CS 342 Operating Systems Project #4 Report

Bartu Atabek 21602229 Utku Görkem Ertürk 21502497 Section 3

The written app.c program was executed with the following arguments: number of files to be created (N), test case number. During the programs execution the written kernel module was also executed and it's output was observed for different test cases such as creating and writing and reading N files synchronously, writing N files then reading them and after reading completed writing and reading again and finally reading and writing multiple files simultaneously using threads. The observations and outputs of the kernel module were given in the sections below.

Observations

Our kernel module gives us information about the in-memory file structures related to processes, files, file systems and block I/O. In the first part of our program we create given N number of files and then wrote 20,000,00 characters for each file. When we look at the outputted information information such as user's id, process access mode, name of the file were outputted the same as when the module was tested during the read operation. Although these file informations were mostly unchanged we saw a change in the cached blocks of the buffer cache during these operations. Since the purpose of the cache is to store the frequently accessed data faster we saw some blocks cached after they are accessed. In our program we observed that the number of blocks was a number like 39056 during the writing operations however, this number was turned into 0 during the reading operations. From this observations we think that the operating system caches these files while its writing and empties their cache while reading it. Also we observed in our three different test cases that writing and reading multiple files asynchronously versus synchronously also effects the outputted file information since at the time of the module's execution they are reading and writing different amount of files in different orders. Some sample segments from the output of our kernel module are shown below during read and write operations.

Outputs

Output during Write Operation (cropped for space saving)

May 25 15:38:35 ubuntu kernel: [267.472556] fd: 0, current file position ptr: 0, user's id: 0, access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0

```
May 25 15:38:35 ubuntu kernel: [ 267.472563] fd: 1, current file position ptr: 0, user's id: 0,
access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0
May 25 15:38:35 ubuntu kernel: [ 267.472567] fd: 2, current file position ptr: 0, user's id: 0,
access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0
May 25 15:38:35 ubuntu kernel: [ 267.472570] fd: 3, current file position ptr: 19996672, user's
id: 0, access mode:134578206, file name: 0.txt, inode no: 3027378, file length: 19996672, no of
blocks: 39056
May 25 15:38:35 ubuntu kernel: [ 267.472578] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472579] the block number: 3307520,
May 25 15:38:35 ubuntu kernel: [ 267.472580] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472580]
May 25 15:38:35 ubuntu kernel: [ 267.472581] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472583] the block number: 3307521,
May 25 15:38:35 ubuntu kernel: [ 267.472583] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472583]
May 25 15:38:35 ubuntu kernel: [ 267.472585] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472586] the block number: 3307522,
May 25 15:38:35 ubuntu kernel: [ 267.472587] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472587]
May 25 15:38:35 ubuntu kernel: [ 267.472588] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472589] the block number: 3307523,
May 25 15:38:35 ubuntu kernel: [ 267.472590] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472590]
May 25 15:38:35 ubuntu kernel: 267.472591 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472593] the block number: 3307524,
May 25 15:38:35 ubuntu kernel: [ 267.472593] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472593]
May 25 15:38:35 ubuntu kernel: 267.472594 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472596] the block number: 3307525,
May 25 15:38:35 ubuntu kernel: [ 267.472597] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472597]
May 25 15:38:35 ubuntu kernel: [ 267.472598] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472599] the block number: 3307526,
May 25 15:38:35 ubuntu kernel: [ 267.472600] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472600]
May 25 15:38:35 ubuntu kernel: [ 267.472601] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472602] the block number: 3307527,
May 25 15:38:35 ubuntu kernel: [ 267.472603] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472603]
May 25 15:38:35 ubuntu kernel: 267.472604 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472605] the block number: 3307528,
May 25 15:38:35 ubuntu kernel: [ 267.472606] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472606]
