Rocky Enterprise Linux 9.2 Manual Pages on command 'avahi-autoipd.8'

$ man avahi-autoipd.8

avahi-autoipd(8)   System Manager's Manual   avahi-autoipd(8)

NAME

   avahi-autoipd - IPv4LL network address configuration daemon

SYNOPSIS

   avahi-autoipd [options] interface

   avahi-autoipd --kill interface

   avahi-autoipd --refresh interface

   avahi-autoipd --check interface

DESCRIPTION

   avahi-autoipd implements IPv4LL, "Dynamic Configuration of IPv4 Link-Local Addresses"

   (IETF RFC3927), a protocol for automatic IP address configuration from the link-local

   169.254.0.0/16 range without the need for a central server. It is primarily intended to be

   used in ad-hoc networks which lack a DHCP server.

   IPv4LL is part of the Zeroconf stack.

   avahi-autoipd can be used as stand-alone address allocator or as plugin for a DHCP client

   such as ISC's dhclient, where it can be used as fallback solution if no DHCP server is

   found.

   To allow communication between hosts that have only an IPv4LL address assigned and hosts

   that only have a routable IP address assigned you may add the following routes to both

   network configurations:

   route add -net 169.254.0.0 netmask 255.255.0.0 dev eth0 metric 99

   route add default dev eth0 metric 99

   See http://developer.apple.com/qa/qa2004/qa1357.html for more information.

OPTIONS

-D | --daemonize

Daemonize after startup. Implies --syslog.

-k | --kill

Kill an already running avahi-autoipd on the specified network interface. (Equiva?

lent to sending a SIGTERM)

-r | --refresh

Tell an already running avahi-autoipd to re-announce the acquired IP address on the

specified network interface. (Equivalent to sending a SIGHUP)

-c | --check

Return 0 as return code if avahi-autoipd is already running for the specified net?

work interface.

-s | --syslog

Log to syslog instead of STDERR. Implied by --daemonize.

--debug

Enable verbose mode.

--no-drop-root

Don't drop root privileges after startup. We recommend not to use this option.

--no-chroot

Don't chroot(2) the daemon. This option is only available when compiled with ch?

root() support.

-S | --start=

Try to acquire the specified IP address, which must be from the IPv4LL range

169.254.0.0/16.

-w | --wait

Wait until a IP address has been successfully acquired before detaching. Only valid

in combination with --daemonize.

--force-bind

Acquire an IPv4LL address, even if a routable address has been configured on the

interface.

--no-proc-title

Don't change the process name while running. Unless this option is specified avahi-

autoipd will reflect its current state and the IP address in the process title.

-h | --help

    Show help.

-v | --version

    Show version information.

FILES

/etc/avahi/avahi-autoipd.action: the script to run when an IP address as been acquired or

is lost.

SIGNALS

SIGINT, SIGTERM: avahi-autoipd will shutdown. (Same as --kill)

SIGHUP: avahi-autoipd will re-announce the acquired IP address. (Same as --refresh)

AUTHORS

The Avahi Developers <avahi (at) lists (dot) freedesktop (dot) org>; Avahi is available

from http://avahi.org/

SEE ALSO

avahi-autoipd.action(8), dhclient(8)

http://avahi.org/wiki/AvahiAutoipd documents how avahi-autoipd is best packaged and inte?

grated into distributions.

COMMENTS

This man page was written using xml2man(1) by Oliver Kurth.

Manuals   User   avahi-autoipd(8)