



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'libnss\_systemd.so.2.8'***

**C:\>man libnss\_systemd.so.2.8**

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### NAME

nss-systemd, libnss\_systemd.so.2 - Provide UNIX user and group name resolution for user/group lookup via Varlink

### SYNOPSIS

libnss\_systemd.so.2

### DESCRIPTION

nss-systemd is a plug-in module for the GNU Name Service Switch (NSS) functionality of the GNU C Library (glibc), providing UNIX user and group name resolution for services implementing the User/Group Record Lookup API via Varlink[1], such as the system and service manager systemd(1) (for its DynamicUser= feature, see systemd.exec(5) for details) or systemd-homed.service(8).

This module also ensures that the root and nobody users and groups (i.e. the users/groups with the UIDs/GIDs 0 and 65534) remain resolvable at all times, even if they aren't listed in /etc/passwd or /etc/group, or if these files are missing.

This module preferably utilizes systemd-userdbd.service(8) for resolving users and groups, but also works without the service running.

To activate the NSS module, add "systemd" to the lines starting with "passwd:" and "group:" in /etc/nsswitch.conf.

It is recommended to place "systemd" after the "files" or "compat" entry of the /etc/nsswitch.conf lines so that /etc/passwd and /etc/group based mappings take precedence.

## EXAMPLE

Here is an example `/etc/nsswitch.conf` file that enables `nss-systemd` correctly:

```
passwd:    compat mymachines systemd
group:    compat [SUCCESS=merge] mymachines [SUCCESS=merge] systemd
shadow:   compat
hosts:    files mymachines resolve [!UNAVAIL=return] dns myhostname
networks: files
protocols: db files
services: db files
ethers:   db files
rpc:      db files
netgroup: nis
```

## SEE ALSO

`systemd(1)`, `systemd.exec(5)`, `nss-resolve(8)`, `nss-myhostname(8)`, `nss-mymachines(8)`,  
`nsswitch.conf(5)`, `getent(1)`

## NOTES

1. User/Group Record Lookup API via Varlink

[https://systemd.io/USER\\_GROUP\\_API](https://systemd.io/USER_GROUP_API)

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