

## NAME

avahi-publish-service – Register an mDNS/DNS-SD service or host name or address mapping using the Avahi daemon

## SYNOPSIS

**avahi-publish -s** [*options*] *name service-type port [TXT data ...]*

**avahi-publish-service** [*options*] *name service-type port [TXT data ...]*

**avahi-publish -a** [*options*] *host name address*

**avahi-publish-address** [*options*] *host name address*

## DESCRIPTION

Register an mDNS/DNS-SD service or host name/address mapping using the Avahi daemon.

## OPTIONS

When calling in service registration mode, specify a DNS-SD service name (e.g. "Lennart's Files"), a service type (e.g. `_http._tcp`) and an IP port number for the service, optionally followed by any number of TXT record strings on the command line. When calling in address/host name registration mode specify a fully qualified host name and an address (IPv4 or IPv6).

**-s | --service**

Register a service. `avahi-publish-service` is equivalent to `avahi-publish -s`.

**-a | --address**

Register an address/host name mapping. `avahi-publish-address` is equivalent to `avahi-publish -a`.

**-v | --verbose**

Enable verbose mode.

**-H | --host= HOSTNAME**

Specify a host name for this service, in case it doesn't reside on the local host. This host name needs to be fully qualified and resolvable using mDNS or unicast DNS.

**-d | --domain= DOMAIN**

Publish the service in the specified domain. If omitted the Avahi daemon will publish it in its default domain (usually `.local`).

**--subtype= SUBTYPE**

Register the service with an additional subtype in addition to the main type. DNS-SD subtypes have the form `_anon._sub._ftp._tcp`, where `_anon` is the identifier of the subtype and `_ftp._tcp` is the main type. You may pass this option multiple times to register the service with multiple subtypes.

**-f | --no-fail**

Don't fail if the daemon is not found running. Instead, wait until it appears. If it disconnects, try to reconnect.

**-h | --help**

Show help

**-V | --version**

Show version information.

## AUTHORS

The Avahi Developers <avahi (at) lists (dot) freedesktop (dot) org>; Avahi is available from <http://avahi.org/>

## SEE ALSO

**avahi-resolve(1)**, **avahi-browse(1)**, **avahi-daemon(8)**

**COMMENTS**

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