

问题描述

现场配置vrrp, vrrp邻居正常建立之后display vrrp verbose查看查看vrrp状态时发现vrrp的虚mac显示异常, 如下图

```
<XFX-XMB-LF\BG-RT01>dis vrrp verbose
IPv4 Virtual Router Information:
Running mode      : Standard
Total number of virtual routers : 4
Interface GigabitEthernet0/1
VRID              : 1
Admin Status     : Up
Config Pri       : 254
Preempt Mode     : Yes
Auth Type        : Not supported
Version          : 3
Virtual IP       : 10.139.137.1
Virtual MAC      : ICANN 00-0101
Master IP        : 10.139.137.2
VRRP Track Information:
Track Object     : 1
State            : Positive
Pri Reduced     : 200

Interface GigabitEthernet0/1
VRID              : 2
Admin Status     : Up
Config Pri       : 254
Preempt Mode     : Yes
Auth Type        : Not supported
Version          : 3
Virtual IP       : 10.139.138.1
Virtual MAC      : ICANN 00-0102
Master IP        : 10.139.137.2
VRRP Track Information:
Track Object     : 1
State            : Positive
Pri Reduced     : 200

Interface GigabitEthernet0/1
VRID              : 3
Admin Status     : Up
Config Pri       : 254
Preempt Mode     : Yes
Auth Type        : Not supported
Version          : 3
Virtual IP       : 10.139.139.1
Virtual MAC      : ICANN 00-0103
Master IP        : 10.139.137.2
VRRP Track Information:
Track Object     : 1
State            : Positive
Pri Reduced     : 200
```

## 过程分析

现场反馈诊断信息，查看诊断中的vrrp状态是正常的，如下图

```
=====display vrrp verbose=====
IPv4 Virtual Router Information:
Running mode    : Standard
Total number of virtual routers : 2
Interface GigabitEthernet0/1
  VRID          : 1          Adver Timer : 100
  Admin Status  : Up         State       : Master
  Config Pri    : 254        Running Pri  : 254
  Preempt Mode  : Yes        Delay Time  : 0
  Auth Type     : Not supported
  Version       : 3
  Virtual IP    : 10.139.135.1
  Virtual MAC   : 0000-5e00-0101
  Master IP     : 10.139.135.2
VRRP Track Information:
  Track Object  : 1          State : Positive  Pri Reduced : 200

Interface GigabitEthernet0/3
  VRID          : 2          Adver Timer : 100
  Admin Status  : Up         State       : Backup
  Config Pri    : 100        Running Pri  : 100
  Preempt Mode  : Yes        Delay Time  : 0
  Become Master : 3080ms left
  Auth Type     : Not supported
  Version       : 3
  Virtual IP    : 10.138.134.65
  Master IP     : 10.138.134.67
```

#### 解决方法

经产品线协助确认，显示异常的 ICANN就是对应着vrrp虚mac固定字段0000-5e，因此怀疑是现场使用的登录设备的工具的显示问题，非故障。

