SL1 PowerFlow powerflowcontrol (pfctl) Command-Line Utility

Release Notes Version 2.7.8

Overview

The SL1 PowerFlow **powerflowcontrol** (pfctl) command-line utility version 2.7.8 addressed a number of issues in the utility, including a complete update to the **collect_pf_logs** action, which is now called **logcollect**. This version of the utility is included with the PowerFlow Platform version 2.7.0 release.

For more information about the commands you can run using this utility, see ***Using the powerflowcontrol (pfctl) Command-line Utility***.

This document covers the following topics:

Issues Addressed 2

Known Issues 2

Installing the powerflowcontrol (pfctl) Command-Line Utility 3

Issues Addressed

The following issues were addressed in this release:

- For the **powerflowcontrol** (pfctl) command-line utility, renamed the existing **collect_pf_logs** action to **logcollect** and updated the entire functionality of the action. For more information, see the **logcollect** topic in the ***Using the powerflowcontrol (pfctl) Command-line Utility*** chapter in the ***SL1 PowerFlow Platform*** manual. (Case: 00317293)
- Added the pfctl node actions **check_redis_maxmemory** and **fix_redis_maxmemory** to verify the **MAXMEMORY** variable in the **docker-compose.yml** file. Before these updates, the PowerFlow Redis service expected a value of **MAXMEMORY** to be passed using Docker environment variables, but the override templates in the pfctl utility supplied **maxmemory** instead. The templates have been updated, and the new **check_redis_maxmemory** action determines if the Redis service requires an update to the environment variable, while the **fix_redis_maxmemory** action applies that change. The user will need to delete and recreate the Redis service after the fix action runs. In addition, the PowerFlow Redis image was updated to accept either **MAXMEMORY** or **maxmemory** as an environment variable. (Case: 00385354)
- Addressed an issue where the pfctl utility did not properly calculate Linux memory availability when running the **pfctl healthcheck** action. (Case: 00321182)

TIP: To view release notes and manuals for all versions of the SL1 PowerFlow Platform, see SL1 PowerFlow Platform Documentation. To view release notes and manuals for PowerFlow SyncPacks, see SL1 PowerFlow SyncPack Documentation.

Known Issues

This release contains the following known issue:

- If you get the "Error: No such option: --version Did you mean --json?" error message when running the `pfctl --version command`, you might have an older version of pfctl that was installed as a different user. To resolve this, be sure to install the powerflowcontrol (pfctl) utility version 2.7.7 as root with `sudo`, and remove any other versions installed by other users (isadmin or ec2-user):

```
su isadmin
```

```
pip3 uninstall -y iservicecontrol
```

Installing the powerflowcontrol (pfctl) Command-Line Utility

To locate and download the **powerflowcontrol** (pfctl) utility:

1. Go to the ScienceLogic Support site at https://support.sciencelogic.com/s/.
2. Click the **[Product Downloads]** tab and select *PowerFlow*. The **PowerFlow** page appears.
3. Click the link for the current release. The **Release Version** page appears.
4. In the **Release Files** section, click the link for the version of PowerFlow Control you want to download. The **Release File Details** page appears.
5. Click the **[Download File]** button to download the **.whl** file for the **powerflowcontrol** utility.
6. Using WinSCP or another file-transfer utility, copy the **.whl** file to a directory on the PowerFlow system.
7. Go to the console of the PowerFlow system or use SSH to access the PowerFlow system.
8. To install the utility, run the following command:

```
sudo pip3 install iservicecontrol-2.7.8-py3-none-any.whl
```

9. To check the version number of the utility, run the following command:

```
pip3 show iservicecontrol
```

© 2003 - 2023, ScienceLogic, Inc.

All rights reserved.

LIMITATION OF LIABILITY AND GENERAL DISCLAIMER

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC™ AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic™ has attempted to provide accurate information on this Site, information on this Site may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic™ assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic™ may also make improvements and / or changes in the products or services described in this Site at any time without notice.

Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: legal@sciencelogic.com. For more information, see https://sciencelogic.com/company/legal.

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010