

Thread A (sys_ioctl)

```
/* fd_install() function */  
A1  smp_store_release(fdt->fd[fd], file);  
  
/* kvm_get_kvm() function */  
A2  if (kvm->refcnt == 0)  
A3      BUG();  
A4  atomic_inc(kvm->refcnt);
```

Thread B (sys_close)

```
/* close_fd() function */  
B1  file = smp_load_acquire(fdt->fd[fd]);  
B2  if (!file)  
B3      return;  
  
/* kvm_put_kvm() function */  
B4  if (atomic_dec_and_test(kvm->refcnt))  
B5      destory_vm(kvm);
```