

知 IMC EIA V7 uam进程正常，但是认证失败，抓包eia服务器一直回应不可达

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组网及说明

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## 问题描述

IMC EIA V7 uam进程正常，但是认证失败，抓包显示服务器一直回应端口不可达

3-05-22 20:15:17.66290000	12.10.2.19	12.10.8.7	UDP	441 Access-Request (1d=47, l=161)
3-05-22 20:15:17.925290758	12.10.8.7	12.10.2.19	RADIUS	215 Access-Request(1) (1d=47, l=161)
3-05-22 20:15:17.926134000	12.10.8.7	12.10.2.19	ICMP	215 Access-Request (1d=47, l=161) [Rcv=0]
3-05-22 20:15:17.926134341	12.10.8.7	12.10.2.19	RADIUS	215 Access-Request(1) (1d=48, l=161)
3-05-22 20:15:18.026134341	12.10.8.7	12.10.2.19	ICMP	215 Access-Request (1d=48, l=161) [Rcv=0]
3-05-22 20:15:18.301741897	12.10.8.7	12.10.2.19	RADIUS	271 Accounting-Request(4) (1d=132, l=217), Duplicate Request ID:132
3-05-22 20:15:18.853313982	12.10.8.7	12.10.2.19	RADIUS	215 Access-Request(1) (1d=49, l=161)
3-05-22 20:15:18.853313982	12.10.8.7	12.10.2.19	ICMP	215 Access-Request (1d=49, l=161) [Rcv=0]
3-05-22 20:15:18.954163304	12.10.8.7	12.10.2.19	RADIUS	216 Access-Request(1) (1d=50, l=162)
3-05-22 20:15:19.97282971	12.10.8.7	12.10.2.19	RADIUS	215 Access-Request(1) (1d=51, l=163)
3-05-22 20:15:21.008491571	12.10.8.7	12.10.2.19	ICMP	215 Access-Request (1d=52, l=163) [Rcv=0]
3-05-22 20:15:21.008491571	12.10.8.7	12.10.2.19	RADIUS	215 Access-Request(1) (1d=52, l=161)

## 过程分析

### 1、检查端口监听正常，防火墙也没有开启

```
oot@192.168.1.100:~# systemctl status firewalld
firewalld.service - firewalld - dynamic firewall daemon
Loaded: loaded (/usr/lib/systemd/system/firewalld.service; disabled; vendor preset: enabled)
Active: inactive (dead)
Docs: man:firewalld(1)
```

### 2、检查uam debug日志也没有有效的记录，无明细日志

```
%% 2023-05-22 17:46:56.269 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:46:59.271 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:02.273 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:04.806 ; [LDBG] ; [1063249664] ; MemSync ; updRecordTblTimer: nothing to
update in the tb-upd-record.
```

```
%% 2023-05-22 17:47:05.275 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:08.196 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:11.198 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:14.201 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:17.203 ; [LDBG] ; [1989461760] ; mon echo
%% 2023-05-22 17:47:20.205 ; [LDBG] ; [1989461760] ; mon echo
```

### 3、检查server-addr.xml文件，发现里面uam绑定的地址 不是设备发报文的uam的实际地址，导致我们监听的ip和设备发报文的ip对不上，虽然端口在，但是还是有问题，因此一定要保证整个ip和设备发送aduis报文的ip一致

```
</component>
<component address="127.0.0.1" id="iMC-PLAT">
  <db-config address="127.0.0.1" dbname="imcdb" password="-67-85-66-29
onfig"/>
</component>
<component address="127.0.0.1" id="iMC-REPORT">
  <db-config address="127.0.0.1" dbname="imcdb" password="-67-85-66-29
tplat"/>
  <db-config address="127.0.0.1" dbname="imcdb" password="-67-85-66-29
t"/>
</component>
<component address="127.0.0.1" id="iMC-RestPlugin"/>
<component address="127.0.0.1" id="iMC-SCC"/>
<component address="127.0.0.1" id="iMC-UAM">
  <db-config address="127.0.0.1" dbname="imcdb" password="-67-85-66-29
>
  <custom-addr name="CAMSSERVER_IP" value="127.0.0.1"/>
  <custom-addr name="CAMSSERVER_IPV6" value=""/>
  <custom-addr name="PLAT_DATABASE_ADDRESS" value="127.0.0.1"/>
  <custom-addr name="UAM_PROC_ID" value="0x64"/>
</component>
<component address="127.0.0.1" id="iMC-UAM-PS">
  <custom-addr name="EAD_SERVER_IP" value="127.0.0.1"/>
  <custom-addr name="EADSERVER_IPV6" value=""/>
</component>
<component address="127.0.0.1" id="iMC-UAM-SSV">
  <custom-addr name="PUB_SELFSEERVICE_IP_ADDRESS" value="127.0.0.1"/>
  <custom-addr name="PUBSELFSEERVICE_IPV6_ADDRESS" value=""/>
</component>
<component address="127.0.0.1" id="iMC-VLAN">
  <db-config address="127.0.0.1" dbname="imcdb" password="-67-85-66-29
tan"/>
```

#### 解决方法

修改server-address.xml文件里面uam绑定的地址，将绑定的地址和实际设备配置的地址保证一样，现场文件里面绑定的地址是127的地址，改成实际地址后重启uam进程即可

```
root@U17-F4P57B-P1:/root# netstat -ano | grep 1813  
udp        0      0 127.0.0.1:1813      0.0.0.0:*
```

