

**Linux Namespaces** ..... 3  
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# Linux Namespaces

?

1 (init)

/prod/<PID>/ns

ID

가

```
$ ls -al /proc/1/ns
total 0
dr-x--x--x 2 root root 0 Jan 31 03:47 .
dr-xr-xr-x 9 root root 0 Jan 24 14:46 ..
lrwxrwxrwx 1 root root 0 Jan 31 03:47 cgroup -> 'cgroup:[4026531835]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 ipc -> 'ipc:[4026531839]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 mnt -> 'mnt:[4026531840]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 net -> 'net:[4026531993]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 pid -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 pid_for_children -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 user -> 'user:[4026531837]'
lrwxrwxrwx 1 root root 0 Jan 31 03:47 uts -> 'uts:[4026531838]'
```

가

- Cgroup (cgroup)
- IPC (ipc)
- (network)
- (mnt)
- PID (pid)
- UTS (user)
- (uts)
- (time)

가

4026...

1

```
$ ls -l /proc/1074/ns
total 0
lrwxrwxrwx 1 root root 0 Jan 31 04:08 cgroup -> 'cgroup:[4026531835]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 ipc -> 'ipc:[4026531839]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 mnt -> 'mnt:[4026531840]'
```

```

lrwxrwxrwx 1 root root 0 Jan 31 04:08 net -> 'net:[4026531993]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 pid -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 pid_for_children -> 'pid:[4026531836]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 user -> 'user:[4026531837]'
lrwxrwxrwx 1 root root 0 Jan 31 04:08 uts -> 'uts:[4026531838]'

```

diff

```

$ diff <(ls -Al /proc/1/ns | awk '{ print $11 }') \
      <(ls -Al /proc/1074/ns | awk '{ print $11 }')

```

가

namespace man . man SEE ALSO

[namespaces\(7\) - Linux manual page](#)

- <https://www.44bits.io/ko/keyword/linux-namespace>
- <https://velog.io/@ji-jjang/%EB%A6%AC%EB%88%85%EC%8A%A4-namespace-%EC%9D%B4%ED%95%B4%ED%95%98%EA%B8%B0>

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