

知 某局点U-Center2.0个别网络设备接口未监控

U-Center 2.0 龚文文 2023-06-30 发表

组网及说明

不涉及

告警信息

不涉及

问题描述

某局点使用U-Center2.0 network组件监控网络设备，客户发现有台设备的接口是UP状态，也有流量（即接口收发速率不为0），但是发现设备监控详情中却没有这个接口的性能实例，其他接口又都是正常的。



过程分析

1、一开始怀疑是设备未返回该接口实例的性能数据，在UC后台用snmpwalk测试发现实际是有返回的

```
[root@ ~]# snmpwalk -v 2c -c 1.3.6.1.2.1.2.2.1.16
IF-MIB::ifOutOctets.1 = Counter32: 0
IF-MIB::ifOutOctets.2 = Counter32: 4224443640
IF-MIB::ifOutOctets.3 = Counter32: 1832902291
IF-MIB::ifOutOctets.4 = Counter32: 3881583850
IF-MIB::ifOutOctets.5 = Counter32: 3336596353
IF-MIB::ifOutOctets.6 = Counter32: 2871
IF-MIB::ifOutOctets.7 = Counter32: 1247780839
IF-MIB::ifOutOctets.8 = Counter32: 4254064752
IF-MIB::ifOutOctets.9 = Counter32: 3310600617
IF-MIB::ifOutOctets.10 = Counter32: 630127684
IF-MIB::ifOutOctets.11 = Counter32: 771692913
IF-MIB::ifOutOctets.12 = Counter32: 4198563338
IF-MIB::ifOutOctets.13 = Counter32: 257043494
IF-MIB::ifOutOctets.14 = Counter32: 3574642149
IF-MIB::ifOutOctets.15 = Counter32: 2818815207
013-12-29 10:26 root root -rw-r--r-- : 1315025978
: 181886866
IF-MIB::ifOutOctets.18 = Counter32: 3549919878
IF-MIB::ifOutOctets.19 = Counter32: 3854532448
IF-MIB::ifOutOctets.20 = Counter32: 3635335912
IF-MIB::ifOutOctets.21 = Counter32: 3716575498
IF-MIB::ifOutOctets.22 = Counter32: 3938127528
IF-MIB::ifOutOctets.23 = Counter32: 3442806425
IF-MIB::ifOutOctets.24 = Counter32: 3270519395
IF-MIB::ifOutOctets.25 = Counter32: 3249979329
IF-MIB::ifOutOctets.26 = Counter32: 2893025209
IF-MIB::ifOutOctets.27 = Counter32: 1034059759
IF-MIB::ifOutOctets.28 = Counter32: 38267220
IF-MIB::ifOutOctets.29 = Counter32: 3853804068
IF-MIB::ifOutOctets.30 = Counter32: 69496396
IF-MIB::ifOutOctets.31 = Counter32: 3447439326
IF-MIB::ifOutOctets.32 = Counter32: 3352775228
IF-MIB::ifOutOctets.33 = Counter32: 1378604466
IF-MIB::ifOutOctets.34 = Counter32: 1586665294
IF-MIB::ifOutOctets.35 = Counter32: 2082891565
IF-MIB::ifOutOctets.36 = Counter32: 1004094641
IF-MIB::ifOutOctets.37 = Counter32: 0
IF-MIB::ifOutOctets.38 = Counter32: 0
IF-MIB::ifOutOctets.39 = Counter32: 358911153
IF-MIB::ifOutOctets.40 = Counter32: 0
IF-MIB::ifOutOctets.41 = Counter32: 0
IF-MIB::ifOutOctets.42 = Counter32: 0
IF-MIB::ifOutOctets.43 = Counter32: 14946
IF-MIB::ifOutOctets.44 = Counter32: 17576
IF-MIB::ifOutOctets.45 = Counter32: 209354858
```

2、手动重新启用一次监控，该接口可以成功监控上

3、和现场确认，该接口之前是down的。因此问题基本可以确认是由于监控选项的配置导致的。系统默认是只监控UP状态接口，该接口之前是down的，导致默认未加入监控，后续变为UP了，但也不会自动再纳入监控。

监控选项

全部接口

只监视UP状态接口

只监视物理接口

监视UP状态的物理接口

确定

解决方法

手动对设备重新启用一次监控即可，或者修改监控选项为全部接口，这样后续新加入设备或者对设备重新启用监控，无论接口是UP还是DOWN，都会纳入监控

