

# **Monitoring New Relic**

New Relic: APM PowerPack version 102

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# Chapter

# Introduction

#### Overview

This manual describes how to monitor New Relic web services in SL1 using the New Relic: APM PowerPack.

The following sections provide an overview of New Relic and the New Relic: APM PowerPack:

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#### What is New Relic?

New Relic is an Application Performance Tool (APM) that captures data and information about web-based applications. Users can measure the performance of their applications, which helps determine potential service delivery issues.

## What Does the New Relic: APM PowerPack Monitor?

To monitor New Relic web services using SL1, you must install the New Relic: APM PowerPack. This PowerPack enables you to discover, model, and collect data about New Relic web services.

The New Relic: APM PowerPack includes:

- A sample credential you can use as a template to create SOAP/XML credentials to connect to the New Relic services you want to monitor
- Dynamic Applications to discover, model, and monitor performance metrics, and to collect configuration data for New Relic services
- Device Classes for each of the New Relic services SL1 monitors
- Event Policies and corresponding alerts that are triggered when New Relic services meet certain status criteria
- Device dashboards that display information about New Relic services

**NOTE**: The PowerPack does not model applications with "reporting: false" statuses.

#### Installing the New Relic: APM PowerPack

Before completing the steps in this manual, you must import and install the latest version of the New Relic: APM PowerPack.

**NOTE**: Ensure that you do not have the New Relic: APM Pro PowerPack installed before installing the New Relic: APM PowerPack. These PowerPacks are not compatible. If you have the New Relic: APM Pro PowerPack installed, it will need to be uninstalled prior to installing the New Relic: APM PowerPack. The historical data from the New Relic: APM Pro PowerPack will be deleted when it is uninstalled.

TIP: By default, installing a new version of a PowerPack overwrites all content from a previous version of that PowerPack that has already been installed on the target system. You can use the Enable Selective PowerPack Field Protection setting in the Behavior Settings page (System > Settings > Behavior) to prevent new PowerPacks from overwriting local changes for some commonly customized fields. (For more information, see the System Administration manual.)

To download and install a PowerPack:

- 1. Download the PowerPack from the ScienceLogic Customer Portal.
- 2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 3. In the **PowerPack Manager** page, click the **[Actions]** button, then select Import PowerPack.

4. The Import PowerPack dialog box appears:

Impo	rt PowerPack™	×
	Browse for file Browse License: Imp ort	

- 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*.

# Chapter

# 2

# **Configuration and Discovery**

#### Overview

The following sections describe how to configure and discover New Relic services for monitoring by SL1 using the *New Relic: APM* PowerPack:

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### Prerequisites for Monitoring New Relic Services

To configure the SL1 system to monitor New Relic services using the New Relic: APM PowerPack, you must first have the following information about the New Relic services that you want to monitor for each account and subaccount:

• A New Relic REST API key. To generate the REST API key, go to the Account Settings page for your New Relic account.

- The username and password for your New Relic service.
- Insights Query Key. This is optional. Add this to the credential if you want to discover infrastructure groups used for server monitoring. You can generate this from your Insights account.

**NOTE**: Ensure that you do not have the New Relic: APM Pro PowerPack installed before installing the New Relic: APM PowerPack. These PowerPacks are not compatible. If you have the New Relic: APM Pro PowerPack installed, it will need to be uninstalled prior to installing the New Relic: APM PowerPack. The historical data from the New Relic: APM Pro PowerPack will be deleted when it is uninstalled.

## Creating a SOAP/XML Credential for New Relic

To configure SL1 to monitor New Relic services, you must create a SOAP/XML credential. This credential allows the Dynamic Applications in the New Relic: APM PowerPack to communicate with your New Relic service.

To configure a SOAP/XML credential to access New Relic:

- 1. Go to the Credential Management page (System > Manage > Credentials).
- 2. Locate the New Relic | Proxy Example credential, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click its wrench icon (*Proxy Example credential*, and then click
- 3. Enter values in the following fields:

