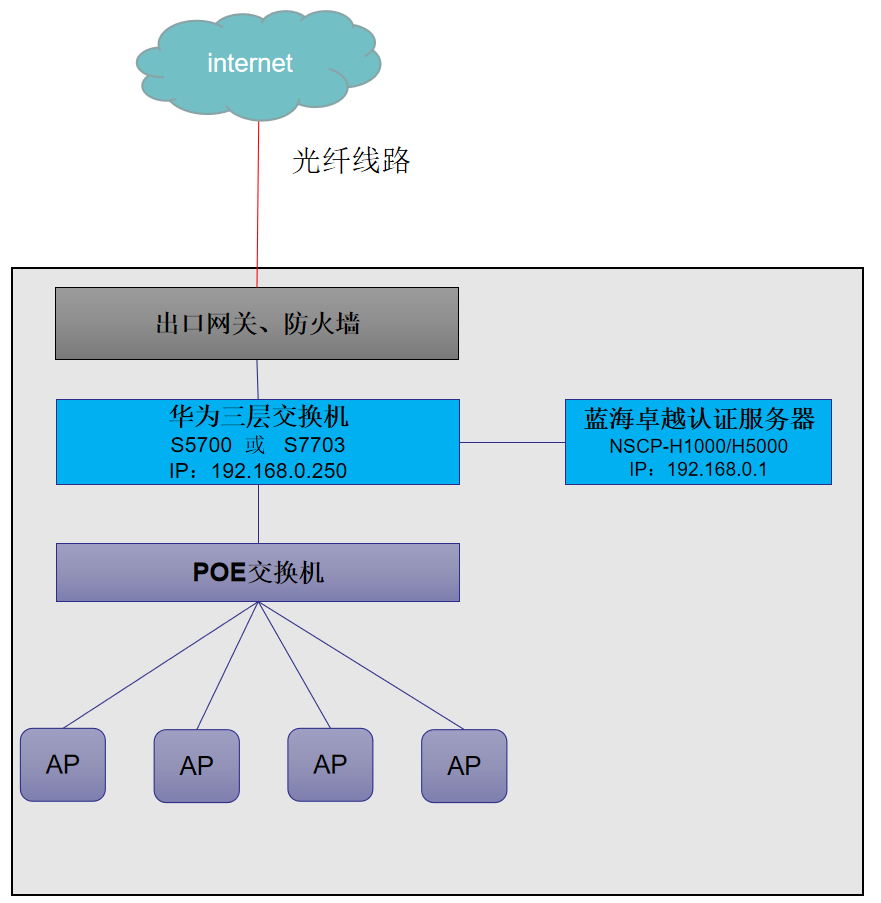
**华为S5700三层交换机与蓝海卓越系统**

**对接实现Portal认证+MAC无感知认证**

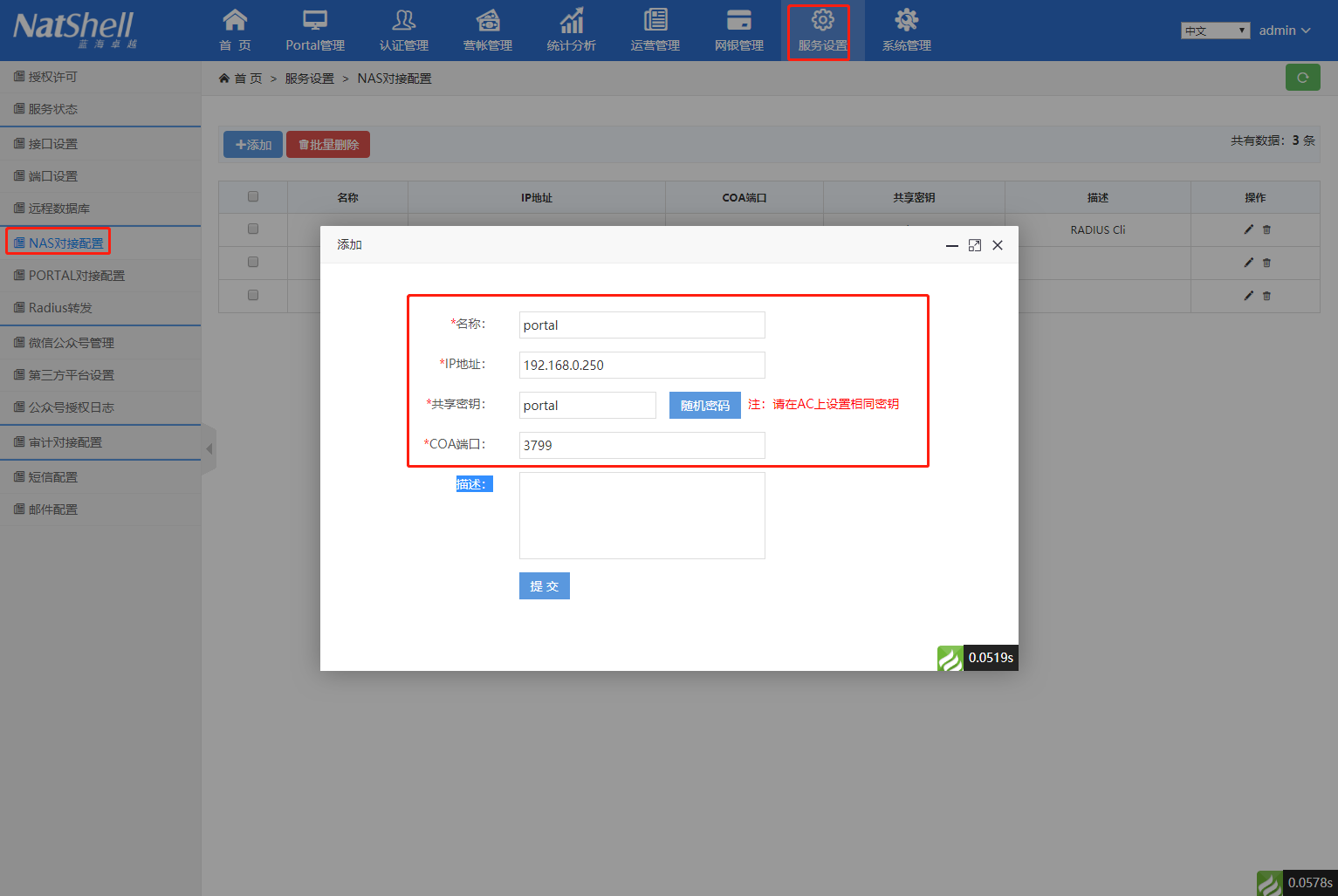
**拓扑描述：**



* 出口网关上接互联网，做NAT。
* 出口网关上做DHCP、宽带拨号
* 网关下接华为S5700/S7703三层交换机
* 下接普通无线AP，做桥接模式

蓝海卓越认证服务器配置：





然后添加用户组、添加套餐，添加用户（具体请参考使用手册）

华为交换机配置参考：

[LeeSon-SW]dis cur   
!Software Version V200R005C00SPC500  
#  
sysname LeeSon-SW  
#  
undo info-center enable  
#  
dns resolve  
dns server 114.114.114.114  
dns server 8.8.8.8  
#  
vcmp role silent  
#  
vlan batch 10 100  
#  
lnp disable  
#  
undo authentication unified-mode  
#  
telnet server enable  
telnet ipv6 server enable  
#  
mac-authen  
mac-authen domain leeson.com  
#  
http server load s5700si-v200r005c00spc500.web.7z  
#  
undo management-port isolate enable  
undo management-plane isolate enable  
#  
dhcp enable  
#  
radius-server template radius  
radius-server shared-key cipher %@%@3:T<:/\_JKF'gF"J@xmE&]1+i%@%@  
radius-server authentication 192.168.0.1 1812 weight 80  
radius-server accounting 192.168.0.1 1813 weight 80  
radius-server retransmit 2  
undo radius-server user-name domain-included  
radius-attribute nas-ip 192.168.0.250  
#  
url-template name portal  
url [http://192.168.0.1](http://192.168.0.1/" \t "http://www.openportal.com.cn/_blank)  
url-parameter user-mac mac redirect-url url sysname nasname user-ipaddress wlanuserip  
url-parameter mac-address format delimiter : normal  
#  
web-auth-server portal  
server-ip 192.168.0.5 192.168.0.1  
port 50100  
shared-key cipher %@%@\r5pOb\*+\_0<)8#R90%sI~n{o%@%@  
url [http://192.168.0.1](http://192.168.0.1/" \t "http://www.openportal.com.cn/_blank):9090                    
url-template portal  
source-ip 192.168.0.250  
#  
aaa  
authentication-scheme default  
authentication-scheme radius  
  authentication-mode radius  
authorization-scheme default  
accounting-scheme default  
accounting-scheme radius  
  accounting-mode radius  
  accounting realtime 1  
domain default  
domain default\_admin  
domain leeson.com  
  authentication-scheme radius  
  accounting-scheme radius  
  radius-server radius  
  statistic enable  
local-user admin password irreversible-cipher %@%@i5+\*Q]e1jOIgu.)+>.E!o7rL!tS)&6q{1=C&;v5uA!Z)7rOo%@%@  
local-user admin privilege level 15  
local-user admin service-type telnet http  
local-user leeson password irreversible-cipher %@%@n2R,AhiG/R1#c>>jL1u/p1BGlJZV~O,$L#yD84&o~8>81BJp%@%@  
local-user leeson privilege level 15       
