Manage SLP

NetApp SMI-S Provider

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Manage SLP

Overview

The SLP service broadcasts WBEM services. When the SLP service is enabled, client applications can discover the CIMOM server. You can also specify SLP configuration settings using the `slp.conf` file.

If the SLP service is not already enabled, you can start the SLP service by using the `smis slpd start` command. To stop the SLP service, use the `smis slpd stop` command.

slp.conf file management

The `slp.conf` configuration file provides additional options that enable you to manage a service location protocol daemon (SLPD) server.

Location

`C:\Program Files (x86)\NetApp\smis\pegasus\cfg`

Privilege level

A user with a valid user name and password

Description

The `slp.conf` configuration file enables you to change the number of interfaces a host listens to for SLP requests and the number of IP addresses a host uses for multicasting.

Use a text editor to open the `slp.conf` file.

Parameters

- **`interfaces`**

  Specifies the maximum number of IP addresses a host can listen to for SLP requests.

- **`multicast`**

  Specifies the maximum number of IP addresses a host might use for multicasting. Use this parameter when configuring interfaces for SLP multicast traffic on multihomed systems.

- **`BroadcastOnly`**

  Forces the use of the broadcast option, instead of using the multicast option, when sending messages over SLP.

- **`securityEnabled`**

  Enables security for received URLs and attribute lists.

Example

The following is an abbreviated example of the `slp.conf` configuration file:

```
#####################################################################
# OpenSLP configuration file
# Format and contents conform to specification in IETF RFC 2614 so
the comments use the language of the RFC. In OpenSLP, SLPD
operates as an SA and a DA. The SLP UA functionality is
encapsulated by SLPLIB.
#####################################################################

#---------------------------------------------------------------------
# Static Scope and DA Configuration
#---------------------------------------------------------------------
# This option is a comma delimited list of strings indicating the
only scopes a UA or SA is allowed when making requests or
registering or the scopes a DA must support. (default value is
"DEFAULT");net.slp.useScopes = myScope1, myScope2, myScope3

# Allows administrator to force UA and SA agents to use specific
DAs. If this setting is not used dynamic DA discovery will be used
to determine which DAs to use. (Default is to use dynamic DA
discovery)
```

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