



INSTALLATION NEWRELIC AGENTS

by **magecom**



New Relic is a company that develops cloud-based software to help website and application owners track the performances of their services.

With New Relic, you can:

- **Bring all your data together:** Consolidate data from across your technology stack so you can see it in one place.
- **Analyze your data:** Get all your data at your fingertips (whether it's metrics, events, logs, or traces) to find the root causes of problems and optimize your systems.

No matter what kind of data you're reporting, New Relic's data platform can scale to handle enormous volumes of data in a cost-efficient way. Moreover, New Relic gives you a platform that can alert you to problems and help you organize, process, and understand your data.

Installation NewRelic agents

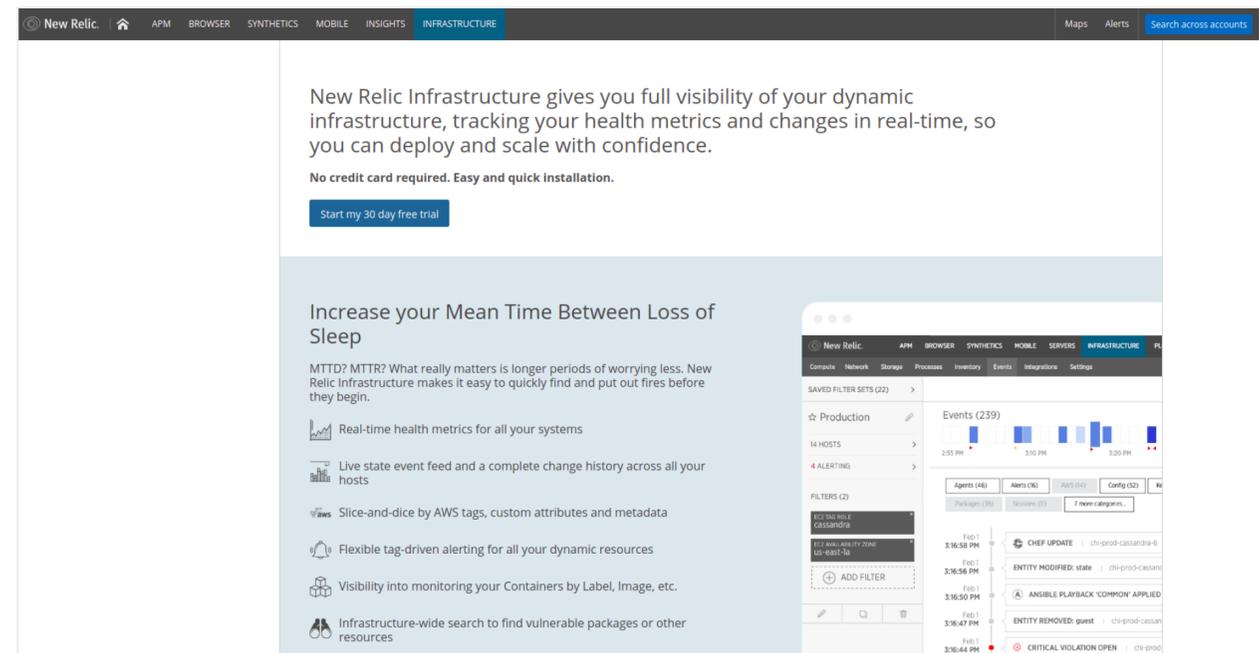
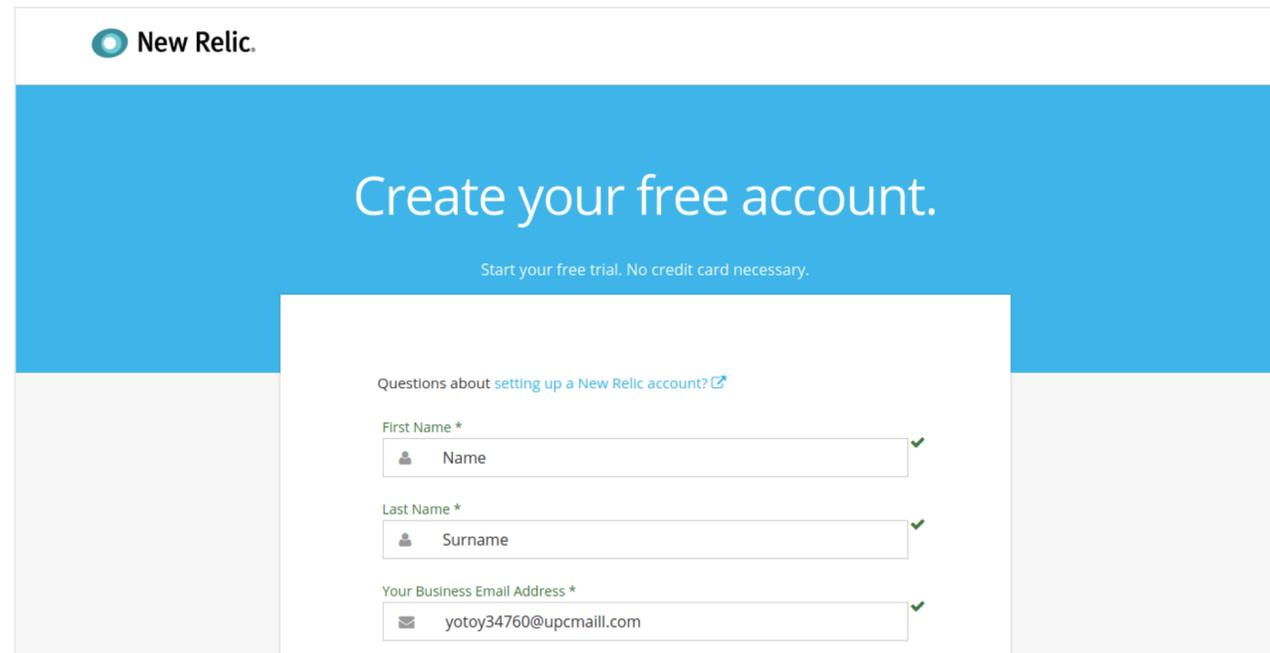
- Installation NewRelic agent to monitor the entire system. Ubuntu example
- Installation NewRelic agent to monitor Magento 2

