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Rocky Enterprise Linux 9.2 Manual Pages on command 'addgroup.8'

\$ man addgroup.8

ADDUSER(8) System Manager's Manual ADDUSER(8)

NAME

adduser, addgroup - add a user or group to the system

SYNOPSIS

```
adduser [options] [--home DIR] [--shell SHELL] [--no-create-home] [--uid ID] [--firstuid
ID] [--lastuid ID] [--ingroup GROUP | --gid ID] [--disabled-password] [--disabled-login]
[--gecos GECOS] [--add_extra_groups] [--encrypt-home] user
adduser --system [options] [--home DIR] [--shell SHELL] [--no-create-home] [--uid ID]
[--group | --ingroup GROUP | --gid ID] [--disabled-password] [--disabled-login] [--gecos
GECOS] user
addgroup [options] [--gid ID] group
addgroup --system [options] [--gid ID] group
adduser [options] user group
```

COMMON OPTIONS

```
--quiet] [--debug] [--force-badname] [--help|-h] [--version] [--conf FILE]
```

DESCRIPTION

adduser and addgroup add users and groups to the system according to command line options and configuration information in /etc/adduser.conf. They are friendlier front ends to the low level tools like useradd, groupadd and usermod programs, by default choosing Debian policy conformant UID and GID values, creating a home directory with skeletal configuration, running a custom script, and other features. adduser and addgroup can be run in one of five modes:

If called with one non-option argument and without the --system or --group options, adduser will add a normal user.

adduser will choose the first available UID from the range specified for normal users in the configuration file. The UID can be overridden with the --uid option.

The range specified in the configuration file may be overridden with the --firstuid and --lastuid options.

By default, each user in Debian GNU/Linux is given a corresponding group with the same name. Usergroups allow group writable directories to be easily maintained by placing the appropriate users in the new group, setting the set-group-ID bit in the directory, and ensuring that all users use a umask of 002. If this option is turned off by setting USERGROUPS to no, all users' GIDs are set to USERS_GID. Users' primary groups can also be overridden from the command line with the --gid or --ingroup options to set the group by id or name, respectively. Also, users can be added to one or more groups defined in adduser.conf either by setting ADD_EXTRA_GROUPS to 1 in adduser.conf, or by passing --add_extra_groups on the commandline.

adduser will create a home directory subject to DHOME, GROUPHOMES, and LETTERHOMES. The home directory can be overridden from the command line with the --home option, and the shell with the --shell option. The home directory's set-group-ID bit is set if USERGROUPS is yes so that any files created in the user's home directory will have the correct group.

adduser will copy files from SKEL into the home directory and prompt for finger (gecos) information and a password. The gecos may also be set with the --gecos option. With the --disabled-login option, the account will be created but will be disabled until a password is set. The --disabled-password option will not set a password, but login is still possible (for example with SSH RSA keys). To set up an encrypted home directory for the new user, add the --encrypt-home option. For more information, refer to the -b option of cryptfs-setup-private(1).

If the file /usr/local/sbin/adduser.local exists, it will be executed after the user account has been set up in order to do any local setup. The arguments passed to adduser.local are:

username uid gid home-directory

The environment variable VERBOSE is set according to the following rule:

0 if --quiet is specified

1 if neither

--quiet nor --debug is specified

2 if --debug is specified

(The same applies to the variable DEBUG, but DEBUG is deprecated and will be removed in a later version of adduser.)

Add a system user

If called with one non-option argument and the --system option, adduser will add a system user. If a user with the same name already exists in the system uid range (or, if the uid is specified, if a user with that uid already exists), adduser will exit with a warning.

This warning can be suppressed by adding --quiet.

adduser will choose the first available UID from the range specified for system users in the configuration file (FIRST_SYSTEM_UID and LAST_SYSTEM_UID). If you want to have a specific UID, you can specify it using the --uid option.