May 25 15:38:35 ubuntu kernel: [ 267.472607] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472608] the block number: 3307529,
May 25 15:38:35 ubuntu kernel: [ 267.472609] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472609]
May 25 15:38:35 ubuntu kernel: [ 267.472611] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472612] the block number: 3307530,
May 25 15:38:35 ubuntu kernel: [ 267.472613] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472613]
May 25 15:38:35 ubuntu kernel: [ 267.472614] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472615] the block number: 3307531,
May 25 15:38:35 ubuntu kernel: [ 267.472616] use count: 0
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472616]
May 25 15:38:35 ubuntu kernel: 267.472617 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472618] the block number: 3307532,
May 25 15:38:35 ubuntu kernel: [ 267.472619] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472619]
May 25 15:38:35 ubuntu kernel: 267.472620 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472621] the block number: 3307533,
May 25 15:38:35 ubuntu kernel: [ 267.472622] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472622]
May 25 15:38:35 ubuntu kernel: [ 267.472623] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472625] the block number: 3307534,
May 25 15:38:35 ubuntu kernel: [ 267.472626] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472626]
May 25 15:38:35 ubuntu kernel: [ 267.472627] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472628] the block number: 3307535,
May 25 15:38:35 ubuntu kernel: [ 267.472629] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472629]
May 25 15:38:35 ubuntu kernel: 267.472630 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472631] the block number: 3307536,
May 25 15:38:35 ubuntu kernel: [ 267.472632] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472632]
May 25 15:38:35 ubuntu kernel: [ 267.472633] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472634] the block number: 3307537,
May 25 15:38:35 ubuntu kernel: [ 267.472635] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472635]
May 25 15:38:35 ubuntu kernel: [ 267.472636] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472638] the block number: 3307538,
May 25 15:38:35 ubuntu kernel: [ 267.472638] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472638]
May 25 15:38:35 ubuntu kernel: [ 267.472639] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472641] the block number: 3307539,
May 25 15:38:35 ubuntu kernel: [ 267.472642] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472642]
May 25 15:38:35 ubuntu kernel: [ 267.472643] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472644] the block number: 3307540, May 25 15:38:35 ubuntu kernel: [ 267.472645] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472645]
May 25 15:38:35 ubuntu kernel: [ 267.472646] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472647] the block number: 3307541,
May 25 15:38:35 ubuntu kernel: [ 267.472648] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472648]
May 25 15:38:35 ubuntu kernel: [ 267.472649] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472650] the block number: 3307542,
May 25 15:38:35 ubuntu kernel: [ 267.472651] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472651]
May 25 15:38:35 ubuntu kernel: 267.472652 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472654] the block number: 3307543,
May 25 15:38:35 ubuntu kernel: [ 267.472654] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472654]
May 25 15:38:35 ubuntu kernel: 267.472655 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472657] the block number: 3307544,
May 25 15:38:35 ubuntu kernel: [ 267.472658] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472658]
May 25 15:38:35 ubuntu kernel: [ 267.472659] Storage device the block is in: sda,
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472660] the block number: 3307545,
May 25 15:38:35 ubuntu kernel: [ 267.472661] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472661]
May 25 15:38:35 ubuntu kernel: [ 267.472662] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472663] the block number: 3307546,
May 25 15:38:35 ubuntu kernel: [ 267.472664] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472664]
May 25 15:38:35 ubuntu kernel: [ 267.472665] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472666] the block number: 3307547,
May 25 15:38:35 ubuntu kernel: [ 267.472667] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472667]
May 25 15:38:35 ubuntu kernel: [ 267.472668] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472669] the block number: 3307548,
May 25 15:38:35 ubuntu kernel: [ 267.472670] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472670]
May 25 15:38:35 ubuntu kernel: [ 267.472671] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472672] the block number: 3307549,
May 25 15:38:35 ubuntu kernel: [ 267.472673] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472673]
