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PsService v2.26

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Introduction

PsService is a service viewer and controller for Windows. Like the SC utility that's included in the Windows NT and Windows 2000 Resource Kits, *PsService* displays the status, configuration, and dependencies of a service, and allows you to start, stop, pause, resume and restart them. Unlike the SC utility, *PsService* enables you to logon to a remote system using a different account, for cases when the account from which you run it doesn't have required permissions on the remote system. *PsService* includes a unique service-search capability, which identifies active instances of a service on your network. You would use the search feature if you wanted to locate systems running DHCP servers, for instance.

Finally, *PsService* works on both NT 4, Windows 2000 and Windows Vista, whereas the Windows 2000 Resource Kit version of SC requires Windows 2000, and *PsService* doesn't require you to manually enter a "resume index" in order to obtain a complete listing of service information.>

Installation

Just copy *PsService* onto your executable path, and type "psservice".

Using PsService

The default behavior of *PsService* is to display the configured services (both running and stopped) on the local system. Entering a command on the command-line invokes a particular feature, and some commands accept options. Typing a command followed by "- " displays information on the syntax for the command.

Usage: psservice [\\computer [-u username] [-p password]] <command> <options>

⛶ Expand table

Parameter	Description
query	Displays the status of a service.

config	Displays the configuration of a service.
setconfig	Sets the start type (disabled, auto, demand) of a service.
start	Starts a service.
stop	Stops a service.
restart	Stops and then restarts a service.
pause	Pauses a service
cont	Resumes a paused service.
depend	Lists the services dependent on the one specified.
security	Dumps the service's security descriptor.
find	Searches the network for the specified service.
\\computer	Targets the NT/Win2K system specified. Include the -u switch with a username and password to login to the remote system if your security credentials do not permit you to obtain performance counter information from the remote system. If you specify the -u option, but not a password with the -p option, *PsService* will prompt you to enter the password and will not echo it to the screen.

How it Works

PsService uses the Service Control Manager APIs that are documented in the Platform SDK.

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PsTools

PsService is part of a growing kit of Sysinternals command-line tools that aid in the administration of local and remote systems named *PsTools*.

Runs on:

- Client: Windows 8.1 and higher.
- Server: Windows Server 2012 and higher.

Additional resources

Training

Module

Troubleshoot operating system service issues - Training

This module discusses the role of operating system services and how to troubleshoot issues that restrict functionality. This module also discusses resolving issues with signing in to Windows.