

# FirePOWER设备变得冻结在尝试以后启动它到单个用户模式

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## 简介

在您启动一个FirePOWER设备使用单个用户模式，它可以看上去冻结后。本文描述如何排除故障此。

## 症状

- 在启动到单个用户模式以后，系统变得冻结在显示init (API7.14) 一个消息以后。

*(Previous messages are truncated)*

```
kjournald starting. Commit interval 5 seconds
EXT3-fs (sda5): mounted filesystem with writeback data mode
VFS: Mounted root (ext3 filesystem) readonly on device 8:5.
Freeing unused kernel memory: 488k freed
Adding 1044220k swap on /dev/sda2. Priority:-1 extents:1
across:1044220k SS
EXT3-fs (sda5): using internal journal
EXT2-fs (sda1): warning: mounting ext3 filesystem as ext2
EXT2-fs (sda7): warning: mounting ext3 filesystem as ext2
fuse init (API version 7.14)
```

*(no more output)*

例如，这是从遇到此问题的设备的一输出：

```
COM1 - PuTTY
802.1Q VLAN Support v1.8 Ben Greear <greearb@candelatech.com>
All bugs added by David S. Miller <davem@redhat.com>
SCTP: Hash tables configured (established 65536 bind 65536)
EXT3-fs: barriers not enabled
kjournald starting. Commit interval 5 seconds
EXT3-fs (sda5): mounted filesystem with writeback data mode
VFS: Mounted root (ext3 filesystem) readonly on device 8:5.
Freeing unused kernel memory: 456k freed
usb 2-5: new high speed USB device using ehci_hcd and address 2
scsi5 : usb-storage 2-5:1.0
usb 5-1: new full speed USB device using uhci_hcd and address 2
Adding 1044220k swap on /dev/sda2. Priority:-1 extents:1 across:1044220k
input: American Megatrends Inc. Virtual Keyboard and Mouse as /devices/pci0000:00/0000:00:1a.2/usb5/5-1/5-1:1.0/input/input2
generic-usb 0003:046B:FF10.0001: input: USB HID v1.10 Keyboard [American Megatrends Inc. Virtual Keyboard and Mouse] on usb-0000:00:1a.2-1/input0
input: American Megatrends Inc. Virtual Keyboard and Mouse as /devices/pci0000:00/0000:00:1a.2/usb5/5-1/5-1:1.1/input/input3
generic-usb 0003:046B:FF10.0002: input: USB HID v1.10 Mouse [American Megatrends Inc. Virtual Keyboard and Mouse] on usb-0000:00:1a.2-1/input1
scsi 5:0:0:0: Direct-Access          USB DISK MODULE  PMAP PQ: 0 ANSI: 0 CCS
sd 5:0:0:0: [sdb] 4024320 512-byte logical blocks: (2.06 GB/1.91 GiB)
sd 5:0:0:0: [sdb] Write Protect is off
sd 5:0:0:0: [sdb] Assuming drive cache: write through
sd 5:0:0:0: [sdb] Assuming drive cache: write through
   sdb: sdb1
sd 5:0:0:0: [sdb] Assuming drive cache: write through
sd 5:0:0:0: [sdb] Attached SCSI removable disk
EXT3-fs (sda5): using internal journal
EXT2-fs (sda1): warning: mounting ext3 filesystem as ext2
EXT2-fs (sda7): warning: mounting ext3 filesystem as ext2
fuse init (API version 7.14)
```

- 在启动期间，FirePOWER设备检测USB驱动程序。如果成功驱动程序负载，您将注意消息类似于以下：

```
USB Serial support registered for FTDI USB Serial Device
ftdi_sio 4-1:1.0: FTDI USB Serial Device converter detected
usb 4-1: Detected FT232RLusb 4-1: Number of endpoints 2
usb 4-1: Endpoint 1 MaxPacketSize 64
usb 4-1: Endpoint 2 MaxPacketSize 64
usb 4-1: Setting MaxPacketSize 64
usb 4-1: FTDI USB Serial Device converter now attached to ttyUSB0
```

如果驱动程序不能装载，系统暂停并且显示以下错误消息：

```
kernel: usb 5-1: device descriptor read/8, error -110
kernel: usb 5-1: new full speed USB device using uhci_hcd and address 5
kernel: fuse init (API version 7.14)
```

## 解决方案

为了解决此问题，请遵从下面步骤：

**步骤 1：**如果键盘用您的FirePOWER系统，适当地附加请确保。

**步骤 2：**请使用控制台(键盘+VGA)连接到设备。

**步骤 3：**登录设备并且输入：

```
> expert
```

**步骤 4：**运行以下脚本设置控制台为VGA端口。

```
admin@FirePOWER:~$ sudo /usr/local/sf/bin/set_console.sh -c tty0
```

步骤 5：在提示符的回车：

```
Are you sure you want to proceed?
```

```
Yes/No (yes/no): yes
```

步骤 6：在运行上面后命令，请重新启动您的FirePOWER设备对更改生效。

```
admin@FirePOWER:~$ sudo reboot
```

步骤 7：如果set\_console.sh脚本(在步骤4)无法调整此问题，请重新启动设备，并且启动对从引导程序提示符的单个用户模式。例如，在设备运行版本5.2，请运行以下在引导程序提示符：

```
3D-5.2.0 console=tty0 single
```

步骤 8:如果不在上述步骤解决此问题，重新镜像是下一选项卡。