

NAME

networkd-dispatcher – Dispatcher service for systemd–networkd connection status changes

SYNOPSIS

networkd-dispatcher [-h] [-S *SCRIPT_DIR*] [-T] [-v] [-q]

DESCRIPTION

Dispatcher daemon for systemd–networkd connection status changes. This daemon is similar to NetworkManager–dispatcher, but is much more limited in the types of events it supports due to the limited nature of *systemd-networkd*(8).

Desired actions (scripts) are placed into directories that reflect systemd–networkd operational states under *SCRIPT_DIR* and are executed when the daemon receives the relevant event from systemd–networkd.

The daemon listens for signals from systemd–networkd over dbus, so it should be very light on resources (e.g. no polling). It is meant to be run as a system–wide daemon (as root). This allows it to be used for tasks such as starting a VPN after a connection is established.

OPTIONS

-h, --help

Print command–line syntax and program options to stdout.

-S, --script-dir=SCRIPT_DIR

Location under which to look for scripts. Like the *PATH* environment variable, this may contain multiple directories separated by : and in case multiple directories have scripts with the same name, the earliest directory wins. Defaults to /etc/networkd-dispatcher:/usr/lib/networkd-dispatcher.

-T, --run-startup-triggers

Generate events reflecting preexisting state and behavior on startup. This can be used to ensure that triggers are belatedly run even if networkd-dispatcher is invoked after systemd–networkd has already started an interface.

-v, --verbose

Increase verbosity by one level. The default level is *WARNING*. Each use of *-v* will increment the log level (towards *INFO* or *DEBUG*), and each use of *-q* will decrement it (towards *ERROR* or *CRITICAL*).

-q, --quiet

Decrease verbosity by one level.

CONFIGURATION FILES

The systemd service reads */etc/default/networkd-dispatcher* as an environment file for additional daemon arguments.

The scripts to be run on network changes are in subdirectories *routable.d/*, *dormant.d/*, *no-carrier.d/*, *off.d/*, *carrier.d/*, *degraded.d/* inside *SCRIPT_DIR*. The default value for *SCRIPT_DIR* is */etc/networkd-dispatcher:/usr/lib/networkd-dispatcher*.

For information about the network operational states exposed by systemd, see *networkctl*(1).

RESOURCES

GitHub: <https://github.com/craftyguy/networkd-dispatcher>

SEE ALSO

systemd-networkd(8), *networkctl*(1)