May 25 15:38:35 ubuntu kernel: [ 267.472674] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472675] the block number: 3307550,
May 25 15:38:35 ubuntu kernel: [ 267.472677] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472677]
May 25 15:38:35 ubuntu kernel: 267.472679 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472680] the block number: 3307551,
May 25 15:38:35 ubuntu kernel: [ 267.472681] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472681]
May 25 15:38:35 ubuntu kernel: 267.472682 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472683] the block number: 3307552,
May 25 15:38:35 ubuntu kernel: [ 267.472684] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472684]
May 25 15:38:35 ubuntu kernel: [ 267.472685] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472686] the block number: 3307553,
May 25 15:38:35 ubuntu kernel: [ 267.472687] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472687]
May 25 15:38:35 ubuntu kernel: [ 267.472688] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472689] the block number: 3307554,
May 25 15:38:35 ubuntu kernel: [ 267.472690] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472690]
May 25 15:38:35 ubuntu kernel: 267.472691 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472692] the block number: 3307555,
May 25 15:38:35 ubuntu kernel: [ 267.472693] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472693]
May 25 15:38:35 ubuntu kernel: [ 267.472694] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472696] the block number: 3307556,
May 25 15:38:35 ubuntu kernel: [ 267.472696] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472696]
May 25 15:38:35 ubuntu kernel: [ 267.472697] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472699] the block number: 3307557,
May 25 15:38:35 ubuntu kernel: [ 267.472700] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472700]
May 25 15:38:35 ubuntu kernel: [ 267.472701] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472702] the block number: 3307558,
May 25 15:38:35 ubuntu kernel: [ 267.472703] use count: 0
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472703]
May 25 15:38:35 ubuntu kernel: 267.472704 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472705] the block number: 3307559,
May 25 15:38:35 ubuntu kernel: [ 267.472706] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472706]
May 25 15:38:35 ubuntu kernel: 267.472707 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472708] the block number: 3307560,
May 25 15:38:35 ubuntu kernel: [ 267.472709] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472709]
May 25 15:38:35 ubuntu kernel: 267.472710 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472711] the block number: 3307561,
May 25 15:38:35 ubuntu kernel: [ 267.472712] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472712]
May 25 15:38:35 ubuntu kernel: [ 267.472713] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472715] the block number: 3307562,
May 25 15:38:35 ubuntu kernel: [ 267.472715] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472715]
May 25 15:38:35 ubuntu kernel: 267.472716 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472718] the block number: 3307563,
May 25 15:38:35 ubuntu kernel: [ 267.472719] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472719]
May 25 15:38:35 ubuntu kernel: [ 267.472720] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472721] the block number: 3307564,
May 25 15:38:35 ubuntu kernel: [ 267.472722] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472722]
May 25 15:38:35 ubuntu kernel: [ 267.472723] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472724] the block number: 3307565,
May 25 15:38:35 ubuntu kernel: [ 267.472725] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472725]
May 25 15:38:35 ubuntu kernel: [ 267.472726] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472727] the block number: 3307566,
May 25 15:38:35 ubuntu kernel: [ 267.472728] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472728]
May 25 15:38:35 ubuntu kernel: [ 267.472729] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472730] the block number: 3307567, May 25 15:38:35 ubuntu kernel: [ 267.472731] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472731]
May 25 15:38:35 ubuntu kernel: [ 267.472732] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472733] the block number: 3307568,
May 25 15:38:35 ubuntu kernel: [ 267.472734] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472734]
May 25 15:38:35 ubuntu kernel: [ 267.472735] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472736] the block number: 3307569,
May 25 15:38:35 ubuntu kernel: [ 267.472737] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472737]
May 25 15:38:35 ubuntu kernel: 267.472738 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472740] the block number: 3307570,
May 25 15:38:35 ubuntu kernel: [ 267.472740] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472740]
May 25 15:38:35 ubuntu kernel: 267.472741 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: 267.472743 the block number: 3307571,
