

知 mib 参数含义确认 hh3cEntityExtErrorStatus

SNMP 王昕宇 2023-05-05 发表

组网及说明

不涉及

告警信息

不涉及

#### 问题描述

Snmp如下含义咨询，没有找到5对应的含义

;hh3cEntityExtErrorStatus(1.3.6.1.4.1.25506.2.6.1.1.1.1.19.9874)=5

## 过程分析

从mib browser看了下这个节点的内容，error status = 5表示光功率临近阈值。这个信息在mib手册没找到，不过网管在解析mib库时应该能获取到这个信息，估计现网网管没做完整的解析。

，这个mib要导入到网管软件上，网管软件自己就能识别出来，

目前没有文档说明这个参数的意义，需要网管设备来识别，然后在网管设备上查看

[https://www.h3c.com/cn/d\\_201806/1089291\\_473262\\_0.htm](https://www.h3c.com/cn/d_201806/1089291_473262_0.htm)

Name: hh3cEntityExtErrorStatus

Type: OBJECT-TYPE

OID: 1.3.6.1.4.1.25506.2.6.1.1.1.19

Full path:

iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).hh3c(25506).hh3cCommon(2).hh3cEntityExt  
d(6).hh3cEntityExtObjects(1).hh3cEntityExtState(1).hh3cEntityExtStateTable(1).hh3cEntityExtStateEnt  
ry(1).hh3cEntityExtErrorStatus(19)

Module: HH3C-ENTITY-EXT-MIB

Parent: hh3cEntityExtStateEntry

Prev sibling: hh3cEntityExtMacAddress

Next sibling: hh3cEntityExtCpuMaxUsage

Numerical syntax: Integer (32 bit)

Base syntax: INTEGER

Composed syntax: INTEGER

Status: current

Max access: read-only

Value list: 1: notSupported(1)

2: normal(2)

3: postFailure(3)

4: entityAbsent(4)

5: nearThresholdError(5)//

6: poeError(11)

7: stackError(21)

8: stackPortBlocked(22)

9: stackPortFailed(23)

10: sfpRecvError(31)

11: sfpSendError(32)

12: sfpBothError(33)

13: fanError(41)

14: psuError(51)

15: rpsError(61)

16: moduleFaulty(71)

17: sensorError(81)

18: hardwareFaulty(91)

Description: Indicate the error state of this entity object. Now it only supports Port, general power supply, RPS power supply and board/Subcard. It may have one of these values.

The following four values can be used for all kinds of entities.

notSupported(1) means this entity cannot support this function.

normal(2) means the statement of this entity is normal. for ports, it doesn't differentiate 10M/s, 100M/s, 1000M/s, duplex and half-duplex. For fan, power supply and board-Subcard, it means their states are normal.

postFailure(3) means the entity fails to POST.

entityAbsent(4) means the entity is absent now.

nearThresholdError(5) means the transceiver power reaches 3dB to the threshold.

The following values is depended on the entity.

For Port entities, it may have the following values. If its POST is failure, then the value of the instance will be postFailure(3), otherwise the value will be normal(2).

If enable power supply over Ethernet on this port is failure, the value of this instance will be poeError(11), otherwise it will

