

# 知 某局点S12504X-AF trap oid查询不到案例分析

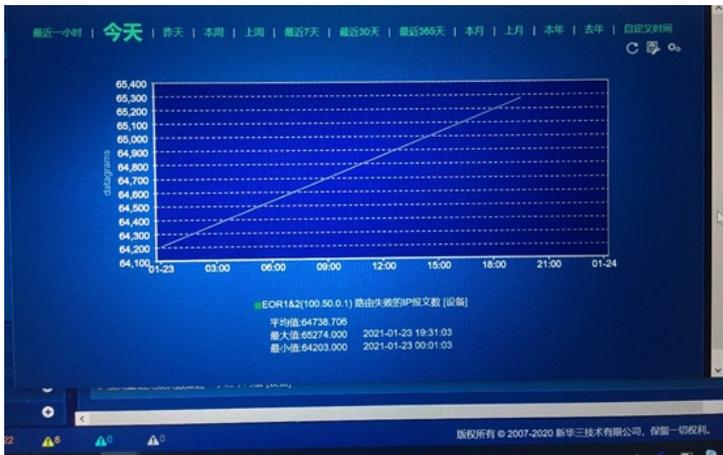
SNMP 于欣欣 2021-02-22 发表

组网及说明

不涉及组网

## 问题描述

客户用imc监控时添加了指标：路由失败的ip报文数。发现这个指标统计6w+, 但不了解该指标意义, 是否对业务上有影响?



## 过程分析

1、在imc上查询，该告警具体信息如下，OID为1.3.6.1.4.1.25506.4.1.2.2.0.8。

但是，进一步确认，trap告警中找不到该OID，snmp中也没有该OID

```
C:\Users\Administrator> snmpwalk -c public -v 2c 172.31.2.21 1.3.6.1.4.1.25506.4.1.2.2.0.8
Cannot find module (IP-MIB): At line 0 in (none)
Cannot find module (IP-MIB): At line 0 in (none)
Cannot find module (TCP-MIB): At line 0 in (none)
Cannot find module (UDP-MIB): At line 0 in (none)
Cannot find module (HOST-RESOURCES-MIB): At line 0 in (none)
Cannot find module (SNMPv2-MIB): At line 0 in (none)
Cannot find module (SNMPv2-SMI): At line 0 in (none)
Cannot find module (NOTIFICATION-LOG-MIB): At line 0 in (none)
Cannot find module (UCD-SNMP-MIB): At line 0 in (none)
Cannot find module (UCD-DEMO-MIB): At line 0 in (none)
Cannot find module (SNMP-TARGET-MIB): At line 0 in (none)
Cannot find module (NET-SNMP-AGENT-MIB): At line 0 in (none)
Cannot find module (DISMAN-EVENT-MIB): At line 0 in (none)
Cannot find module (SNMP-VIEW-BASED-ACM-MIB): At line 0 in (none)
Cannot find module (SNMP-COMMUNITY-MIB): At line 0 in (none)
Cannot find module (UCD-DLMOD-MIB): At line 0 in (none)
Cannot find module (SNMP-FRAMEWORK-MIB): At line 0 in (none)
Cannot find module (SNMP-MPD-MIB): At line 0 in (none)
Cannot find module (SNMP-USER-BASED-SM-MIB): At line 0 in (none)
Cannot find module (SNMP-NOTIFICATION-MIB): At line 0 in (none)
Cannot find module (SNMPv2-TR): At line 0 in (none)
iso.3.6.1.4.1.25506.4.1.2.2.0.8 = No Such Object available on this agent at this OID
```

2、经一步找IMC侧确认，1.3.6.1.4.1.25506.4.1.2.2.0.8这个oid并不是设备上mib节点的oid，而是IMC里面定义的一个trap oid，MC里面所有性能多级阈值告警都是用这个trap oid发的，路由失败的ip报文数实际上读的是1.3.6.1.2.1.4.12这个oid，可以参考如下性能指标公式

3078 路由失败的IP报文数 因为不存在路由进行转发而丢弃的IP报文数。 0 1 4.1.3.6.1.2.1.4.12

## 解决方法

经一步找IMC侧确认，1.3.6.1.4.1.25506.4.1.2.2.0.8这个oid并不是设备上mib节点的oid，而是iMC里面定义的一个trap oid，MC里面所有性能多级阈值告警都是用这个trap oid发的，路由失败的ip报文数实际上读的是1.3.6.1.2.1.4.12这个oid

