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# Configuring SL1: Collector Affinity

SL1: Collector Affinity PowerPack version 100

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# Chapter

# 3

## Introduction

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### Overview

Enabling the Run Book Automation Policy in the *SL1: Collector Affinity* PowerPack will update the Collector Affinity setting in your Dynamic Applications to help in situations in which a user is experiencing performance degradation (sigterms) due to non-optimal affinity settings. This manual describes how to enable the Run Book Automation Policy in the *SL1: Collector Affinity* PowerPack.

The following sections provide an overview of the *SL1: Collector Affinity* PowerPack:

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### What Does the *SL1: Collector Affinity* PowerPack Monitor?

The *SL1: Collector Affinity* PowerPack enables you to automatically update the Collector Affinity setting in Dynamic Applications.

The *SL1: Collector Affinity* PowerPack includes:

- An Event Policy for indicating when the Collector Affinity setting is automatically applied
- A Run Book Action and Run Book Automation policy that apply Collector Affinity settings to Dynamic Applications.

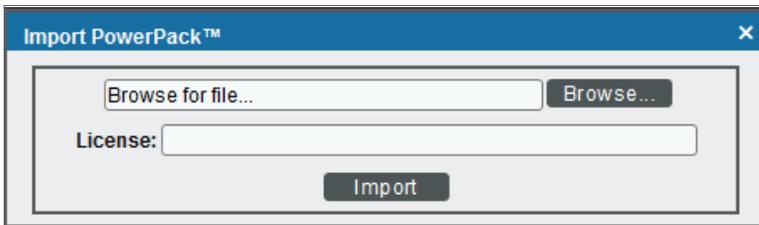
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## Installing the SL1: Collector Affinity PowerPack

Before completing the steps in this manual, you must import and install the latest version of the *SL1: Collector Affinity* PowerPack.

To install the PowerPack:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
2. In the **PowerPack Manager** page, click the **[Actions]** button, then select *Import PowerPack*.
4. The **Import PowerPack** dialog box appears:



5. Click the **[Browse]** button and navigate to the PowerPack file.
6. When the **PowerPack Installer** modal appears, click the **[Install]** button to install the PowerPack.

**NOTE:** If you exit the **PowerPack Installer** modal without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPack Manager** page. However, the imported PowerPack will appear in the **Imported PowerPacks** modal. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

## Configuring the SL1: Collector Affinity PowerPack

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### Overview

The following sections describe how to configure the *SL1: Collector Affinity* PowerPack:

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### Configuring the Run Book Action and Run Book Automation Policies

After installing the *SL1: Collector Affinity* PowerPack, you will need to enable the Run Book Action and Run Book Automation policies, as well as align a device. To do this, perform the following steps:

1. Go to the **Action Policy Manager** page (Registry > Run Book > Actions).
2. Locate the "SL1: Collector Affinity Runbook Action" Run Book Action and click its wrench icon ()
3. In the **Policy Editor** page, click the **Action State** drop-down list and select *Enabled*.
4. Click **[Save]**.
5. Go to the **Automation Policy Manager** page (Registry > Run Book > Automation).
6. Locate the "SL1: Collector Affinity Runbook Policy" policy and click its wrench icon ()
7. In the **Automation Policy Editor** page, click the **Policy State** drop-down list and select *Enabled*.
8. In the **Available Devices** pane, select a device and use the arrow buttons to move it to the **Aligned Devices** pane.
9. Click **[Save]**. The Run Book Automation Policy will be executed once every hour.

An event will be created and aligned to the organization indicating that the Run Book Action and Run Book Policy have been executed.

**NOTE:** Any changes that this Run Book Automation policy makes to the Dynamic Applications on your SL1 system will be logged. The logfile will include the Dynamic Application's unique ID, name, and the Collector Affinity setting before and after the automation was executed. You can find the log at `/data/tmp/support_collector_affinity_changes.log`

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