Linux Ubuntu 22.4.5 Manual Pages on command 'virtlockd.8'

$ man virtlockd.8

VIRTLOCKD(8)   Virtualization Support   VIRTLOCKD(8)

NAME

    virtlockd - libvirt lock management daemon

SYNOPSIS

    virtlockd [OPTION]...

DESCRIPTION

    The virtlockd program is a server side daemon component of the libvirt virtualiza?

    tion management system that is used to manage locks held against virtual machine

    resources, such as their disks.

    This daemon is not used directly by libvirt client applications, rather it is

    called on their behalf by libvirtd. By maintaining the locks in a standalone dae?

    mon, the main libvirtd daemon can be restarted without risk of losing locks. The

    virtlockd daemon has the ability to re-exec() itself upon receiving SIGUSR1, to al?

    low live upgrades without downtime.

    The virtlockd daemon listens for requests on a local Unix domain socket.

OPTIONS

    -h, --help

    Display command line help usage then exit.

    -d, --daemon

    Run as a daemon and write PID file.

    -f, --config FILE

    Use this configuration file, overriding the default value.

-t, --timeout SECONDS

Automatically shutdown after SECONDS have elapsed with no active client or lock.

-p, --pid-file FILE

Use this name for the PID file, overriding the default value.

-v, --verbose

Enable output of verbose messages.

-V, --version

Display version information then exit.

SIGNALS

On receipt of SIGUSR1, virtlockd will re-exec() its binary, while maintaining all

current locks and clients. This allows for live upgrades of the virtlockd service.

FILES

When run as root

? /etc/libvirt/virtlockd.conf

The default configuration file used by virtlockd, unless overridden on the command

line using the -f | --config option.

? /run/libvirt/virtlockd-sock

The sockets virtlockd will use.

? /run/virtlockd.pid

The PID file to use, unless overridden by the -p | --pid-file option.

When run as non-root

? $XDG_CONFIG_HOME/libvirt/virtlockd.conf

The default configuration file used by virtlockd, unless overridden on the command

line using the -f | --config option.

? $XDG_RUNTIME_DIR/libvirt/virtlockd-sock

The socket virtlockd will use.

? $XDG_RUNTIME_DIR/libvirt/virtlockd.pid

The PID file to use, unless overridden by the -p | --pid-file option.

If $XDG_CONFIG_HOME is not set in your environment, virtlockd will use $HOME/.con?

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If $XDG_RUNTIME_DIR is not set in your environment, virtlockd will use $HOME/.cache

EXAMPLES

To retrieve the version of virtlockd:

```
# virtlockd --version

virtlockd (libvirt) 1.1.1
```

To start virtlockd, instructing it to daemonize and create a PID file:

```
# virtlockd -d

# ls -la /run/virtlockd.pid

-rw-r--r-- 1 root root 6 Jul  9 02:40 /run/virtlockd.pid
```

BUGS

Please report all bugs you discover. This should be done via either:

1. the mailing list

   https://libvirt.org/contact.html

2. the bug tracker

   https://libvirt.org/bugs.html

Alternatively, you may report bugs to your software distributor / vendor.

AUTHORS

Please refer to the AUTHORS file distributed with libvirt.

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SEE ALSO

libvirtd(8), https://libvirt.org/

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