Edit SOAP/XML Credential #95       New         Basic Settings       Soap Options         Profile Name       Content Encoding       Method       HTTP Version         New Relic   Proxy Example       [[text/xml]]       [[GET]]       [[HTTP/1.1]]         URL [ https://api.newrelic.com       Image: Soap Options       Embedded Password [%oP]         https://api.newrelic.com       Image: Soap Options       Embedded Password [%oP]         HTTP Auth User       HTTP Auth Password       Timeout (seconds)         [API_KEY_GOES_HERE]       5       Embed Value [%o3]       Embed Value         Proxy Settings       Hostname/IP       Port       User       Image: Soap Options         HTTP Headers       + Add a header       Add a header	
Basic Settings       Soap Options         Profile Name       Content Encoding       Method       HTTP Version         New Relic   Proxy Example       [ text/xml ]       ( [GET ]       ( [HTTP/1.1 ]         URL [ http(s)://Host:Port/Path 1 %D = Aligned Device Address 1 %N = Aligned Device Host Name ]       Embed Value [%1]       Embed Value [%1]         https://api.newrelic.com       HTTP Auth User       HTTP Auth Password       Timeout (seconds)       Embed Value [%3]       Embed Value [%3]         [APT: _KEY_GOES_HERE]       [ 5       Embed Value [%3]       Embed Value [%3]       Embed Value [%3]         Proxy Settings       Hostname/IP       Port       User       HTTP Headers         + Add a header       1       Method       HTTP Headers	eset
Proxy Settings Hostname/IP Port User + Add a header	[%2] [%4]
· · · · · · · · · · · · · · · · · · ·	
CURL Options CAINFO CAPATH CLOSEPOLICY COOKIE COOKIE COOKIELAR COOKIELIST CRLF CRLF CUSTOMREQUEST DNSCACHETIMEOUT	

#### **Basic Settings**

• Profile Name. Type a new name for the credential.

- URL. Leave this field as the default ("https://api.newrelic.com").
- HTTP Auth User. Type your New Relic API key in this field.
- HTTP Auth Password. Leave this field blank.

#### **SOAP Options**

- **Embedded Password [%P]**. Type the Insights Query Key in this field if you want to discover infrastructure groups for server monitoring. If you do not have an Insights account, leave this field blank.
- Embed Value [%1]. Type the ID number for your New Relic account.
- *Embed Value [%3]*. To collect data with New Relic object tags, you must enter a New Relic user key into this field. New Relic user keys begin with "NRAK-" followed by an alpha-numeric value. Leave this field blank if you do not wish to collect tags.

**NOTE**: There are several system-defined tags that are automatically applied by New Relic. To avoid duplicate data, SL1 does not collect these tags and will collect only user-defined tags.

- 4. For all other fields, use the default values.
- 5. Click the [Save As] button.

#### Discovering New Relic Component Devices

To model and monitor your New Relic devices, you must run a discovery session to discover your New Relic services.

WARNING: If you have multiple New Relic accounts and sub-accounts to discover, follow the steps in the Discovering Additional New Relic Accounts section.

**NOTE**: The PowerPack does not model applications with "reporting: false" statuses.

Several minutes after the discovery session has completed, the Dynamic Applications in the New Relic: APM PowerPack should automatically align to the services and then discover, model, and monitor the remaining New Relic component devices.

To discover the New Relic service that you want to monitor, perform the following steps:

- 1. Go to the **Discovery Control Panel** page (System > Manage > Discovery).
- 2. In the Discovery Control Panel, click the [Create] button.

3. The **Discovery Session Editor** page appears. In the **Discovery Session Editor** page, define values in the following fields:



- Name. Type a name for the discovery session.
- IP Address/Hostname Discovery List. Type "api.newrelic.com".
- Other Credentials. Select the SOAP/XML credentials you created for the New Relic service.
- Discover Non-SNMP. Select this checkbox.
- Model Devices. Select this checkbox.
- 4. Optionally, you can enter values in the other fields on this page. For more information about the other fields on this page, see the **Discovery & Credentials** manual.
- 5. Click the [Save] button to save the discovery session and then close the Discovery Session Editor window.
- 6. The discovery session you created appears at the top of the **Discovery Control Panel** page. Click its lightning bolt icon (*F*) to run the discovery session.
- 7. The **Discovery Session** window appears. When the device is discovered, click the device icon () to view the **Device Properties** page for each device.

## Discovering Additional New Relic Accounts

If you have already discovered a New Relic account and want to discover additional New Relic accounts, you must create a credential for each account you want to discover, edit the New Relic device template for each new account, and then create a virtual device to which you will align the template.

#### **Create Credentials**

Using the steps outlined in the Creating a SOAP/XML Credential for New Relic section, create a credential for each additional New Relic account you want to discover.

