Rocky Enterprise Linux 9.2 Manual Pages on command 'systemd-networkd.8'

$ man systemd-networkd.8

SYSTEMD-NETWORKD.SERVICE(8)   systemd-networkd.service   SYSTEMD-NETWORKD.SERVICE(8)

NAME

   systemd-networkd.service, systemd-networkd - Network manager

SYNOPSIS

   systemd-networkd.service

   /lib/systemd/systemd-networkd

DESCRIPTION

   systemd-networkd is a system service that manages networks. It detects and configures

   network devices as they appear, as well as creating virtual network devices.

   To configure low-level link settings independently of networks, see systemd.link(5).

   systemd-networkd will create network devices based on the configuration in

   systemd.netdev(5) files, respecting the [Match] sections in those files.

   systemd-networkd will manage network addresses and routes for any link for which it finds

   a .network file with an appropriate [Match] section, see systemd.network(5). For those

   links, it will flush existing network addresses and routes when bringing up the device.

   Any links not matched by one of the .network files will be ignored. It is also possible to

   explicitly tell systemd-networkd to ignore a link by using Unmanaged=yes option, see

   systemd.network(5).

   When systemd-networkd exits, it generally leaves existing network devices and

   configuration intact. This makes it possible to transition from the initramfs and to

   restart the service without breaking connectivity. This also means that when configuration

   is updated and systemd-networkd is restarted, netdev interfaces for which configuration

   was removed will not be dropped, and may need to be cleaned up manually.

systemd-networkd may be introspected and controlled at runtime using networkctl(1).

CONFIGURATION FILES

The configuration files are read from the files located in the system network directory
/lib/systemd/network, the volatile runtime network directory /run/systemd/network and the
local administration network directory /etc/systemd/network.

Networks are configured in .network files, see systemd.network(5), and virtual network
devices are configured in .netdev files, see systemd.netdev(5).

SEE ALSO

networkctl(1), systemd(1), systemd.link(5), systemd.network(5), systemd.netdev(5),
systemd-networkd-wait-online.service(8), systemd-network-generator.service(8)

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