Installation NewRelic agent to monitor the entire system. Ubuntu example

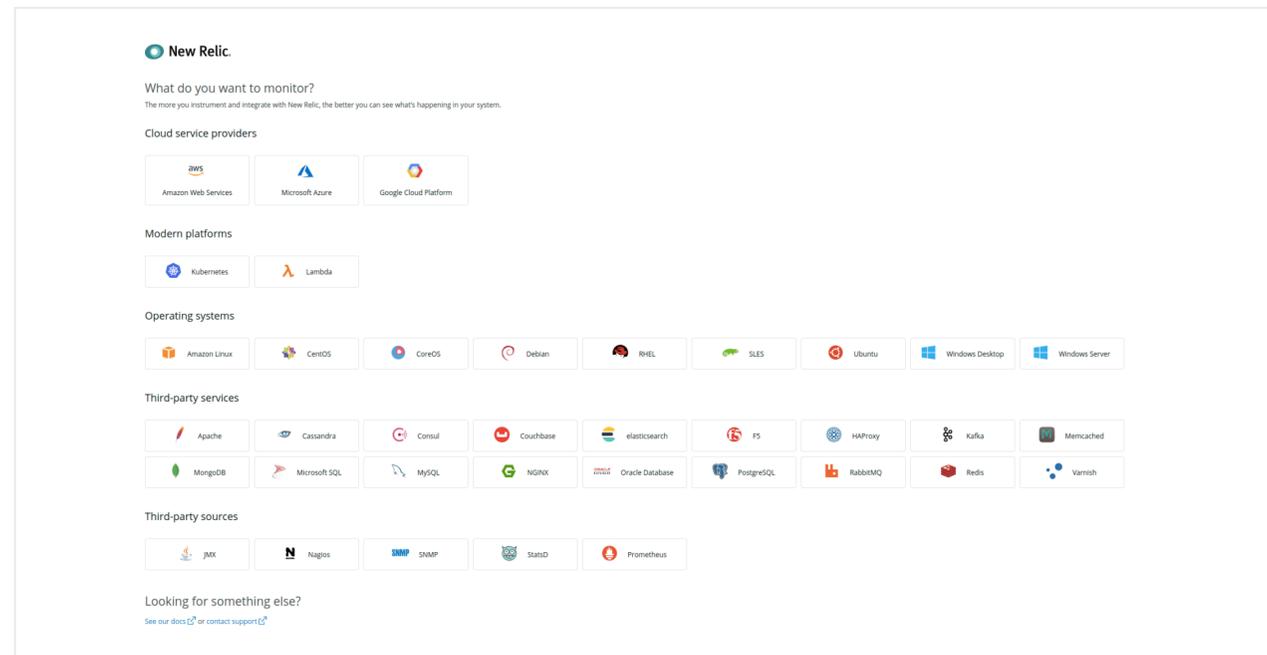
A New Relic agent is a piece of software that you install on a host or in an application that sends performance data to New Relic.

