



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

C:\>man avahi-daemon.8

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

NAME

avahi-daemon - The Avahi mDNS/DNS-SD daemon

SYNOPSIS

avahi-daemon [options]

avahi-daemon --kill

avahi-daemon --reload

avahi-daemon --check

DESCRIPTION

The Avahi mDNS/DNS-SD daemon implements Apple's Zeroconf architecture (also known as "Rendezvous" or "Bonjour"). The daemon registers local IP addresses and static services using mDNS/DNS-SD and provides two IPC APIs for local programs to make use of the mDNS record cache the avahi-daemon maintains. First there is the so called "simple protocol" which is used exclusively by avahi-dnssconfd (a daemon which configures unicast DNS servers using server info published via mDNS) and nss-mdns (a libc NSS plugin, providing name resolution via mDNS). Finally there is the D-Bus interface which provides a rich object oriented interface to D-Bus enabled applications.

Upon startup avahi-daemon interprets its configuration file /etc/avahi/avahi-daemon.conf and reads XML fragments from /etc/avahi/services/*.service which may define static DNS-SD services. If you enable publish-resolv-conf-dns-servers in avahi-daemon.conf the file /etc/resolv.conf will be read, too.

OPTIONS

-f | --file= FILE

Specify the configuration file to read. (default: /etc/avahi/avahi-daemon.conf)

-D | --daemonize

Daemonize after startup. Implies --syslog.

-s | --syslog

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

--debug

Increase verbosity to debug level.

--no-rlimits

Don't enforce resource limits as specified in the configuration file. (See `setrlimit(2)` for more information)

--no-drop-root

Don't drop root privileges after startup and don't require daemon to be started as root. We recommend not to use this option.

--no-chroot

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

--no-proc-title

Don't change the process name while running. Unless this option is specified `avahi-daemon` will reflect its current state and the selected host name in the process title.

-k | --kill

Kill an already running `avahi-daemon`. (equivalent to sending a `SIGTERM`)

-r | --reload

Tell an already running `avahi-daemon` to reread `/etc/resolv.conf` (in case you enabled `publish-resolv-conf-dns-servers` in `avahi-daemon.conf`) the files from `/etc/avahi/services/`. Please note that this will not reload the `/etc/avahi/avahi-daemon.conf`. (equivalent to sending a `SIGHUP`)

-c | --check

Return 0 as return code when `avahi-daemon` is already running.

-h | --help

Show help

-v | --version

Show version information

FILES

`/etc/avahi/avahi-daemon.conf`: the default configuration file for `avahi-daemon`, `avahi-daemon.conf(5)` for more information.

`/etc/avahi/hosts`: additional static hostname mappings to publish in mDNS, see `avahi.hosts(5)` for more information.

`/etc/avahi/services/*.service`: static service definitions, see `avahi.service(5)` for more information.

SIGNALS

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

SIGHUP: `avahi-daemon` will reload unicast DNS server data from `/etc/resolv.conf` and static service definitions from `/etc/avahi/services/`. (Same as `--reload`)

SIGUSR1: `avahi-daemon` will dump local and remote cached resource record data to `syslog`.

AUTHORS

The Avahi Developers <avahi@lists.freedesktop.org>; Avahi is available from <http://avahi.org/>

SEE ALSO

`avahi-daemon.conf(5)`, `avahi.hosts(5)`, `avahi.service(5)`, `avahi-dnsconfd(8)`, `avahi-set-host-name(1)`

<http://avahi.org/wiki/AvahiAndUnicastDotLocal> documents the problems when using Avahi in a unicast DNS zone `.local`.

COMMENTS

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

Manuals

User

`avahi-daemon(8)`