



Using the Simple Object Access Protocol Login Event Generator Command-Line Utility

Published: May 27, 2013

Introduction

This chapter describes the command-line utility (CLU) commands when the Simple Object Access Protocol (SOAP) Login Event Generator (LEG) software is installed on the Subscriber Manager (SM).

Information About the p3soap Utility

The SOAP LEG contains its own CLU commands, **p3soap**, for retrieving information and statistics about the LEG.

The **p3soap** utility displays the LEG configuration and statistics. The command format is **p3soap <operation> [OPTIONS]**.

[Table 33-1](#) lists the **p3soap** operations.

Table 33-1 *p3soap Operations*

Operation	Description
--show	Displays all of SOAP LEG configuration and status.
--show-statistics	Displays statistics for the SOAP LEG including: failed queries, queries sent, queries received.
--reset-statistics	Resets statistics for the SOAP LEG including: failed queries, queries sent, queries received.
--show-version	Displays the SOAP LEG version number.
--set-username	Sets the username and password to enable secure queries via the SOAP communication protocol.
--reset-username	Resets the username to cancel the secure queries.
--help	Displays a list of available operations and arguments, with a short explanation of their meanings.

Table 33-2 lists the **p3soap** user options.

Table 33-2 *p3soap User Options*

User Option	Abbreviation	Description
<code>--username=USER-NAME</code>	<code>-u</code>	Specifies the name of the user. Used with the <code>--set-username</code> and <code>--reset-username</code> operations.
<code>--password=USER-PASSWORD</code>	<code>-P</code>	Specifies the password of the user. Used with the <code>--set-username</code> and <code>--reset-username</code> operations.

Table 33-3 lists the **p3soap** miscellaneous options.

Table 33-3 *p3soap Miscellaneous Options*

Option	Abbreviation	Description
<code>--remote=IP[:port]</code>	<code>-r</code>	(Optional) Used with the <code>--set-username</code> and <code>--reset-username</code> operations to configure secure queries on the remote SM in High Availability setups. The Port option should be used if the PRPC Server port on the remove SM machine differs from the default value (14374).

- [Viewing the SOAP LEG Status, page 33-2](#)
- [Viewing the SOAP LEG Statistics, page 33-3](#)
- [Viewing the SOAP LEG Version, page 33-3](#)
- [Setting the Username and Password for Secure Requests, page 33-3](#)
- [Resetting the Username and Password for Secure Requests, page 33-3](#)

Viewing the SOAP LEG Status

The following is an example of using the **p3soap** CLU with the **show** operation:

```
>p3soap --show

SOAP LEG:
=====
Active:    true
Url:      http://1.1.1.1:8080/services/ProvisioningServiceSoap.asmx
Username: N/A
Logging:
Log all queries:    true
Log failed queries: true
Command terminated successfully
>
```

Viewing the SOAP LEG Statistics

The following is an example of using the **p3soap** CLU with the **show-statistics** operation:

```
>p3soap --show-statistics

SOAP LEG statistics
=====
Successful logins:          3
Failed queries:            1
Failed package association: 0
Queries in process:        0
Max-Concurrent queries:    0
Command terminated successfully
>
```

Viewing the SOAP LEG Version

The following is an example of using the **p3soap** CLU with the **show-version** operation:

```
>p3soap --show-version

SOAP LEG 3.5.0 Build 490
Command terminated successfully
>
```

Setting the Username and Password for Secure Requests

The following is an example of using the **p3soap** CLU with the **set-username** operation:

```
>p3soap --set-username --username=cisco --password=cisco

Command terminated successfully
>
```

Resetting the Username and Password for Secure Requests

The following is an example of using the **p3soap** CLU with the **reset-username** operation:

```
>p3soap --reset-username

Command terminated successfully
>
```

