

知 某局点 WX3540X Windows系统802.1x认证失败

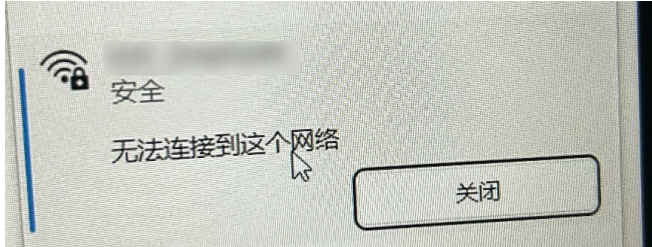
802.1X iNode iMC iMC UAM 付军 2024-08-29 发表

组网及说明

WX3540X, Version 9.1.055, Release 1218P01

问题描述

现场AC和IMC做了远程802.1X认证, 使用手机认证可以成功, 电脑用iNode客户端输入用户名和密码可以认证成功, 但是使用Windows自带的连接输入用户名和密码提示: 无法连接到这个网络



过程分析

一、看AC日志有如下信息, 第一次认证是带了host名称, 所以提示服务器上用户不存在, 第二次认证的时候, 没有带host名称, 还是认证失败了, 提示: A user failed 802.1X authentication.Reason:AAA processed authentication request and return 26.

根据之前的一些案例, 设置Windows上终端网卡为用户身份验证, 还是不行

```
DOT1X/5/DOT1X_WLAN_LOGIN_FAILURE: -Username=host/aaaaaaaa-UserMAC=xxxx-xxxx-xxxx-BSSID=zzzz-xxxx-xxxx-SSID=Name-APName=AP-RadioID=1-VLANID=32; A user failed 802.1X authentication.Reason:AAA processed authentication request and return 26. Server reason "E63018: The user does not exist or has not subscribed to this service."
```

```
DOT1X/5/DOT1X_WLAN_LOGIN_FAILURE: -Username=test-UserMAC=xxxx-xxxx-xxxx-BSSID=zzzz-xxxx-xxxx-SSID=Name-APName=AP-RadioID=2-VLANID=32; A user failed 802.1X authentication.Reason:AAA processed authentication request and return 26.
```

二、在AC上debugging radius all, 有如下信息, 03代表服务器回复Access-Reject认证拒绝, 联系IMC侧同事协助分析

```
*Aug 1 18:23:36:468 2024 H3C-AC-TEST RADIUS/7/PACKET:
  EAP-Message=0x04090004
  Message-Authenticator=0x66bab01c041290651e8abc8dc34c3503
*Aug 1 18:23:36:468 2024 H3C-AC-TEST RADIUS/7/PACKET:
03 8a 00 2c 45 4c c8 52 b5 94 38 93 a2 36 10 a9
  7f ee 9c b6 4f 06 04 09 00 04 50 12 66 ba b0 1c
  04 12 90 65 1e 8a bc 8d c3 4c 35 03
*Aug 1 18:23:36:468 2024 H3C-AC-TEST RADIUS/7/EVENT: Sent reply message successfully.
*Aug 1 18:23:36:468 2024 H3C-AC-TEST RADIUS/7/EVENT: PAM_RADIUS: Processing RADIUS authentication.
*Aug 1 18:23:36:468 2024 H3C-AC-TEST RADIUS/7/EVENT: PAM_RADIUS: Fetched authentication reply-data successfully, resultCode: 1
%Aug 1 18:23:36:468 2024 H3C-AC-TEST DOT1X/5/DOT1X_WLAN_LOGIN_FAILURE: -Username=xxxx-UserMAC=xxxx-xxxx-xxxx-BSSID=xxxx-xxxx-xxxx-SSID=Name-APName=AP-RadioID=2-VLANID=32; A user failed 802.1X authentication.Reason:AAA processed authentication request and return 26.
```

解决方法

最后IMC侧排查, EIA预置证书过期, 重新导入证书后认证成功