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

$ man systemd-networkd-wait-online.8

SYSTEMD-NETWORKD-WAIT-ONLINE.SEsystemd-networkd-wait-onlinSYSTEMD-NETWORKD-WAIT-ONLINE.SERVICE

(8)

NAME

systemd-networkd-wait-online.service, systemd-networkd-wait-online - Wait for network to

come online

SYNOPSIS

systemd-networkd-wait-online.service

/lib/systemd/systemd-networkd-wait-online

DESCRIPTION

systemd-networkd-wait-online is a oneshot system service (see systemd.service(5)), that

waits for the network to be configured. By default, it will wait for all links it is aware

of and which are managed by systemd-networkd.service(8) to be fully configured or failed,

and for at least one link to be online. Here, online means that the link's operational

state is equal or higher than "degraded". The threshold can be configured by

--operational-state= option.

OPTIONS

The following options are understood:

-i INTERFACE[:MIN_OPERSTATE[:MAX_OPERSTATE]],

--interface=INTERFACE[:MIN_OPERSTATE[:MAX_OPERSTATE]]

Network interface to wait for before deciding if the system is online. This is useful

when a system has several interfaces which will be configured, but a particular one is

necessary to access some network resources. When used, all other interfaces are

ignored. This option may be used more than once to wait for multiple network

interfaces. When this option is specified multiple times, then

systemd-networkd-wait-online waits for all specified interfaces to be online.

Optionally, required minimum and maximum operational states can be specified after a

colon ":". Please see networkctl(1) for possible operational states. If the

operational state is not specified here, then the value from RequiredForOnline= in the

corresponding .network file is used if present, and "degraded" otherwise.

--ignore=INTERFACE

Network interfaces to be ignored when deciding if the system is online. By default,

only the loopback interface is ignored. This option may be used more than once to

ignore multiple network interfaces.

-o MIN_OPERSTATE[:MAX_OPERSTATE], --operational-state=MIN_OPERSTATE[:MAX_OPERSTATE]

Takes a minimum operational state and an optional maximum operational state. Please

see networkctl(1) for possible operational states. If set, the specified value

overrides RequiredForOnline= settings in .network files. But this does not override

operational states specified in --interface= option.

-4, --ipv4

Waiting for an IPv4 address of each network interface to be configured. If this option

is specified with --any, then systemd-networkd-wait-online exits with success when at

least one interface becomes online and has an IPv4 address. The option is applied only

for the operational state "degraded" or above. If neither --ipv4 nor --ipv6 is

specified, then the value from RequiredFamilyForOnline= in the corresponding .network

file is used if present.

-6, --ipv6

Waiting for an IPv6 address of each network interface to be configured. If this option

is specified with --any, then systemd-networkd-wait-online exits with success when at

least one interface becomes online and has an IPv6 address. The option is applied only

for the operational state "degraded" or above. If neither --ipv4 nor --ipv6 is

specified, then the value from RequiredFamilyForOnline= in the corresponding .network

file is used if present.

--any

Even if several interfaces are in configuring state, systemd-networkd-wait-online

exits with success when at least one interface becomes online. When this option is

specified with --interface=, then systemd-networkd-wait-online waits for one of the

specified interfaces to be online. This option is useful when some interfaces may not

have carrier on boot.

--timeout=SECS

Fail the service if the network is not online by the time the timeout elapses. A

timeout of 0 disables the timeout. Defaults to 120 seconds.

-q, --quiet

Suppress log messages.

-h, --help

Print a short help text and exit.

--version

Print a short version string and exit.

SEE ALSO

systemd(1), systemd.service(5), systemd-networkd.service(8), networkctl(1)

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