May 25 15:38:35 ubuntu kernel: [ 267.472744] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472744]
May 25 15:38:35 ubuntu kernel: [ 267.472745] Storage device the block is in: sda,
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472746] the block number: 3307572,
May 25 15:38:35 ubuntu kernel: [ 267.472747] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472747]
May 25 15:38:35 ubuntu kernel: [ 267.472748] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472749] the block number: 3307573,
May 25 15:38:35 ubuntu kernel: [ 267.472750] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472750]
May 25 15:38:35 ubuntu kernel: [ 267.472751] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472752] the block number: 3307574,
May 25 15:38:35 ubuntu kernel: [ 267.472753] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472753]
May 25 15:38:35 ubuntu kernel: [ 267.472754] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472755] the block number: 3307575,
May 25 15:38:35 ubuntu kernel: [ 267.472756] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472756]
May 25 15:38:35 ubuntu kernel: [ 267.472757] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472758] the block number: 3307576,
May 25 15:38:35 ubuntu kernel: [ 267.472759] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472759]
May 25 15:38:35 ubuntu kernel: [ 267.472760] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472761] the block number: 3307577,
May 25 15:38:35 ubuntu kernel: [ 267.472762] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472762]
May 25 15:38:35 ubuntu kernel: 267.472763 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472765] the block number: 3307578,
May 25 15:38:35 ubuntu kernel: [ 267.472765] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472765]
May 25 15:38:35 ubuntu kernel: 267.472766 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472768] the block number: 3307579,
May 25 15:38:35 ubuntu kernel: [ 267.472769] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472769]
May 25 15:38:35 ubuntu kernel: [ 267.472770] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472771] the block number: 3307580,
May 25 15:38:35 ubuntu kernel: [ 267.472772] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472772]
May 25 15:38:35 ubuntu kernel: [ 267.472773] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472774] the block number: 3307581,
May 25 15:38:35 ubuntu kernel: [ 267.472776] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472776]
May 25 15:38:35 ubuntu kernel: 267.472777 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472778] the block number: 3307582,
May 25 15:38:35 ubuntu kernel: [ 267.472779] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472779]
May 25 15:38:35 ubuntu kernel: [ 267.472780] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472781] the block number: 3307583,
May 25 15:38:35 ubuntu kernel: [ 267.472782] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472782]
May 25 15:38:35 ubuntu kernel: [ 267.472784] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472785] the block number: 3307584,
May 25 15:38:35 ubuntu kernel: [ 267.472786] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472786]
May 25 15:38:35 ubuntu kernel: [ 267.472787] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472788] the block number: 3307585,
May 25 15:38:35 ubuntu kernel: [ 267.472789] use count: 0
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472789]
May 25 15:38:35 ubuntu kernel: 267.472790 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472791] the block number: 3307586,
May 25 15:38:35 ubuntu kernel: [ 267.472792] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472792]
May 25 15:38:35 ubuntu kernel: 267.472793 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472794] the block number: 3307587,
May 25 15:38:35 ubuntu kernel: [ 267.472795] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472795]
May 25 15:38:35 ubuntu kernel: 267.472796 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472798] the block number: 3307588,
May 25 15:38:35 ubuntu kernel: [ 267.472798] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472798]
May 25 15:38:35 ubuntu kernel: [ 267.472800] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472801] the block number: 3307589,
May 25 15:38:35 ubuntu kernel: [ 267.472802] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472802]
May 25 15:38:35 ubuntu kernel: 267.472803 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472804] the block number: 3307590,
May 25 15:38:35 ubuntu kernel: [ 267.472805] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472805]
May 25 15:38:35 ubuntu kernel: [ 267.472806] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472807] the block number: 3307591,
May 25 15:38:35 ubuntu kernel: [ 267.472808] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472808]
May 25 15:38:35 ubuntu kernel: [ 267.472809] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472810] the block number: 3307592,
