

SUSE

ext4

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ext4

```
SUSE          /(root)          BtrFS          xfs
.             .                .                .
             ext4
```

```
mke2fs 1.43.8 (1-Jan-2018)
Discarding device blocks: done
Creating filesystem with 102400 1k blocks and 25688 inodes
Filesystem UUID: 6fb8a1b0-c2ba-48aa-ba64-e4ffdd072533
Superblock backups stored on blocks:
    8193, 24577, 40961, 57345, 73729

Allocating group tables: done
Writing inode tables: done
Creating journal (4096 blocks): done
Writing superblocks and filesystem accounting information: done

suse:~ # tune2fs -l /dev/sdb1
tune2fs 1.43.8 (1-Jan-2018)
Filesystem volume name:   <none>
Last mounted on:         <not available>
Filesystem UUID:         6fb8a1b0-c2ba-48aa-ba64-e4ffdd072533
Filesystem magic number: 0xEF53
Filesystem revision #:    1 (dynamic)
Filesystem features:     has_journal ext_attr resize_inode dir_index
filetype extent 64bit flex_bg sparse_super large_file huge_file uninit_bg
dir_nlink extra_isize
Filesystem flags:         signed_directory_hash
Default mount options:   user_xattr acl
Filesystem state:        clean
Errors behavior:         Continue
Filesystem OS type:      Linux
Inode count:              25688
Block count:              102400
Reserved block count:    5120
Free blocks:              93504
Free inodes:              25677
First block:              1
Block size:               1024          # <-----    !!
Fragment size:           1024
Group descriptor size:    64
Reserved GDT blocks:     256
Blocks per group:        8192
Fragments per group:     8192
Inodes per group:        1976
Inode blocks per group:  247
Flex block group size:    16
```

```
Filesystem created: Tue Apr 6 13:00:49 2021
Last mount time: n/a
Last write time: Tue Apr 6 13:00:49 2021
Mount count: 0
Maximum mount count: -1
Last checked: Tue Apr 6 13:00:49 2021
Check interval: 0 (<none>)
Lifetime writes: 4441 kB
Reserved blocks uid: 0 (user root)
Reserved blocks gid: 0 (group root)
First inode: 11
Inode size: 128
Journal inode: 8
Default directory hash: half_md4
Directory Hash Seed: 61e420cd-95f9-4146-b57a-007cd48d6a2c
Journal backup: inode blocks
```

```
ext4 block size가 1024
ext4 block size 4096 SUSE
1024 가 block size가 4096 BtrFS
ext4 -b
```

```
suse:~ # mkfs.ext4 -b 4096 /dev/sdb1
mke2fs 1.43.8 (1-Jan-2018)
/dev/sdb1 contains a ext4 file system
created on Tue Apr 6 13:00:49 2021
Proceed anyway? (y,N) y
Discarding device blocks: done
Creating filesystem with 25600 4k blocks and 25600 inodes

Allocating group tables: done
Writing inode tables: done
Creating journal (1024 blocks): done
Writing superblocks and filesystem accounting information: done
```