#### Edit the Device Template

A *device template* allows you to save a device configuration and apply it to multiple devices. The *New Relic: APM*PowerPack includes the "New Relic Virtual Device Template Example". You must configure a device template for each additional New Relic account you want to discover.

If you configure this device template correctly, once you align the template to the New Relic virtual device, SL1 will use the device template to automatically align the New Relic discovery Dynamic Applications and start collecting data.

To configure the New Relic device template:

- 1. Go to the **Configuration Templates** page (Registry > Devices > Templates).
- 2. Locate the "New Relic Virtual Device Template Example" and click its wrench icon (<sup>2</sup>). The **Device Template Editor** page appears.
- 3. Click the [Dyn Apps] tab. The Editing Dynamic Application Subtemplates page appears.

4. Complete the following fields:

Device Template Editor I Editing Dynamic A	pplication Subtemplates (Click field labels to	o enable/disable them)		Ne	w Reset		
Template Name New Relic Virtual Device Template Example							
Config Interface	CV Policies Port Policies	Svc Policies	Proc Policies	Dyn Apps	Logs		
Subtemplate Selection 1. App: New Relic: APM Discovery &  2. App: New Relic: APM Events 3. App: New Relic: APM Infrastructure Add New Dynamic App Sub-Template	Template Application Behavior All devices (align new applications and upp Dynamic Application Settings	Align Dynamic date collection states)	Application With		~		
	New Relic: APM Discovery & Collection C	Dynamic A Cache	pplication		<b>~</b>		
	Cred	lentials		Poll Rat	ie in the second		
	Account Cache Status Application Cache Status Account Discovery Account Name Account ID Availability Product Type Service Start Date Admin Email Data Collection & Cache Status	Dynamic Application P Enabled v Enabled v	resentation Object(s)				
	Raw Data Retention	Save As	· · ·	5 days			

- **Template Name**. Type a new name for the device template.
- Credentials. Select the SOAP/XML credential that you created for the New Relic account.
- 5. Click the next Dynamic Application listed in the **Subtemplate Selection** section on the left side of the page and then select the New Relic SOAP/XML credential in the **Credentials** field.
- Repeat step 5 until the you have selected the New Relic SOAP/XML credential in the Credentials field for all of the Dynamic Applications listed in the Subtemplate Selection section.
- 7. Click [Save As].

**NOTE**: You must rename the sample **New Relic Virtual Device Template Example** and click **[Save As]** to save it. If you do not rename the device template, then your device template will be overwritten the next time you upgrade the *New Relic: APMPowerPack*.

#### Create a Virtual Device

To discover an additional New Relic account, you must create a **virtual device** that represents the New Relic account. A virtual device is a user-defined container that represents a device or service that cannot be discovered by SL1. You can use the virtual device to store information gathered by policies or Dynamic Applications.

To create a virtual device that represents your New Relic account:

- 1. Go to the **Device Manager** page (Registry > Devices > Device Manager).
- 2. Click the **[Actions]** button and select Create Virtual Device from the menu. The **Virtual Device** modal page appears:

Virtual Device		×
Create Virtual Device		Reset
Device Name	New Relic Virtual Device	
Organization	NewRelic	~
Device Class	New Relic, Inc.   Service Device	~
Collector	CUG_Automation	~
	Add	

- 3. Complete the following fields:
  - Device Name. Type a name for the virtual device.
  - **Organization**. Select the organization for this device. The organization you associate with the device limits the users that will be able to view and edit the device. Typically, only members of the organization will be able to view and edit the device.
  - Device Class. Select New Relic, Inc. | Service Device.
  - Collector. Select the collector group that will monitor the device.
- 4. Click **[Add]** to create the virtual device.
- 5. In the **Device Manager** page (Registry > Devices > Device Manager), select the checkbox ( $\checkmark$ ) for the virtual device that you just created.
- 6. Click the Select Actions drop-down and select MODIFY By Template from the menu and click [Go].
- 7. In the **Device Template Editor**, use the **Template** drop-down to select the device template that you created for the New Relic account and click the **[Apply]** button.
- 8. Click the [Confirm] button to save your changes.