May 25 15:38:35 ubuntu kernel: [ 267.472811] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472811]
May 25 15:38:35 ubuntu kernel: [ 267.472812] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472813] the block number: 3307593,
May 25 15:38:35 ubuntu kernel: [ 267.472814] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472814]
May 25 15:38:35 ubuntu kernel: [ 267.472815] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472817] the block number: 3307594, May 25 15:38:35 ubuntu kernel: [ 267.472817] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472817]
May 25 15:38:35 ubuntu kernel: [ 267.472819] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472820] the block number: 3307595,
May 25 15:38:35 ubuntu kernel: [ 267.472821] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472821]
May 25 15:38:35 ubuntu kernel: [ 267.472822] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472823] the block number: 3307596,
May 25 15:38:35 ubuntu kernel: [ 267.472824] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472824]
May 25 15:38:35 ubuntu kernel: 267.472825 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472826] the block number: 3307597,
May 25 15:38:35 ubuntu kernel: [ 267.472827] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472827]
May 25 15:38:35 ubuntu kernel: 267.472828 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472829] the block number: 3307598,
May 25 15:38:35 ubuntu kernel: [ 267.472830] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472830]
May 25 15:38:35 ubuntu kernel: [ 267.472831] Storage device the block is in: sda,
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472832] the block number: 3307599,
May 25 15:38:35 ubuntu kernel: [ 267.472833] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472833]
May 25 15:38:35 ubuntu kernel: [ 267.472834] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472835] the block number: 3307600,
May 25 15:38:35 ubuntu kernel: [ 267.472836] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472836]
May 25 15:38:35 ubuntu kernel: [ 267.472837] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472838] the block number: 3307601,
May 25 15:38:35 ubuntu kernel: [ 267.472839] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472839]
May 25 15:38:35 ubuntu kernel: [ 267.472840] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472841] the block number: 3307602,
May 25 15:38:35 ubuntu kernel: [ 267.472842] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472842]
May 25 15:38:35 ubuntu kernel: [ 267.472843] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472844] the block number: 3307603,
May 25 15:38:35 ubuntu kernel: [ 267.472845] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472845]
May 25 15:38:35 ubuntu kernel: [ 267.472846] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472848] the block number: 3307604,
May 25 15:38:35 ubuntu kernel: [ 267.472848] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472848]
May 25 15:38:35 ubuntu kernel: 267.472849 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472851] the block number: 3307605,
May 25 15:38:35 ubuntu kernel: [ 267.472851] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472851]
May 25 15:38:35 ubuntu kernel: 267.472852 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472854] the block number: 3307606,
May 25 15:38:35 ubuntu kernel: [ 267.472854] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472854]
May 25 15:38:35 ubuntu kernel: [ 267.472855] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472857] the block number: 3307607,
May 25 15:38:35 ubuntu kernel: [ 267.472858] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472858]
May 25 15:38:35 ubuntu kernel: [ 267.472859] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472860] the block number: 3307608,
May 25 15:38:35 ubuntu kernel: [ 267.472861] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472861]
May 25 15:38:35 ubuntu kernel: 267.472862 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472863] the block number: 3307609,
May 25 15:38:35 ubuntu kernel: [ 267.472864] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472864]
May 25 15:38:35 ubuntu kernel: [ 267.472865] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472866] the block number: 3307610,
May 25 15:38:35 ubuntu kernel: [ 267.472867] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472867]
May 25 15:38:35 ubuntu kernel: [ 267.472868] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472869] the block number: 3307611,
May 25 15:38:35 ubuntu kernel: [ 267.472870] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472870]
May 25 15:38:35 ubuntu kernel: [ 267.472871] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472872] the block number: 3307612,
May 25 15:38:35 ubuntu kernel: [ 267.472874] use count: 0
```

```
May 25 15:38:35 ubuntu kernel: [ 267.472874]
May 25 15:38:35 ubuntu kernel: 267.472875 Storage device the block is in: sda.