local-user leeson service-type telnet http  
local-user lishuo password irreversible-cipher %@%@GY2h3cG!o4\_dr(\*WnBo%WH1kDBSq/"YW9-p\aa-whY/<H1nW%@%@  
local-user lishuo privilege level 15  
local-user lishuo service-type telnet http  
#  
interface Vlanif10  
ip address 10.0.0.1 255.255.255.0  
#  
interface Vlanif100  
ip address 192.168.0.250 255.255.255.0  
web-auth-server portal direct  
portal domain leeson.com  
mac-authen  
mac-authen username macaddress format without-hyphen  
mac-authen domain leeson.com  
dhcp select relay  
dhcp relay server-ip 192.168.0.254  
#  
interface MEth0/0/1  
#  
interface GigabitEthernet0/0/1  
port link-type access  
port default vlan 100  
#                                           
interface GigabitEthernet0/0/2  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/3  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/4  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/5  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/6  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/7  
port link-type access  
port default vlan 100  
#                                           
interface GigabitEthernet0/0/8  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/9  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/10  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/11  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/12  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/13  
port link-type access  
port default vlan 100  
#                                           
interface GigabitEthernet0/0/14  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/15  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/16  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/17  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/18  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/19  
port link-type access  
port default vlan 100  
#                                           
interface GigabitEthernet0/0/20  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/21  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/22  
port link-type access  
port default vlan 100  
#  
interface GigabitEthernet0/0/23  
port link-type access  
port default vlan 10  
#  
interface GigabitEthernet0/0/24  
port link-type access  
port default vlan 10  
#  
interface NULL0  
#  
ip route-static 0.0.0.0 0.0.0.0 GigabitEthernet0/0/4  
