

**2018 to 2020**

**Q10021903 - Under Centos 6 32-bit Linux 4.4, we  
get slow write speed.**

```
# dd if=/dev/zero of=/mnt/das.h/testFile  
bs=100M count=1 oflag=dsync
```

```
1+0 records in
```

```
1+0 records out
```

```
104857600 bytes (105 MB) copied, 20.3667 s, 5.1  
MB/s
```

There seems to be a limitation in the Linux 4.4 kernel (32-bit) which affects disk write speed **\*\*if\*\*** more than 4GB of RAM is installed. Adding mem=4G to the kernel boot line increased the disk write speed to 800 MB/s to 1GB/s.

Unique solution ID: #1778

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