May 25 15:38:35 ubuntu kernel: [ 267.472876] the block number: 3307613,
May 25 15:38:35 ubuntu kernel: [ 267.472877] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472877]
May 25 15:38:35 ubuntu kernel: 267.472878 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472879] the block number: 3307614,
May 25 15:38:35 ubuntu kernel: [ 267.472880] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472880]
May 25 15:38:35 ubuntu kernel: [ 267.472881] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472882] the block number: 3307615,
May 25 15:38:35 ubuntu kernel: [ 267.472883] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472883]
May 25 15:38:35 ubuntu kernel: [ 267.472884] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472885] the block number: 3307616,
May 25 15:38:35 ubuntu kernel: [ 267.472886] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472886]
May 25 15:38:35 ubuntu kernel: 267.472887 Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472888] the block number: 3307617,
May 25 15:38:35 ubuntu kernel: [ 267.472889] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472889]
May 25 15:38:35 ubuntu kernel: [ 267.472890] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472891] the block number: 3307618,
May 25 15:38:35 ubuntu kernel: [ 267.472892] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472892]
May 25 15:38:35 ubuntu kernel: [ 267.472893] Storage device the block is in: sda,
May 25 15:38:35 ubuntu kernel: [ 267.472894] the block number: 3307619,
May 25 15:38:35 ubuntu kernel: [ 267.472895] use count: 0
May 25 15:38:35 ubuntu kernel: [ 267.472895]
```

Output during Read Operation (cropped for space saving)

```
May 25 15:58:36 ubuntu kernel: [ 1468.209357] fd: 0, current file position ptr: 0, user's id: 0,
access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209364] fd: 1, current file position ptr: 0, user's id: 0,
access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209367] fd: 2, current file position ptr: 0, user's id: 0,
access mode:393219, file name: 1, inode no: 4, file length: 0, no of blocks: 0
May 25 15:58:36 ubuntu kernel: [1468.209369] fd: 3, current file position ptr: 19996672, user's
id: 0, access mode:134578206, file name: 0.txt, inode no: 3027447, file length: 19996672, no of
blocks: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209375] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209375] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209376] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209376]
May 25 15:58:36 ubuntu kernel: [ 1468.209377] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209378] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209379] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209379]
May 25 15:58:36 ubuntu kernel: [ 1468.209380] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209381] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209382] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209382]
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209383] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209384] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209385] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209385]
May 25 15:58:36 ubuntu kernel: [ 1468.209386] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209387] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209388] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209388]
May 25 15:58:36 ubuntu kernel: [ 1468.209389] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209390] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209391] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209391]
May 25 15:58:36 ubuntu kernel: [ 1468.209392] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209393] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209394] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209394]
May 25 15:58:36 ubuntu kernel: [ 1468.209394] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209395] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209396] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209396]
May 25 15:58:36 ubuntu kernel: [1468.209397] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209398] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209399] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209399]
May 25 15:58:36 ubuntu kernel: [ 1468.209400] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209401] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209402] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209402]
May 25 15:58:36 ubuntu kernel: [ 1468.209403] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209404] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209405] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209405]
May 25 15:58:36 ubuntu kernel: [ 1468.209406] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209407] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209407] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209407]
May 25 15:58:36 ubuntu kernel: [ 1468.209408] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209409] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209410] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209410]
May 25 15:58:36 ubuntu kernel: [1468.209411] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209412] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209413] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209413]
May 25 15:58:36 ubuntu kernel: [ 1468.209414] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468,209415] the block number: 18446744073709486080.