Template [New Relic Vir	tual Device Ten	nplate 🗸 🛛 Sa	we When A	Applied & Confirm	ned Template N	lame New Re	lic Virtual Device Templa	te Example
Config	Interface	CV Polici	es	Port Policies	Svc Policies	Proc Polic	ies Dyn Apps	Logs
ccess & Monitoring							Device Preferences	
Device Organization	NewRelic		<b>v</b>		•		Auto-Clear Events	Scan All IPs
SNMP Read	Cisco SNMPv	2 - Example	~	SNMP Write	Mone	~		
Availability Protocol	TCP		~	Avail Port	ICMP	~	Accept All Logs	Dynamic Discovery
Latency Protocol	TCP		~	Latency Port	ICMP	~		
Avail+Latency Alert	Disabled		~				Daily Port Scans	Preserve Hostname
Collection	Enabled		~	Collector Grp	CUG Automation	~		
Coll Type	Standard						Auto-Update	Disable Asset Update
Oritical Disc	Standard							
Chical Ping	Disabled		~				Bypass Interface	
Event Mask	Disabled		*				Inventory	
evice Retention & Basic	Thresholds							
System Latend	<sup>y</sup>	1	_	100 ms	Daily Rollup Bandwidth Data	1	<u> </u>	730 days
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Availabililty Packet Siz	e <b>4</b> 1	I		56 bytes	Raw Performance Data	ii————————————————————————————————————	1 1	7 days
Availability Ping Cou	nt 刘	1	-	1 pings	Daily Rollup			720 dava
					Performance Data			750 days

## Verifying Discovery and Dynamic Application Alignment

To verify that SL1 has automatically aligned the correct Dynamic Applications during discovery:

- After discovery has completed, click the device icon for the New Relic service (). From the Device Properties page for the New Relic service, click the [Collections] tab. The Dynamic Application Collections page appears.
- 2. All applicable Dynamic Applications for the service are automatically aligned during discovery.

**NOTE:** It can take several minutes after the discovery session has completed for Dynamic Applications to appear in the **Dynamic Application Collections** page.

Close Logs	<u>P</u> roperties T <u>o</u> olbox	T <u>h</u> resholds <u>I</u> nterfaces	<u>C</u> ollections <u>R</u> elationships	<u>M</u>	lonitors [ickets	<u>S</u> chedule Redirects	<u>N</u> otes		<u>A</u> ttributes	1	
Device Name IP Address / ID Class Organization Collection Mode Description Device Hostname	api 162.247.242.11   1698 New Relic, Inc. New_Relic Active api.newrelic.com			G	Managed Type Category Sub-Class Uptime Collection Time iroup / Collector	Physical Device APM Service Device (Ping: 0 days, 00:00:00 2019-09-05 15:14:00 CUG_Automation   KN	able) IT-ISO1-CU1-53			New R	Relic.
Dynamic Applicat	tion <sup>™</sup> Collections							Expand	Actions	Reset G	uide
+ New Relic: AP! + New Relic: AP!	Dynam M Discovery & Collection M Events	<u>lic Application</u> Cache		D 2335 2351	Poll Freque 5 mins 5 mins	ncy T Snippet Config Snippet Config	<u>ype</u> juration juration	New Relic New Relic	Credential   Proxy Test   Proxy Test	Collector KNT-ISO1-CU1-53 KNT-ISO1-CU1-53	
+ New Relic: API	vi intrastructure Group D	scovery		2355	15 mins	Snippet Config	uration	New Relic	Proxy Test	KN1-ISO1-CU1-53	
							[Select	Action]		•	Go
					Save						

You should see the following Dynamic Applications aligned to the New Relic service:

- New Relic: APM Discovery & Collection Cache
- New Relic: APM Events
- New Relic: APM Infrastructure Group Discovery

If the listed Dynamic Applications have not been automatically aligned during discovery, or you want to align more Dynamic Applications, you can align them manually. To do so, perform the following steps:

1. Click the **[Action]** button, and then select *Add Dynamic Application*. The **Dynamic Application Alignment** page appears:



- 2. In the Dynamic Applications field, select the Dynamic Application you want to align.
- 3. In the **Credentials** field, select the credential specified in the table.
- 4. Click the [Save] button.
- 5. Repeat steps 1-4 for any other unaligned Dynamic Applications.

### Relationships with Other Types of Component Devices

Additionally, the Dynamic Applications in the New Relic: APM PowerPack can automatically build relationships between New Relic devices and other associated devices:

- If you discover Linux devices using the Dynamic Applications in the *Linux Base Pack* PowerPack version 102 or later, SL1 will automatically create relationships between New Relic devices and Linux servers.
- If you discover Windows servers using the Dynamic Applications in the *Microsoft Base Pack* PowerPack version 107 or later, SL1 will automatically create relationships between New Relic devices and Windows servers.
- If you discover Windows servers using the Dynamic Applications in the *Microsoft: Windows Server* PowerPack version 108 or later, SL1 will automatically create relationships between New Relic devices and Windows servers.

