



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'avahi.service.5' command***

### **\$ man avahi.service.5**

avahi.service(5)      File Formats Manual      avahi.service(5)

#### NAME

avahi.service - avahi-daemon static service file

#### SYNOPSIS

/etc/avahi/services/\*.service

#### DESCRIPTION

/etc/avahi/services/\*.service are XML fragments containing static DNS-SD service data. Every service file can contain multiple service definitions which share the same name. This is useful for publishing service data for services which implement multiple protocols. (i.e. a printer implementing \_ipp.\_tcp and \_printer.\_tcp)

#### XML TAGS

<service-group> The document tag of avahi service files. Should contain one <name> and one or more <service> elements.

<name replace-wildcards="yes|no"> The service name. If replace-wildcards is "yes", any occurrence of the string "%h" will be replaced by the local host name. This can be used for service names like "Remote Terminal on %h". If replace-wildcards is not specified, defaults to "no".

<service protocol="ipv4|ipv6|any"> Contains the service information for exactly one service type. Should contain one <type> and one <port> element. Optionally it may contain one <domain-name>, one <host-name>, any number of <subtype> and any number of <txt-record> elements. The attri?

bute protocol specifies the protocol to advertise the service on. If any is used (which is the default), the service will be advertised on both IPv4 and IPv6.

<type> Contains the DNS-SD service type for this service. e.g. "\_http.\_tcp".

<subtype> Contains an additional DNS-SD service subtype for this service. e.g. "\_anon.\_sub.\_ftp.\_tcp".

<domain-name> The domain name this service should be registered. If omitted defaults to the default domain of the avahi daemon. (probably .local)

<host-name> The host name of the host that provides this service. This should be a host that is resolvable by multicast or unicast DNS. Please note that you need to specify a fully-qualified domain name (FQDN) here, i.e. .local is not appended implicitly! The host name doesn't need to be part of the domain specified in <domain-name>. See avahi.hosts(5) for more information how to publish additional host name mappings.

<port> The IP port number the service listens on.

<txt-record value-format="text|binary-hex|binary-base64"> DNS-SD TXT record data. If value-format is "text", the value of the TXT record is taken verbatim. If value-format is "binary-hex" then the value of TXT record is decoded by taking pairs of characters after the "=" char and interpreting them as the textual representation of the two-digit hexadecimal number. Both uppercase and lowercase hexadecimal digits are allowed. The 0x or 0X prefix is not allowed. This requires the length of the value to be even. If value-format is "binary-base64" then the value of TXT record is decoded with a base64 decoder. The character set used is A-Za-z0-9+/. This requires the length of the value to be a multiple of 4, with "=" as padding at the end. If value-format is not specified, defaults to "text". Examples (all the values are decoded to the string "value" without quotes):

```
<txt-record>key=value<txt-record>
```

```
<txt-record value-format="text">key=value<txt-record>
```

```
<txt-record value-format="binary-hex">key=76616c7565<txt-record>
```

```
<txt-record    value-format="binary-base64">key=dmFsdWU=<txt-  
record>
```

## AUTHORS

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

Avahi is available from <http://avahi.org/>

## SEE ALSO

avahi-daemon(8), avahi.hosts(5)

## COMMENTS

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

Manuals

User

avahi.service(5)