May 25 15:58:36 ubuntu kernel: [ 1468.209416] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209416]
May 25 15:58:36 ubuntu kernel: [1468.209417] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209418] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209418] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209418]
May 25 15:58:36 ubuntu kernel: [ 1468.209419] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209420] the block number: 18446744073709486080,
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209421] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209421]
May 25 15:58:36 ubuntu kernel: [ 1468.209422] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209436] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209438] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209438]
May 25 15:58:36 ubuntu kernel: [ 1468.209439] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209440] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209440] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209440]
May 25 15:58:36 ubuntu kernel: [ 1468.209441] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209443] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209443] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209443]
May 25 15:58:36 ubuntu kernel: [ 1468.209444] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209445] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209446] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209446]
May 25 15:58:36 ubuntu kernel: [1468.209447] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209448] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209449] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209449]
May 25 15:58:36 ubuntu kernel: [ 1468.209449] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209451] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209451] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209451]
May 25 15:58:36 ubuntu kernel: [ 1468.209452] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209453] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209454] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209454]
May 25 15:58:36 ubuntu kernel: [ 1468.209455] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209456] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209457] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209457]
May 25 15:58:36 ubuntu kernel: [ 1468.209458] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209459] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209460] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209460]
May 25 15:58:36 ubuntu kernel: [ 1468.209461] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209462] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209463] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209463]
May 25 15:58:36 ubuntu kernel: [1468.209464] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209465] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209466] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209466]
May 25 15:58:36 ubuntu kernel: [ 1468.209466] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209468] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209468] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209468]
May 25 15:58:36 ubuntu kernel: [ 1468.209469] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209470] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209471] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209471]
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209472] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209473] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209474] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209474]
May 25 15:58:36 ubuntu kernel: [ 1468.209475] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209476] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209476] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209476]
May 25 15:58:36 ubuntu kernel: [ 1468.209477] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209478] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209479] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209479]
May 25 15:58:36 ubuntu kernel: [ 1468.209480] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209481] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209482] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209482]
May 25 15:58:36 ubuntu kernel: [ 1468.209483] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209484] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209485] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209485]
May 25 15:58:36 ubuntu kernel: [1468.209486] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209487] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209487] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209487]
May 25 15:58:36 ubuntu kernel: [ 1468.209488] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209489] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209490] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209490]
May 25 15:58:36 ubuntu kernel: [ 1468.209491] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209492] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209493] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209493]
May 25 15:58:36 ubuntu kernel: [ 1468.209494] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209495] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209495] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209495]
May 25 15:58:36 ubuntu kernel: [1468.209496] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209497] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209498] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209498]
May 25 15:58:36 ubuntu kernel: [ 1468.209499] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209501] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209502] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209502]
May 25 15:58:36 ubuntu kernel: [ 1468.209502] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468,209504] the block number: 18446744073709486080.
May 25 15:58:36 ubuntu kernel: [ 1468.209504] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209504]
May 25 15:58:36 ubuntu kernel: [1468.209505] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209506] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209507] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209507]
May 25 15:58:36 ubuntu kernel: [ 1468.209508] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209509] the block number: 18446744073709486080,
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209510] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209510]
May 25 15:58:36 ubuntu kernel: [1468.209510] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209512] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209512] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209512]
May 25 15:58:36 ubuntu kernel: [ 1468.209513] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209514] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209515] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209515]
May 25 15:58:36 ubuntu kernel: [ 1468.209516] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209517] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209518] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209518]
May 25 15:58:36 ubuntu kernel: [1468.209519] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209520] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209520] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209520]
May 25 15:58:36 ubuntu kernel: [1468.209521] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209522] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209523] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209523]
May 25 15:58:36 ubuntu kernel: [ 1468.209524] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209525] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209526] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209526]
May 25 15:58:36 ubuntu kernel: [1468.209526] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209528] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209528] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209528]
May 25 15:58:36 ubuntu kernel: [ 1468.209529] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209530] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209531] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209531]
May 25 15:58:36 ubuntu kernel: [ 1468.209532] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209533] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209534] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209534]
May 25 15:58:36 ubuntu kernel: [ 1468.209535] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209536] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209536] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209536]
May 25 15:58:36 ubuntu kernel: [1468.209537] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209538] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209539] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209539]
May 25 15:58:36 ubuntu kernel: [ 1468.209540] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209541] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209542] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209542]
May 25 15:58:36 ubuntu kernel: [ 1468.209542] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209543] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209544] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209544]
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209545] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209546] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209547] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209547]
May 25 15:58:36 ubuntu kernel: [1468.209548] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209549] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209550] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209550]
May 25 15:58:36 ubuntu kernel: [ 1468.209550] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209551] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209552] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209552]
May 25 15:58:36 ubuntu kernel: [ 1468.209553] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209554] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209555] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209555]
May 25 15:58:36 ubuntu kernel: [ 1468.209556] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209557] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209558] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209558]
May 25 15:58:36 ubuntu kernel: [1468.209558] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209559] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209560] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209560]
May 25 15:58:36 ubuntu kernel: [ 1468.209561] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209562] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209563] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209563]
May 25 15:58:36 ubuntu kernel: [ 1468.209564] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209565] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209566] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209566]
May 25 15:58:36 ubuntu kernel: [ 1468.209567] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209568] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209569] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209569]
May 25 15:58:36 ubuntu kernel: [ 1468.209570] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209571] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209571] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209571]
May 25 15:58:36 ubuntu kernel: [ 1468.209572] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209573] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209574] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209574]
May 25 15:58:36 ubuntu kernel: [ 1468.209575] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209576] the block number: 18446744073709486080.