## Viewing New Relic Component Devices

sln addition to the **Device Manager** page (Registry > Devices > Device Manager), you can view the New Relic service and all associated component devices in the following places in the user interface:

• The **Device View** modal page (click the bar-graph icon [**11**] for a device, then click the **Topology** tab) displays a map of a particular device and all of the devices with which it has parent-child relationships. Double-click to select any listed device. This reloads the page to make the selected device the primary device.

**NOTE:** When you discover multiple New Relic accounts and sub-accounts, the top level device is shown as "api", which you can change as desired. The figure below shows that we have two different accounts discovered, as well as New Relic servers.



• The **Device Components** page (Registry > Devices > Device Components) displays a list of all root devices and component devices discovered by SL1 in an indented view, so you can easily view the hierarchy and relationships between child devices, parent devices, and root devices. To view the component devices associated with a New Relic service, find the service and click its plus icon (+):

Device Cor	nponents   Devices Found [17]								Actions	Reset Guide
10. – 🎤 👔	api	50.31.164.158	Pingable	Ping   ICMP	377	New Relic	🛦 Healthy C	UG_Automation	Active	10 <b>10</b> 10 10 10 10 10 10 10 10 10 10 10 10 10
	Device Name *	IP. Address	Device Category	Device Class   Sub-class		Organization	Current State	Collection Group	Collection State	2
1	🥕 📶 Infrastructure		APM	New Relic, Inc.   Infrastructure Group	378	New Relic	A Healthy	CUG_Automation	Active	10 X N &
	Device Name *	IP Address	Device Category	Device Class   Sub-class	DID	Organization	Current State	Collection Group	Collection State	Ø
	🤌 🔐 content-docs		Host	New Relic, Inc.   Server	1383	New Relic	A Healthy C	CUG_Automation	Active	• ¥ • 28
1		•	Host	New Relic, Inc.   Server	379	New Relic	1 Major	CUG_Automation	Unavailable	
3	🤌 📶 knt-linux-2	· ·	Host	New Relic, Inc.   Server	381	New Relic	🕧 Major 🛛 🛛	2UG_Automation	Unavailable	10 X N B
4	A KNT-win12	•	Host	New Relic, Inc.   Server	1384	New Relic	(1) Major C	CUG_Automation	Unavailable	۵ 🛠 📾 📾
	🥍 🚮 KNT-win12	· ·	Host	New Relic, Inc.   Server	380	New Relic	🕧 Major 🛛 C	CUG_Automation	Unavailable	10 <b>13</b> 10 <u>25</u> 10
	🤌 🚮 rstist006w1601	۰. ۳	Host	New Relic, Inc.   Server	1385	New Relic	A Healthy C	CUG_Automation	Active	ا 🔉 🕫 😆 📾
2. –	🤌 📶 ScienceLogic, Inc1		APM	New Relic, Inc.   APM Service	382	New Relic	<u>∆</u> Healthy C	UG_Automation	Active	108∞≈ ₹
	Device Name •	IP Address	Device Gatevory	Device Class   Sub-class		<u>Oroanization</u>	Current State >=Heath ▼	Collection Grown	Collection State	Ø
	I. + Pail NET Applications	۰. ۳	APM	New Relic, Inc.   .NET Applications Group	384	New Relic	A Healthy	CUG_Automation	Active	🖶 🎜 🗞 😹 🗌
	2. + 🤌 🚮 Go Applications	۰. ۳	APM	New Relic, Inc.   Applications Group	385	New Relic	🛕 Healthy 🛛	CUG_Automation	Active	ه 🕫 🕲 📾
1	8. 🕂 🥕 🚮 Java Applications		APM	New Relic, Inc.   Java Applications Group	383	New Relic	A Healthy	DUG_Automation	Active	<b>⇒</b> ⊅ ⊗ <u>&amp;</u> _
4	🛛 🕂 🥜 📶 NodeJS Applications		APM	New Relic, Inc.   NodeJS Applications Group	388	New Relic	🛕 Healthy C	CUG_Automation	Active	📾 🔁 🗞 🚨 🗔
	5. + 🤌 🚮 PHP Applications	۰. ۳	APM	New Relic, Inc.   PHP Applications Group	386	New Relic	🛕 Healthy 🖸	DUG_Automation	Active	■ 23 % A
	8. + 🤌 🔐 Python Applications	· ·	APM	New Relic, Inc.   Python Applications Group	397	New Relic	A Healthy C	CUG_Automation	Active	🖶 🔁 🗞 🔜 🗔
;	🗧 🥜 📶 Ruby Applications	· -	APM	New Relic, Inc.   Ruby Applications Group	387	New Relic	🛕 Healthy 🛛	CUG_Automation	Active	10 <b>15</b> 10 <u>26</u> -
	Device Name •	IP Addre	sa Caleo	s av. <u>Device Class   Sub-class</u>		D Organization	<u>Current</u> Släte >=Health ▼	Collection Group	Collection State	
	1. 🥕 📶 MyRubyApp	۰. ۲	Application	New Relic, Inc.   Ruby Application	395	New Relic	🚹 Major 🛛 🤇	CUG_Automation	Unavailable	10 I N N A -
								[[5	elect Action)	▼ Go

