



Rocky Enterprise Linux 9.2 Manual Pages on command 'user_contexts.5'

\$ man user_contexts.5

user_contexts(5) SELinux configuration user_contexts(5)

NAME

user_contexts - The SELinux user contexts configuration files

DESCRIPTION

These optional user context configuration files contain entries that allow SELinux-aware login applications such as PAM(8) (running in their own process context), to determine the context that a users login session should run under.

SELinux-aware login applications generally use one or more of the following libselinux functions that read these files from the active policy path:

```
get_default_context(3)
get_ordered_context_list(3)
get_ordered_context_list_with_level(3)
get_default_context_with_level(3)
get_default_context_with_role(3)
get_default_context_with_rolelevel(3)
query_user_context(3)
```

manual_user_enter_context(3)

There can be one file for each SELinux user configured on the system.

The file path is formed using the path returned by `selinux_user_contexts_path(3)` for the active policy, with the SELinux user name appended, for example:

`/etc/selinux/{SELINUXTYPE}/contexts/users/unconfined_u`

`/etc/selinux/{SELINUXTYPE}/contexts/users/xguest_u`

Where `{SELINUXTYPE}` is the entry from the selinux configuration file `config` (see `selinux_config(5)`).

These files contain context information as described in the **FILE FORMAT** section.

FILE FORMAT

Each line in the user context configuration file consists of the following:

`login_process user_login_process`

Where:

`login_process`

This consists of a `role:type[:range]` entry that represents the login process context.

`user_login_process`

This consists of a `role:type[:range]` entry that represents the user login process context.

EXAMPLE

Example for `xguest_u` at `/etc/selinux/targeted/contexts/users/xguest_u`

`system_r:crond_t:s0 xguest_r:xguest_t:s0`

`system_r:initrc_t:s0 xguest_r:xguest_t:s0`

`system_r:local_login_t:s0 xguest_r:xguest_t:s0`

`system_r:remote_login_t:s0 xguest_r:xguest_t:s0`

`system_r:sshd_t:s0 xguest_r:xguest_t:s0`

`system_r:xdm_t:s0 xguest_r:xguest_t:s0`

`xguest_r:xguest_t:s0 xguest_r:xguest_t:s0`

SEE ALSO

`selinux(8)`, `selinux_user_contexts_path(3)`, `PAM(8)`,

get_ordered_context_list(3), get_ordered_context_list_with_level(3),
get_default_context_with_level(3), get_default_context_with_role(3),
get_default_context_with_rolelevel(3), query_user_context(3),
manual_user_enter_context(3), selinux_config(5)

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