May 25 15:58:36 ubuntu kernel: [ 1468.209577] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209577]
May 25 15:58:36 ubuntu kernel: [1468.209578] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209579] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209580] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209580]
May 25 15:58:36 ubuntu kernel: [ 1468.209581] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209582] the block number: 18446744073709486080,
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209583] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209583]
May 25 15:58:36 ubuntu kernel: [ 1468.209583] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209585] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209585] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209585]
May 25 15:58:36 ubuntu kernel: [ 1468.209586] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209587] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209588] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209588]
May 25 15:58:36 ubuntu kernel: [ 1468.209589] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209590] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209591] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209591]
May 25 15:58:36 ubuntu kernel: [1468.209591] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209592] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209593] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209593]
May 25 15:58:36 ubuntu kernel: [1468.209594] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209595] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209596] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209596]
May 25 15:58:36 ubuntu kernel: [ 1468.209597] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209598] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209599] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209599]
May 25 15:58:36 ubuntu kernel: [1468.209601] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209602] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209603] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209603]
May 25 15:58:36 ubuntu kernel: [ 1468.209604] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209605] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209606] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209606]
May 25 15:58:36 ubuntu kernel: [ 1468.209607] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209609] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209610] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209610]
May 25 15:58:36 ubuntu kernel: [ 1468.209611] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209612] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209613] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209613]
May 25 15:58:36 ubuntu kernel: [1468.209614] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209616] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209617] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209617]
May 25 15:58:36 ubuntu kernel: [ 1468.209618] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209619] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209620] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209620]
May 25 15:58:36 ubuntu kernel: [ 1468.209621] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209644] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209646] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209646]
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209647] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209649] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209650] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209650]
May 25 15:58:36 ubuntu kernel: [1468.209651] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209652] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209653] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209653]
May 25 15:58:36 ubuntu kernel: [ 1468.209654] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209655] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209656] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209656]
May 25 15:58:36 ubuntu kernel: [ 1468.209657] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209658] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209659] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209659]
May 25 15:58:36 ubuntu kernel: [ 1468.209660] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209661] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209662] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209662]
May 25 15:58:36 ubuntu kernel: [1468.209663] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209664] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209665] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209665]
May 25 15:58:36 ubuntu kernel: [ 1468.209666] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209667] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209668] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209668]
May 25 15:58:36 ubuntu kernel: [ 1468.209669] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209671] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209671] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209671]
May 25 15:58:36 ubuntu kernel: [ 1468.209672] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209674] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209674] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209674]
May 25 15:58:36 ubuntu kernel: [ 1468.209675] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209677] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209678] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209678]
May 25 15:58:36 ubuntu kernel: [ 1468.209679] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [1468.209680] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209681] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209681]
May 25 15:58:36 ubuntu kernel: [ 1468.209682] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468,209683] the block number: 18446744073709486080.
May 25 15:58:36 ubuntu kernel: [ 1468.209684] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209684]
May 25 15:58:36 ubuntu kernel: [1468.209685] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209686] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209687] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209687]
May 25 15:58:36 ubuntu kernel: [ 1468.209688] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209689] the block number: 18446744073709486080,
```

```
May 25 15:58:36 ubuntu kernel: [ 1468.209690] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209691] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209691] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209692] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209693] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209694] Storage device the block is in: sda,
May 25 15:58:36 ubuntu kernel: [ 1468.209695] the block number: 18446744073709486080,
May 25 15:58:36 ubuntu kernel: [ 1468.209696] use count: 0
May 25 15:58:36 ubuntu kernel: [ 1468.209696]
```