By default, system users are placed in the nogroup group. To place the new system user in an already existing group, use the --gid or --ingroup options. To place the new system user in a new group with the same ID, use the --group option.

A home directory is created by the same rules as for normal users. The new system user will have the shell /usr/sbin/nologin (unless overridden with the --shell option), and have logins disabled. Skeletal configuration files are not copied.

Add a user group

If adduser is called with the --group option and without the --system option, or addgroup is called respectively, a user group will be added.

A GID will be chosen from the range specified for system GIDS in the configuration file (FIRST_GID, LAST_GID). To override that mechanism you can give the GID using the --gid option.

The group is created with no users.

Add a system group

If addgroup is called with the --system option, a system group will be added.

A GID will be chosen from the range specified for system GIDS in the configuration file (FIRST_SYSTEM_GID, LAST_SYSTEM_GID). To override that mechanism you can give the GID using the --gid option.

The group is created with no users.

Add an existing user to an existing group

If called with two non-option arguments, adduser will add an existing user to an existing

group.

OPTIONS

--conf FILE

Use FILE instead of /etc/adduser.conf.

--disabled-login

Do not run passwd to set the password. The user won't be able to use her account until the password is set.

--disabled-password

Like --disabled-login, but logins are still possible (for example using SSH RSA keys) but not using password authentication.

--force-badname

By default, user and group names are checked against the configurable regular expression NAME_REGEX (or NAME_REGEX_SYSTEM if --system is specified) specified in the configuration file. This option forces adduser and addgroup to apply only a weak check for validity of the name. NAME_REGEX is described in adduser.conf(5).

--gecos GECOS

Set the gecos field for the new entry generated. adduser will not ask for finger information if this option is given.

--gid ID

When creating a group, this option forces the new groupid to be the given number.

When creating a user, this option will put the user in that group.

--group

When combined with --system, a group with the same name and ID as the system user is created. If not combined with --system, a group with the given name is created.

This is the default action if the program is invoked as addgroup.

--help Display brief instructions.

--home DIR

Use DIR as the user's home directory, rather than the default specified by the configuration file. If the directory does not exist, it is created and skeleton files are copied.

--shell SHELL

Use SHELL as the user's login shell, rather than the default specified by the configuration file.

--ingroup GROUP

Add the new user to GROUP instead of a usergroup or the default group defined by USERS_GID in the configuration file. This affects the users primary group. To add additional groups, see the add_extra_groups option.

--no-create-home

Do not create the home directory, even if it doesn't exist.

--quiet

Suppress informational messages, only show warnings and errors.

--debug

Be verbose, most useful if you want to nail down a problem with adduser.

--system

Create a system user or group.

--uid ID

Force the new userid to be the given number. adduser will fail if the userid is already taken.

--firstuid ID

Override the first uid in the range that the uid is chosen from (overrides FIRST_UID specified in the configuration file).

--lastuid ID

Override the last uid in the range that the uid is chosen from (LAST_UID)

--add_extra_groups

Add new user to extra groups defined in the configuration file.

--version

Display version and copyright information.

EXIT VALUES

- 0 The user exists as specified. This can have 2 causes: The user was created by ad? duser or the user was already present on the system before adduser was invoked. If adduser was returning 0 , invoking adduser a second time with the same parameters as before also returns 0.
- 1 Creating the user or group failed because it was already present with other UID/GID than specified. The username or groupname was rejected because of a mismatch with the configured regular expressions, see adduser.conf(5). Adduser has been aborted by a signal.

Or for many other yet undocumented reasons which are printed to console then. You may then consider to remove --quiet to make adduser more verbose.

FILES

/etc/adduser.conf

Default configuration file for adduser and addgroup

/usr/local/sbin/adduser.local

Optional custom add-ons.

SEE ALSO

adduser.conf(5), deluser(8), groupadd(8), useradd(8), usermod(8), Debian Policy 9.2.2.

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