

NAME

subuid – the subordinate uid file

DESCRIPTION

Each line in `/etc/subuid` contains a user name and a range of subordinate user ids that user is allowed to use. This is specified with three fields delimited by colons (“:”). These fields are:

- login name or UID
- numerical subordinate user ID
- numerical subordinate user ID count

This file specifies the user IDs that ordinary users can use, with the **newuidmap** command, to configure uid mapping in a user namespace.

Multiple ranges may be specified per user.

When large number of entries (10000–100000 or more) are defined in `/etc/subuid`, parsing performance penalty will become noticeable. In this case it is recommended to use UIDs instead of login names.

Benchmarks have shown speed-ups up to 20x.

FILES

`/etc/subuid`

Per user subordinate user IDs.

`/etc/subuid-`

Backup file for `/etc/subuid`.

SEE ALSO

login.defs(5), **newgidmap(1)**, **newuidmap(1)**, **newusers(1)**, **subgid(5)**, **useradd(8)**, **userdel(8)**, **usermod(8)**, **user_namespaces(7)**.