



cas cvk主机异常，频繁触发主机fence

刘琪 2021-11-29 发表

组网及说明

cas 0710P11信创版本

问题描述

cas集群一台主机异常，虚拟机HA，主机可以ping通，且未重启。

1、升级hba卡固件版本

Resolution

- Update firmware of the HBA (verified)
- Possibly, switch to RHEL-shipped `qla2xxx` driver would help (unverified)

2、关闭iommu

修改/boot/efi/EFI/centos/grub.conf文件，添加iommu.passthrough=1

```

menuentry 'uninstlinux (4.14.131-generic) Release 1.1.0 (Core)' --class centos --class gnu-linux --class gnu --class os --unrestricted $menuentry_id_option 'gn
ulinux-4.14.131-generic-advanced-8b246819-fcbe-4ae5-9f6d-3982a98b072c' {
  load_video
  set $spayload=keep
  insmod gzio
  insmod part_gpt
  insmod ext2
  set root='hd0,gpt2'
  if [ x$feature_platform_search_hint = xy ]: then
    search --no-floppy --fs-uuid --set=root --hint-bios=hd0,gpt2 --hint-efi=hd0,gpt2 --hint-baremetal=ahci0,gpt2 d7f9a72d-ec74-4302-8e9a-7c2a86a788f7
  else
    search --no-floppy --fs-uuid --set=root d7f9a72d-ec74-4302-8e9a-7c2a86a788f7
  fi
  linuxefi /vmlinuz-4.14.131-generic-advanced-8b246819-fcbe-4ae5-9f6d-3982a98b072c ro rhgb elevator=deadline transparent_hugepage=always net.ifnames=0
  biosdevname=0 crashkernel=259M iommu.passthrough=1 quiet
  initrd /initramfs-4.14.131-generic-adv
}
menuentry 'uninstlinux (0-rescue-e9e0253af63b424cb7b1ec207e4547eb) Release 1.1.0 (Core)' --class centos --class gnu-linux --class gnu --class os --unrestricted
$menuentry_id_option 'gnulinux-0-rescue-e9e0253af63b424cb7b1ec207e4547eb-advanced-8b246819-fcbe-4ae5-9f6d-3982a98b072c' {
  load_video
  insmod gzio
  insmod part_gpt
  insmod ext2
  set root='hd0,gpt2'
  if [ x$feature_platform_search_hint = xy ]: then
    search --no-floppy --fs-uuid --set=root --hint-bios=hd0,gpt2 --hint-efi=hd0,gpt2 --hint-baremetal=ahci0,gpt2 d7f9a72d-ec74-4302-8e9a-7c2a86a788f7
  else
    search --no-floppy --fs-uuid --set=root d7f9a72d-ec74-4302-8e9a-7c2a86a788f7
  fi
  linuxefi /vmlinuz-0-rescue-e9e0253af63b424cb7b1ec207e4547eb root=UUID=8b246819-fcbe-4ae5-9f6d-3982a98b072c ro rhgb elevator=deadline transparent_hu
page=always net.ifnames=0 biosdevname=0 crashkernel=259M quiet
  initrd /initramfs-0-rescue-e9e0253af63b424cb7b1ec207e4547eb.img
}
### END /etc/grub.d/10_linux ###

```

重启cvk主机