The Component Map page (Classic Maps > Device Maps > Components) allows you to view devices by root node and view the relationships between root nodes, parent components, and child components in a map. This makes it easy to visualize and manage root nodes and their components. SL1 automatically updates the Component Map as new component devices are discovered. The platform also updates each map with the latest status and event information. To view the map for a New Relic service, go to the Component Map page and select the map from the list in the left NavBar. To learn more about the Component Map page, see the Views manual.



# Chapter



## Dashboards

#### Overview

The following section describes the device dashboards that are included in the New Relic: APM PowerPack:

Device Dashboards	
New Relic: APM Application	
New Relic: APM Applications Group	
New Relic: APM Server	

## Device Dashboards

The New Relic: APM PowerPack includes device dashboards that provide summary information for New Relic applications and applications groups.

#### New Relic: APM Application



The New Relic: APM Application device dashboard displays the following information:

- Apdex Score
- End-User Apdex Score
- Error Rate
- CPU Usage
- Apdex Score Percent over a period of time
- CPU Usage and Busy Time over a period of time
- Requests and Response Time over a period of time
- Memory Usage over a period of time

#### New Relic: APM Applications Group

Close         Summary         Performance         Tgpology           Logs         Events         Tickets         Software           Device Dashboard: [New Relic: APM Applications Group V]         Image: Complexity of the second	Configs         Journals         Interfaces           Processes         Services         TCP/UDP Ports         Organization
Device Name         Go Applications           ID         1703           Class         New Relic, Inc.           Organization         New Relic           Root Device         api           Parent Device         ScienceLogic, Inc_1           Device Hostname         Device Hostname	Managed Type       Component Device         Category       APM         Sub-Class       Applications Group         Uptime       0 days, 00:00:00         Group / Collector       CUG_Automation   KNT-ISO1-CU1-53
Health Status Count           1.08Apps           1.04Apps           1.02Apps           1.02Apps           0.98Apps           0.98Apps           0.98Apps	Health Status Percent       Elements         100%       Active Event       3         80%       Cleared Event       3         80%       Log Message       4         40%       TCP Ports       -         90%
03:00 06:00 06:00 12:00 Go Applications: Health Status Counts (Apps)	03:00 06:00 09:00 12:00 
Topology Map	Device Logs           Date Time         ft         Sevent         Message           V         Source         D         X.           All         V         Source         D           2019-09-         Intern:         It         Notice         New child component device found: Example Go App (Class: New Relic, 2019-09-           2019-09-         Intern:         It         Notice         New child component device record created (Class: New Relic, Inc.   Applicatio           2019-09-         Intern:         It         Notice         Added dynamic application for device: New Relic: APM Application H           2019-09-         Intern:         It         Notice         Added dynamic application for device: New Relic: APM Applications I

The New Relic: APM Applications Group device dashboard displays the following information:

- Health Status Count over a period of time
- Health Status Percent over a period of time
- Topology Map
- Device Logs

#### New Relic: APM Server



The New Relic: APM Server device dashboard displays the following information:

- CPU and Memory over a period of time
- Events associated with the server
- Availability
- Stolen CPU
- CPU System & User over a period of time
- Disk Reads & Writes over a period of time
- Swap & Memory Usage over a period of time

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