嘗試將FirePOWER裝置引導至單使用者模式後，它將被凍結

目錄

簡介

使用單使用者模式啟動FirePOWER裝置後，它可能會顯示為凍結。本文說明如何對此進行疑難排解。

症狀

- 在引導到單使用者模式後，系統會在顯示Fuse init(API版本7.14)的消息後凍結。

(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，遇到此問題的裝置的輸出如下：

```
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 Keyboar
d 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 a
nd 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)
```

- 啟動期間，FirePOWER裝置會檢測USB驅動程式。如果驅動程式載入成功，您會注意到類似以下內容的消息：

```
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
```

如果驅動程式載入失敗，系統掛起並顯示以下錯誤消息：

```
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)
```

解決方案

為了解決此問題，請按照以下步驟操作：

第1步：確保鍵盤是否正確連線到FirePOWER系統。

第2步：使用控制檯（鍵盤+ VGA）連線到裝置。

步驟3:登入裝置並進入expert模式：

```
> expert
```

第4步：運行以下指令碼將控制檯設定為VGA埠。

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

第5步：顯示提示時輸入yes:

```
Are you sure you want to proceed?
Yes/No (yes/no): yes
```

第6步：運行上述命令後，重新啟動FirePOWER裝置以使更改生效。

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

第7步：如果set_console.sh指令碼（在步驟4中）無法解決此問題，請重新啟動裝置，然後從引導提示符引導至單使用者模式。例如，在執行版本5.2的裝置上，在引導提示符下運行以下命令：

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

第8步：如果上述步驟均不能解決此問題，則下一個選項是重新映像。