

知 某局点报vsi资源不足告警

软件问题 贾珊珊 2024-02-23 发表

组网及说明

不涉及

告警信息

[10:06:37:065]%Feb 20 17:20:51:949 2024 South-Africa_S5560X RESMON/2/RESMON_USEDUP: -Resource=vsi-Total=1-Used=1-Free=0; Resources used up.

[10:06:37:141]%Feb 20 17:48:19:674 2024 South-Africa_S5560X RESMON/2/RESMON_USEDUP: -Slot=2; -Resource=vsi-Total=1-Used=1-Free=0; Resources used up.

问题描述

网管系统上有RESMON/2/RESMON_USEDUP日志告警，报vsi资源不足

Severity	1 OR 2	
_time	severity	_raw
2024-02-20 17:48:19	2	<162>1 2024-02-20T17:48:19+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Slot*2; -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-20 17:20:51	2	<162>1 2024-02-20T17:20:51+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-19 17:48:19	2	<162>1 2024-02-19T17:48:19+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Slot*2; -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-19 17:20:51	2	<162>1 2024-02-19T17:20:51+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-18 17:48:20	2	<162>1 2024-02-18T17:48:20+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Slot*2; -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-18 17:20:51	2	<162>1 2024-02-18T17:20:51+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-17 17:48:20	2	<162>1 2024-02-17T17:48:20+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Slot*2; -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-17 17:48:20	2	<162>1 2024-02-17T17:48:20+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Slot*2; -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-17 17:20:51	2	<162>1 2024-02-17T17:20:51+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.
2024-02-17 17:20:51	2	<162>1 2024-02-17T17:20:51+08:00 South-Africa_S5560X %S10RESMON/2/RESMON_USEDUP - - - -Resource=vsi-Total*1-Used*1-Free*0; Resources used up.

过程分析

RESMON_USEDUP_RECOVERY

日志内容 -Resource=[STRING]-Total=[STRING]-Used=[STRING]-Free=[STRING]; Free resource increased from zero up. [STRING].

参数解释 \$1: 资源名称

\$2: 资源总个数，当以绝对值显示时为INT32数值；当以百分比显示时为100%

\$3: 当前使用的资源个数，当以绝对值显示时为INT32数值；当以百分比显示时为xx%

\$4: 当前剩余的资源个数，当以绝对值显示时为INT32数值；当以百分比显示时为xx%

\$5: 产品对资源使用附加信息，可能为空

日志等级 5

举例 RESMON/5/RESMON_USEDUP_RECOVER: -Resource=AA-Total=100%-Used=96%-Free=4%; Free resource increased from zero up.

日志说明 当资源处于用完状态，且资源被释放，则解除用完状态，并输出该日志

处理建议 无

通过查看硬件的模式，

```
10:06:13:314] =====display switch-mode status=====
```

```
[10:06:13:325] Switch-mode in use: NORMAL MODE(default).
```

```
[10:06:13:325] Switch-mode for next reboot: NORMAL MODE(default).
```

设备硬件模式是normal模式，这个模式下理论上不会用到vsi资源

解决方法

设备版本问题，升级推荐版本即可

1. 202311180396

- 问题现象：设备工作在normal模式下，原本无法创建VSI，但还是出现VSI资源不足的告警。
- 问题产生条件：设备开启了告警打印。