

todo.txt.txt

There is a potential for deadlock when allocating a struct sk\_buff for data that needs to be written out to aoe storage. If the data is being written from a dirty page in order to free that page, and if there are no other pages available, then deadlock may occur when a free page is needed for the sk\_buff allocation. This situation has not been observed, but it would be nice to eliminate any potential for deadlock under memory pressure.

Because ATA over Ethernet is not fragmented by the kernel's IP code, the destructor member of the struct sk\_buff is available to the aoe driver. By using a mempool for allocating all but the first few sk\_buffs, and by registering a destructor, we should be able to efficiently allocate sk\_buffs without introducing any potential for deadlock.