NFS Direct I/O

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Client-Side Direct I/O for NFS

- Fast Sequential Read
- No Caching
- No Readahead
- Lock and Map user address in Kernel space
- One less bcopy
- Results in 25 30 % performance gain



Client-Side Direct I/O for NFS

- Mapping only provides 2-5 % gain
- mmap and Direct I/O are mutually exclusive
- Can be turned on via system call or mount option.