#                                           
ssh server compatible-ssh1x enable  
#  
web-auth-server version v2  
portal timer offline-detect 30  
portal free-rule 0 destination any source ip 192.168.0.1 mask 255.255.255.255  
portal free-rule 1 destination ip 192.168.0.1 mask 255.255.255.255 source any  
portal free-rule 2 destination any source ip 192.168.0.254 mask 255.255.255.255  
portal free-rule 3 destination ip 192.168.0.254 mask 255.255.255.255 source any  
portal free-rule 4 destination any source ip 192.168.0.250 mask 255.255.255.255  
portal free-rule 5 destination ip 192.168.0.250 mask 255.255.255.255 source any  
portal free-rule 6 destination any source ip 118.118.118.9 mask 255.255.255.255  
portal free-rule 7 destination ip 118.118.118.9 mask 255.255.255.255 source any  
portal free-rule 8 destination any source ip 202.98.192.67 mask 255.255.255.255  
portal free-rule 9 destination ip 202.98.192.67 mask 255.255.255.255 source any  
portal free-rule 10 destination any source interface GigabitEthernet0/0/1  
portal free-rule 28 destination any source ip 192.168.0.10 mask 255.255.255.255  
portal free-rule 29 destination ip 192.168.0.10 mask 255.255.255.255 source any  
#  
user-interface con 0  
authentication-mode password  
set authentication password cipher @%@%!'"/22O3L7H\t(M>:R4Myy=itER,GfG\*U!`UKbWqOC6Oy=ly@%@%  
user-interface vty 0 4  
authentication-mode aaa  
user privilege level 15                    
protocol inbound all  
user-interface vty 16 20  
protocol inbound telnet  
#  
port-group alle  
group-member GigabitEthernet0/0/1  
group-member GigabitEthernet0/0/2  
group-member GigabitEthernet0/0/3  
group-member GigabitEthernet0/0/4  
group-member GigabitEthernet0/0/5  
group-member GigabitEthernet0/0/6  
group-member GigabitEthernet0/0/7  
group-member GigabitEthernet0/0/8  
group-member GigabitEthernet0/0/9  
group-member GigabitEthernet0/0/10  
group-member GigabitEthernet0/0/11  
group-member GigabitEthernet0/0/12  
group-member GigabitEthernet0/0/13  
group-member GigabitEthernet0/0/14  
group-member GigabitEthernet0/0/15  
group-member GigabitEthernet0/0/16  
group-member GigabitEthernet0/0/17  
group-member GigabitEthernet0/0/18  
group-member GigabitEthernet0/0/19         
group-member GigabitEthernet0/0/20  
group-member GigabitEthernet0/0/21  
group-member GigabitEthernet0/0/22  
group-member GigabitEthernet0/0/23  
group-member GigabitEthernet0/0/24  
#  
return  
[LeeSon-SW]