



Linux SSH Automation PowerPack Release Notes

Version 107

Overview

Version 107 of the "Linux SSH Automation" PowerPack includes updates to make the PowerPack compatible with Python 3, and it includes content from the "Linux SSH User-Initiated Automations" PowerPack.

This PowerPack is intended to be used in conjunction with the "Linux Base Pack" PowerPack.

- **Minimum Required SL1 Version:** 12.1.2

This document covers the following topics:

Before You Install or Upgrade	2
Installation or Upgrade Process	2
Features	3
Enhancements and Issues Addressed	3
Known Issues	4

Before You Install or Upgrade

Ensure that you are running version 12.1.2 or later of SL1 before installing "Linux SSH Automations" PowerPack version 107.

NOTE: For details on upgrading SL1, see the relevant [SL1 Platform Release Notes](#).

IMPORTANT: You must install version 200 or later of the "Datacenter Automation Utilities" PowerPack before proceeding.

Installation or Upgrade Process

To install version 107 of the "Linux SSH Automation" PowerPack, perform the following steps:

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 12.1.2 or later release.
2. Download the PowerPack to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.
4. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

5. See the **Run Book Automation** manual for instructions on using the action type contained in the PowerPack.

See the **Linux SSH Automations PowerPack** manual for instructions on using the new PowerPack.

Features

This release includes the following features that let you:

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

Enhancements and Issues Addressed

The following enhancements and addressed issues are included this release:

- Made updates to make the PowerPack compatible with Python 3, including updating the libraries and execution environments for Python 3.6. (Jira ID: SOL-26694)
- The PowerPack now includes the following automation policies, and each Policy Type was updated to *Active Events/User Initiated*:
 - Linux SSH: Illicit Process Remediation
 - Linux SSH: Process Restart Remediation
 - Linux SSH: Run CPU Diagnostic Commands
 - Linux SSH: Run File System Diagnostic Commands
 - Linux SSH: Run Interface Error/Discard Diagnostic Commands
 - Linux SSH: Run Interface Utilization Diagnostic Commands
 - Linux SSH: Run Memory/Swap Diagnostic Commands
 - Linux SSH: Run System-Storage Diagnostic Commands (Jira ID: SOL-26686)

NOTE: All automation policies in the PowerPack are disabled by default and must be enabled for use.

NOTE: All automation policies in this PowerPack require the target device to be part of the "Linux Automation" device group. The only exception to this requirement is the "Linux SSH: Run CPU Diagnostic Commands" automation policy, which you can run on any device.

- The PowerPack now includes the following run book actions:
 - Linux CPU Diagnostic Commands
 - Linux File System Diagnostic Commands
 - Linux Illicit Process Remediation
 - Linux Interface Error/Discard Diagnostic Commands
 - Linux Interface Utilization Diagnostic
 - Linux Memory Dmidecode Command
 - Linux Memory/Swap Diagnostic Commands
 - Linux Process Restart Remediation
 - Linux System-Storage Diagnostic Commands
 - Linux Tcpdump Command (Jira ID: SOL-28232)
- Added a version 2.0 of the "Execute Shell Commands" action type to the PowerPack. (Jira ID: SOL-29086)

Known Issues

This release has no known issues.

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