Linux SSH Automations PowerPack

Release Notes, version 102

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Overview

Version 102 of the *Linux SSH Automations* PowerPack adds support for memory management when multiple actions that use the "Execute Commands via SSH" action type are included in a single automation policy. This release also fixes several defects.

- **Minimum Required Platform Version**: 8.10.0
- **Support Status**: GA

This document describes:

- *Pre-installation information*
- *The installation process for the PowerPack*
- *The features included in version 102*

Before You Install

Ensure that you are running version 8.10.0 or later of SL1 before installing the *Linux SSH Automations* PowerPack version 102.

CAUTION: You must install version 101 of the *Datacenter Automation Utilities* PowerPack before proceeding.

NOTE: For details on upgrading SL1, see the appropriate ScienceLogic Release Notes.

Installation Process

To install version 102 of the *Linux SSH Automations* PowerPack:

1. See the *Before You Install* section. If you have not done so already, upgrade your system to the 8.10.0 or later release.
2. Download the *Linux SSH Automations* version 102 PowerPack to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import the *Linux SSH Automations* version 102 PowerPack. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.
6. See the ***Linux SSH Automations PowerPack*** manual for instructions on using the new PowerPack.

Features

The *Linux SSH Automations* PowerPack includes automation policies that:

- Enrich SL1 events for Linux devices by automatically running diagnostic commands via a remote SSH connection.
- Run remediation commands via a remote SSH connection in response to SL1 system process events for Linux devices.

Enhancements and Issues Addressed

The following enhancements have been added in version 102 of the *Linux SSH Automations* PowerPack:

- The "Execute Commands via SSH" action type can now be used with the "Calculate Memory Size for Each Action" automation action from the *Datacenter Automation Utilities* PowerPack to include multiple collection actions in the same automation policy. (LSER-47)
- The following automation policies have been updated to include the "Calculate Memory Size for Each Action" automation action:
    - Linux SSH: Run Memory/Swap Diagnostic Commands
    - Linux SSH: Run Interface Utilization Diagnostic Commands

The following issues are addressed in version 102 of the *Linux SSH Automations* PowerPack:

- An unhandled exception, "Could not synchronize with original prompt", has been addressed. (LSER-44)
- The "Linux System-Storage Diagnostic Commands" automation action no longer includes the text "and formats the output as HTML" in the description. (LSER-42)
- Addressed an issue that caused an error when multiple auotmation actions attempted to use the same SSH key at the same time. (LSER-45)

Known Issues

The following known issues affect version 102 of the *Linux SSH Automations* PowerPack.

- When a credential other than an SSH/Key credential is used by an automation, the "Execute Commands via SSH" action outputs an appropriate error message, but the subsequent formatting action generates an unhandled exception error. (LSER-53)
- Due to a limitation in the available fields for SSH/Key Credentials, it is not possible to run commands that require sudo when authenticating with an SSH key that requires a passphrase.

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