

Input 1	Thread A - mmap() <hr/> A1 alloc->vma = vma; A2 alloc->mm = vma->mm;	Thread B - ioctl(FREE_BUFFER) <hr/> B1 vma = alloc->vma ;
Input 2	Thread A - mmap() <hr/> A1 alloc->vma = vma; A2 alloc->mm = vma->mm;	Thread B - ioctl(REPLY) <hr/> B4 atomic_inc(& alloc->mm ->refcount);
Input 3	Thread A - mmap() <hr/> A1 alloc->vma = vma; A2 alloc->mm = vma->mm;	Thread B - ioctl(TRANSACTION) <hr/> B1 vma = alloc->vma ; B4 atomic_inc(& alloc->mm ->refcount);