The following steps have to be executed to install the NewRelic connector:

1. Create your personal account by the link: <https://newrelic.com/signup>
2. Approve your email and login in your account
3. Open the «INFRASTRUCTURE» page and start your trial period

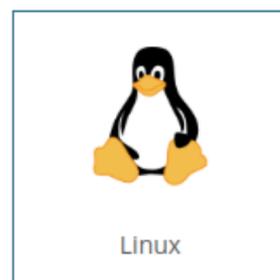


4. Select what you want to monitor. For instance, we select Ubuntu

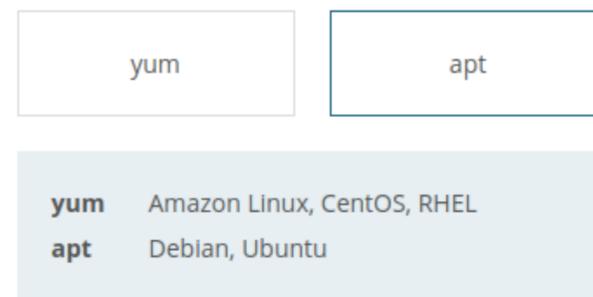


5. Execute the following commands related to your OS version and click «Show me my data» button

Select platform:



Select installer:



5.1. Create a configuration file and add your licence key

```
echo "license_key: _____" | sudo tee -a /etc/newrelic-infra.yml
```



You can add extra configurations that fine-tune your agent's behavior and collect custom attributes

5.2. Enable New Relic's GPS Key

```
curl https://download.newrelic.com/infrastructure_agent/gpg/newrelic-infra.gpg | sudo apt-key add -
```

5.3. Create the agent's apt repo using the command for your distribution version

Debian 7 («Wheezy»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt wheezy main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Debian 9 («Stretch»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt stretch main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Debian 8 («Jessie»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt jessie main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Debian 10 («Buster»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt buster main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Ubuntu 12 («Precise»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt precise main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Ubuntu 14 («Trusty»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt trusty main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Ubuntu 16 («Xenial»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt xenial main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

Ubuntu 18 («Bionic»)

```
printf "deb [arch=amd64] http://download.newrelic.com/infrastructure_agent/linux/apt bionic main" | sudo tee -a /etc/apt/sources.list.d/newrelic-infra.list
```

5.4. Update your apt cache

```
sudo apt-get update
```

5.5. Run the install script

```
sudo apt-get install newrelic-infra -y
```

5.6. Get started

Wait a few seconds, and your data should begin appearing!



You can integrate with your Amazon Elastic Compute Cloud (Amazon EC2) account for dynamic-tagging and autoscaling properties

6. Under the Hosts tab, you will be able to monitor your system, network, processes, storage, and even docker containers

The screenshot displays the NewRelic Hosts monitoring page for a host named 'petrychenko'. The interface includes a navigation bar with tabs for Hosts, Inventory, Events, AWS, Azure, GCP, Third-party services, Kubernetes, and Settings. A sidebar on the left shows filter settings for the host, including a 'New filter set' section with tabs for System, Network, Processes, Storage, and Docker Containers. The main content area features three line charts: CPU %, Load Average Five Minute, and Memory Used %, all for the host 'petrychenko' in the America/Los_Angeles (UTC -7) time zone. Below the charts is a table with columns for View, Host, Health, CPU %, Load Average One Minute, Memory Used %, Applications, CPU User %, CPU System %, and CPU I/O.

VIEW	HOST	HEALTH	CPU %	LOAD AVERAGE ONE MINUTE	MEMORY USED %	APPLICATIONS	CPU USER %	CPU SYSTEM %	CPU I/O
	petrychenko	🚫 0 🚩 0	13%	2.29	33%	---	10%	3%	0%

Installation NewRelic agent to monitor Magento 2

Magento Commerce Cloud accounts include the software for the New Relic APM service along with a license key. In this case, you do not need to purchase or install any additional software.

1. Create your personal account by the link: <https://newrelic.com/signup>
2. Approve your email and login in your account
3. Select APM and PHP

The image shows two screenshots from the New Relic website. The left screenshot is the 'Create your free account' page, which includes a form with the following fields: 'First Name *' (with a placeholder 'Name'), 'Last Name *' (with a placeholder 'Surname'), and 'Your Business Email Address *' (with the placeholder 'yotoy34760@upcmaill.com'). Each field has a green checkmark to its right. Above the form, there is a link: 'Questions about setting up a New Relic account?'. The right screenshot shows the 'Get started with New Relic' page. It features a navigation bar with 'New Relic' and 'APM' (highlighted) and other categories: 'BROWSER', 'SYNTHETICS', 'MOBILE', 'PLUGINS', 'INSIGHTS', and 'INFRASTRUCTURE'. Below the navigation bar is a light blue banner that says 'New Relic has new features. Read about them in the FAQ.' The main content area is titled 'Get started with New Relic' and 'Select a web agent to install.' It displays seven icons for different web agents: Ruby, PHP, Java, Microsoft .NET, Python, Node.js, and Go. A large 'G' icon is also visible below the other icons.

