

知 WX3508H配置逃生服务模板后不生效

802.1X wlan接入 杨森A 2022-11-30 发表

问题描述

现场WX3508H无线控制器结合iMC做802.1X认证接入网络，采用逃生服务模板方式实现逃生，配置后逃生生效，但是服务器恢复后客户端无法进行认证。

过程分析

现场一开始想要在iMC侧使用radius逃生方案，后续因某些原因改为在无线控制器侧通过配置逃生服务模板实现逃生。配置逃生服务模板后，模拟服务器不可达，逃生模板生效，但是重启恢复iMC后客户端无法进行认证。

首先检查无线控制器侧配置：

```
#  
wlan service-template test //无线服务模板  
ssid test1  
vlan 28  
client forwarding-location ap vlan 100  
fail-permit enable keep-online //在模板下启用逃生功能，逃生后已上线用户保持在线状态  
akm mode dot1x  
cipher-suite ccmp  
cipher-suite tkip  
security-ie rsn  
security-ie wpa  
client-security authentication-mode dot1x  
dot1x domain imc  
service-template enable  
#  
wlan service-template taosheng //逃生服务模板  
ssid taosheng  
vlan 28  
client forwarding-location ap vlan 100  
fail-permit template //将服务模板配置为逃生服务模板  
service-template enable  
#  
radius session-control enable  
radius-server test-profile taosheng username test-portal interval 1 //配置radius服务器探测模板  
#  
radius scheme imcc  
primary authentication 1.1.1.1 key simple 123 test-profile taosheng  
primary accounting 1.1.1.1  
key authentication simple 123  
key accounting simple 123  
user-name-format without-domain  
#  
domain imc  
authentication lan-access radius-scheme imcc  
authorization lan-access radius-scheme imcc  
accounting lan-access radius-scheme imcc  
#  
wlan ap-group 6330  
firmware-upgrade enable  
region-code CN  
vlan 1  
ap A-3F-AP01  
ap A-3F-AP02  
ap-model WA6330  
map-configuration flash:/apcfg.txt  
radio 1  
max-power 6  
radio enable  
channel band-width 20  
radar-detect disable  
sacp anti-sticky enable rssi 25 interval 2 forced-logoff  
service-template test1 wlan 103 //绑定802.1X认证的无线服务模板  
service-template taosheng wlan 103 //绑定逃生服务模板  
gigabitethernet 1  
smartrate-etherent 1
```

```
#  
检查设备侧配置没有发现问题  
继续检查IMC侧：  
解决方法：  
    暂无  
将uam工作模式按指导手册调整为正常模式，逃生服务模板生效，终端实现逃生，服务器恢复后可继  
C:\Users\Administrator>netstat -ano|findstr 181  
TCP 17168 17168 17168  
UDP 17168 17168 17168  
D:\Program Files\iMC\uam\bin>uam back2normal  
switchMode: no need to change.  
  
D:\Program Files\iMC\uam\bin>uam AQ:base-run-info  
An advanced query command has been sent.  
  
D:\Program Files\iMC\uam\bin>more ..\log\result.log  
Begin time: 2022-11-22 11:59:00.007.  
Running mode: normal.  
heavy data loaded: Yes.  
Started at 2022-11-22 11:58:01.  
UAM process ID is 7184.  
End time: 2022-11-22 11:59:00.007.  
  
D:\Program Files\iMC\uam\bin>  
Running mode: failover.  
Started at 2022-11-22 11:56:06.36.  
UAM process ID is 17168.  
End time: 2022-11-22 11:56:05.435.  
  
D:\Program Files\iMC\uam\bin>
```

