

组网及说明

微信认证典型组网

问题描述

某局点 iMC EIA 微信认证五分钟下线一次，默认的访客管理员与临时认证用户设置的用户名密码一样，在imc上看，微信连接成功后上线的是微信用户

基本信息			
账号名		用户名	非分租
账号名		用户分组	
设备名		输入策略名	临时策略-1
接入信息			
接入开始时间	2019-02-25 12:26:09	接入结束时间	2019-02-25 12:31:09
接入时长	5分钟30秒	下线原因	Session Timeout (用户长期不活动造成接入时程被中止会话)
设备IP地址		设备序列号	
设备型号		设备子型号	
设备端口号		端口描述	
IMSI号码		上联字节数	2,573,111
下载字节数	32,894,054	VLAN ID/内层VLAN ID	176
外网VLAN ID		无线SSID	JY-guest
MSISDN		Windows域	
用户IP地址		用户MAC地址	
设备NAT IP地址		客户账号本号	
代理类型	H3C	计费会话标识	0000000720190225122348000038f08100236
终端类型	设备基本型	终端厂商	Apple
终端操作系统	iPhone	IMEI号码	
设备序列号			

过程分析

首先从这个用户名看，这不应该是微信认证，微信认证应该是一串长英文字母，怀疑此为微信认证的临时账号，临时账号会有单次最大时长限制，

怀疑微信认证绑定策略问题

单看该账号，这个账号应该是绑定策略中设置该参数导致

首先在 12: 26分 时 "A8-BE-27-B4-92-68".该终端上线

%% 2019-02-25 12:26:09.191 ; [LDBG] ; [10168] ; LAN ; 224488 ; 4 ; e238b04d17644c0a99b15fa4e634fc40 ; Received message from 192.168.1.254: CODE = 4.

ID = 79.

ATTRIBUTES:

- User-Name(1) = "224488".
- NAS-Identifier(32) = "H3C".
- NAS-Port(5) = 16777392.
- NAS-Port-Type(61) = 19.
- Framed-Protocol(7) = 255.
- NAS-Port-Id(87) = "0100000000000176".
- NAS-IP-Address(4) = 3232236030.
- Calling-Station-Id(31) = "A8-BE-27-B4-92-68".
- Called-Station-Id(30) = "44-1A-FA-84-99-B0:JY-guest".
- Framed-IP-Address(8) = 2886774838.
- Acct-Session-Id(44) = "0000000720190225122348000038f08100236".
- Class(25) = "MHQRwbOZ".
- hw_IP_Host_Addr(60) = "172.16.176.54 a8:be:27:b4:92:68".
- hw_User_Notify(61) = "6."
- Acct-Authentic(45) = 1.
- Acct-Status-Type(40) = 1.
- Acct-Delay-Time(41) = 0.
- Event-Timestamp(55) = 1551097428.
- hw_Product_ID(255) = "H3C WX2560H".
- hw_Nas_Startup_Timetamp(59) = 1550936242.

12: 31分下线

%% 2019-02-25 12:31:09.338 ; [LDBG] ; [10168] ; LAN ; 224488 ; 4 ; b9088b7cbe0f4a4e84dfa5ec0b07fce7 ; Received message from 192.168.1.254: CODE = 4.

ID = 131.

ATTRIBUTES:

- User-Name(1) = "224488".
- NAS-Identifier(32) = "H3C".
- NAS-Port(5) = 16777392.

NAS-Port-Type(61) = 19.
NAS-Port-Id(87) = "0100000000000176".
NAS-IP-Address(4) = 3232236030.
Framed-Protocol(7) = 255.
Calling-Station-Id(31) = "A8-BE-27-B4-92-68".
Called-Station-Id(30) = "44-1A-FA-84-99-B0:JY-guest".
Framed-IP-Address(8) = 2886774838.
Acct-Session-Id(44) = "00000007201902251223480000038f08100236".
Acct-Session-Time(46) = 300.
Acct-Input-Octets(42) = 2573111.
Acct-Output-Octets(43) = 32894604.
Acct-Input-Packets(47) = 20667.
Acct-Output-Packets(48) = 26550.
Acct-Input-Gigawords(52) = 0.
Acct-Output-Gigawords(53) = 0.
Acct-Terminate-Cause(49) = 5.
Class(25) = "MHQRwbOZ".
hw_User_Notify(61) = "[.".
hw_IP_Host_Addr(60) = "172.16.176.54 a8:be:27:b4:92:68".
Acct-Authentic(45) = 1.
Acct-Status-Type(40) = 2.

从报文中看上线时间限制

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%% 2019-02-25 12:31:09.334 ; [LDBG] ; [5724] ; LAN ; c.getUsrSrvInfoById: end OK.  
%% 2019-02-25 12:31:09.334 ; [LDBG] ; [5724] ; LAN ; lanAcctUpd.acctSrvChk: doing chkBlacklist  
OK.  
%% 2019-02-25 12:31:09.334 ; [WARN] ; [5724] ; LAN ; UsrSvc.calcUsrSessQuan: user[id:3] is out  
of online time limit.  
%% 2019-02-25 12:31:09.334 ; [WARN] ; [5724] ; LAN ; lanAcctUpd.acctSrvChk: fail to call usrSvc.c  
alcUsrSessQuantity. errCode: 63639.  
%% 2019-02-25 12:31:09.334 ; [ERR] ; [5724] ; LAN ; lanAcctUpd.execCharging: Fail to call acctSrv  
Check. errCode: 63639  
%% 2019-02-25 12:31:09.334 ; [ERR] ; [5724] ; LAN ; lanAcctUpd.exec: failed to exec charging, errC  
ode: 63639.
```

The screenshot shows a configuration page for a user profile. The '组织信息' (Organization Information) section contains various settings. The '单次最大在线时间(分钟)' (Maximum online time per session in minutes) field is highlighted with a red box, indicating it is the focus of the solution. Other visible fields include '接入时段' (Access time), '下行速率(Kbps)' (Downstream rate), '优先级' (Priority), '选择EAP类型' (Select EAP type), 'EAP认证' (EAP authentication), '下发地址池' (Distribute address pool), '下发User Profile' (Distribute User Profile), '下发ACL' (Distribute ACL), '下发VLAN' (Distribute VLAN), '下发VLAN名称' (Distribute VLAN name), '认证码方式' (Authentication code method), and '认证码' (Authentication code).

解决方法

将服务进行调整，临时账号与微信认证区分