4. Execute the commands provided by the NewRelic manual

Before you begin

You will need:

1. Administrator access to the computer on which you will install.
2. Ability to configure any firewalls or proxies to allow the agent to report data to New Relic.

4.1. Get your license key

Reveal license key

4.2. Install the PHP agent

Select your environment:

RPM-based (Redhat, Centos, etc.)

Debian-based (Debian, Ubuntu, etc.)

All others (using tarballs)

Debian-based (Debian, Ubuntu, etc.)

Add our repository:

```
wget -O - https://download.newrelic.com/548C16BF.gpg | sudo apt-key add -
```

```
sudo sh -c 'echo "deb http://apt.newrelic.com/debian/ newrelic non-free" \  
> /etc/apt/sources.list.d/newrelic.list'
```

Install the package and configure it:

```
sudo apt-get update  
sudo apt-get install newrelic-php5
```

4.3. Add your PHP license key

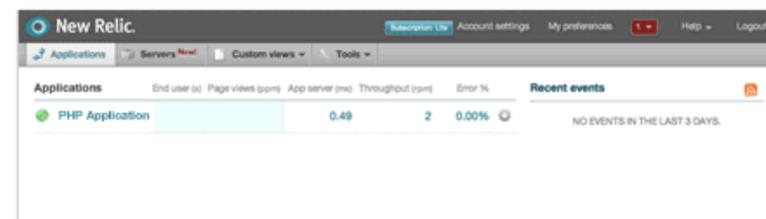
Add your license key to the file you've set up with your New Relic properties: **newrelic.ini** or **php.ini**.

Your license setting:

```
newrelic.license="<your-key-goes-here>"
```

4.4. Stop and Start your PHP services

Stop and Start httpd, nginx, php-fpm, etc. In a few minutes, your application will send data to New Relic. Once New Relic receives the data, your application will be listed here. The page will look similar to:



4.4. See data in 5 minutes

In a few minutes, your application will send data to New Relic and you'll be able to start monitoring your application's performance. You will also be automatically upgraded to New Relic Pro for a limited time.

You won't see any data in your dashboard until restart has completed.

Listen for my application

▶ Deployed and still not seeing your data?

5. Go to your Magento admin panel under Stores > Settings > Configuration

6. In the left panel where General is expanded, choose New Relic Reporting, and do the following:

General ⊖

Enable New Relic Integration [store view] Use system value

New Relic API URL [store view] Use system value

Insights API URL [store view] Use system value
Use %s to replace the account ID in the URL

New Relic Account ID [store view]
"Need a New Relic account? [Click here to get one](#)"

New Relic Application ID [store view]
This can commonly be found at the end of the URL when viewing the APM after "/applications/"

New Relic API Key [store view]
This is located by navigating to Events -> Deployments from the New Relic APM website

Insights API Key [store view]
Generated under Insights in Manage data -> API Keys -> Insert Keys

New Relic Application Name [store view]
This is located by navigating to Settings from the New Relic APM website

Send Adminhtml and Frontend as Separate Apps [store view] Use system value
In addition to the main app (which includes all PHP execution), separate apps for adminhtml and frontend will be created. Requires New Relic Application Name to be set.

7. Set Enable New Relic Integration to «Yes»

8. In the Insights API URL, replace the percent (%) symbol with your New Relic Account ID

9. Enter your New Relic Account ID. `https://rpm.eu.newrelic.com/accounts/here_is_your_account_id`

10. Enter your New Relic Application ID

https://rpm.eu.newrelic.com/accounts/here_is_your_account_id/applications/here_is_your_application_id

11. Enter your New Relic API Key. Open your account settings and open API keys under INTEGRATIONS section

12. Enter your Insights API Key. To get this key, click on the link Insights API keys under INTEGRATIONS section open API keys

13. In the New Relic Application Name field, enter a name to identify the configuration for internal reference

14. (Optional) For the Send Adminhtml and Frontend as Separate Apps field, select «Yes» to send collected data for the storefront and Admin as separate apps to New Relic

This option requires a name entered for the New Relic Application Name

15. Enable Cron for New Relic Reporting by expanding the Cron section

16. Set Enable Cron to «Yes»

17. Save configuration

18. Clear cache and run Magento cron jobs

19. Open APM section: <https://rpm.eu.newrelic.com/apm/>

20. Select your configured application to start monitoring Magento.

Well done!



Contact us

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magecom