

技术不在ASR5500 : Bad电压报警 , 低压错误

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简介

本文描述如何解决坏电压报警和低压错误问题。

问题 : Bad电压和低压错误

显示零的电压的Syslog

```
[drvctrl 39008 error] [6/0/13445 <hwctrl:0> hwctrl_msgs.c:501] [software internal system syslog] [DRIVER CONTROLLER] Low voltage error at card 5 with voltage (CPU0 VTT) current 0.000000 V low 0.839000 V high 1.277000 V.
```

显示卡信息报告“Bad *** ALARM ***”在电压部分

```
[local]# show card info 5
Card 5:
Slot Type           : MMIO
Card Type           : Management & 20x10Gb I/O Card
Daughter Cards      : DC1 DC2
Operational State   : Standby
Redundant With      : 6
Framing Mode        : Unspecified
Last State Change   : Wednesday April 13 02:03:56 PDT 2016
Administrative State : Enabled
Card Lock           : Locked
Reboot Pending      : No
Upgrade In Progress : No
Card Usable         : Yes
Single Point of Failure : n/a
Temperature         : Normal
Voltages           : Bad ***ALARM***
Card LEDs           : Run/Fail: Green | Active: Off | Redundant: Green
Card LEDs           : Master: Off
CPU 0               : Diags/Kernel Running, Tasks Running
Error ID Log        : None
Boot Progress Log   : None
```

请验证显示卡diag输出它显示好电压的看起来。

```
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Slot Type           : MMIO
Card Type           : Management & 20x10Gb I/O Card
Daughter Cards      : DC1 DC2
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Administrative State      : Enabled
Card Lock                 : Locked
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Upgrade In Progress      : No
Card Usable               : Yes
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Temperature               : Normal
Voltages                : Bad ***ALARM***
Card LEDs                 : Run/Fail: Green | Active: Off   | Redundant: Green
Card LEDs                 : Master:   Off
CPU 0                    : Diags/Kernel Running, Tasks Running
Error ID Log              : None
Boot Progress Log        : None
```

解决方案

这不是硬件问题，不请RMA卡-报警和系统日志错误是令人误解的。请参考的bug [CSCuz23239](#)。电压错误未正确地清除错误/报警显示的由于。我们看到问题，当卡在一次上一个卡重置以后时成功启动或关闭导致临时或竞争状态电压读。

应急方案：重新安装卡(被放卡到待机在重新安装前至于请避免流量影响)

修正[CSCuz23239](#)包括到21.0及以后SW。