



Tutorial para replicar la instalación y seguimiento de su flujo de Monitoreo con New Relic

Grupo 27

1. Backend

a. Monitoreo de infraestructura

1. Crear cuenta de New Relic en caso de no tener una.
2. Ir a integraciones y agentes.
3. Seleccionar la opción Linux.

The screenshot shows the 'Integrations & Agents' section of the New Relic interface. On the left, there's a sidebar with navigation links such as 'Quick Find', '+ Integrations & Agents' (which is selected), 'All Capabilities', 'All Entities', 'Dashboards', 'Query Your Data', 'API & Services', 'Logs', 'Traces', 'Synthetic Monitoring', 'Alerts', 'Infrastructure', 'Kubernetes', 'Browser', 'Mobile', 'Errors Inbox', and 'Apps'. The main area has a header 'Integrations & Agents' with a search bar and a 'Collection = All' button. Below this, there are three featured sections: 'New Relic Control' (NEW), 'Pipeline Control', and 'Fleet Control' (Preview). Each section has a brief description, a 'See our docs' link, and a 'Set up' or 'Install' button. At the bottom, there's a 'Recommended' section with tiles for Node.js, Java, Browser monitoring, .NET, New Relic...cture agent, Python, Linux, Kubernetes, React, Windows, and OpenTelemetry.

4. Ingresar user key o crear una si no la tienes.

The screenshot shows the New Relic interface. On the left, there's a sidebar with various monitoring categories like All Capabilities, All Entities, Dashboards, etc. The 'Integrations & Agents' section is selected. On the right, under the 'Data source' tab for 'Linux', it says: 'With one command, you'll get infrastructure and log data flowing in so you can start observing your system. We'll also discover and recommend integrations for greater visibility into your stack.' There are two main sections: 'Enter your credentials' (with 'Install agent' and 'Test the connection' options) and 'Enter your user key' (with 'Use an existing key' or 'Create a new key' buttons). A user key 'NR...' is entered in the field. A 'Continue' button is at the bottom.

5. Ingresar a la consola de Linux

6. Correr el siguiente comando en la consola de Linux para instalar New Relic:

```
curl -Ls https://download.newrelic.com/install/newrelic-cli/scripts/install.sh | bash &&
sudo NEW_RELIC_API_KEY=NRAK-5X*****C9
NEW_RELIC_ACCOUNT_ID=6636285 /usr/local/bin/newrelic install
```

This screenshot shows the progress of the New Relic CLI installation. It lists three steps: 'Enter your credentials' (done), 'Install agent' (done), and 'Test the connection' (in progress). The status message says 'We'll test your connection once the installation has completed.' A progress bar indicates 'Detecting new CLI install. This can take a few minutes.' At the bottom, there's a 'See your data' button.

```

ubuntu@ip-172-31-15-116:~$ curl -Ls https://download.newrelic.com/install/newrelic-cli/scripts/install.sh | bash && sudo NEW_RELIC_API_KEY=NRAK-5XM1KO4QI7IF9B0J IZ9EO5AGXC9 NEW_RELIC_ACCOUNT_ID=6636285 /usr/local/bin/newrelic install
Installing New Relic CLI v0.97.18
Installing to /usr/local/bin using sudo

Welcome to New Relic. Let's set up full stack observability for your environment
.
Our Data Privacy Notice: https://newrelic.com/termsandconditions/services-notices

  Connecting to New Relic Platform
    Connected

Installing New Relic

==> Installing Infrastructure Agent
Detecting available SSL ciphers...
- SSLv3
- TLSv1
- TLSv1.2
  TLSv1.3

```

7. Testear la conexión desde New Relic

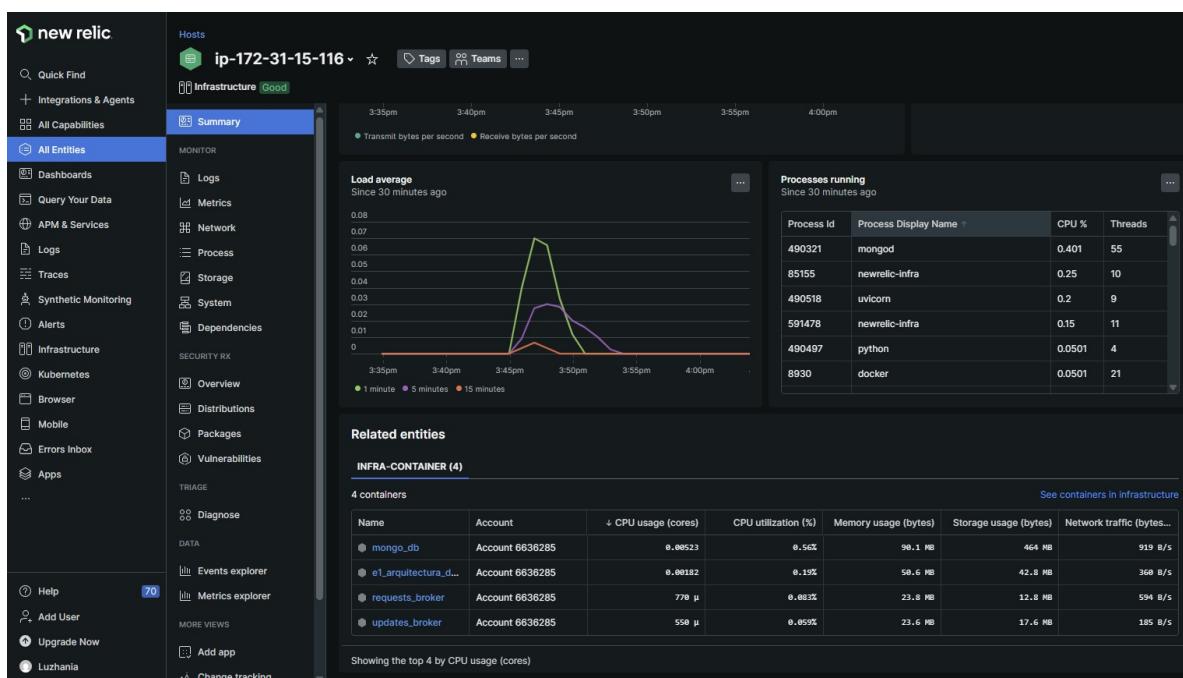
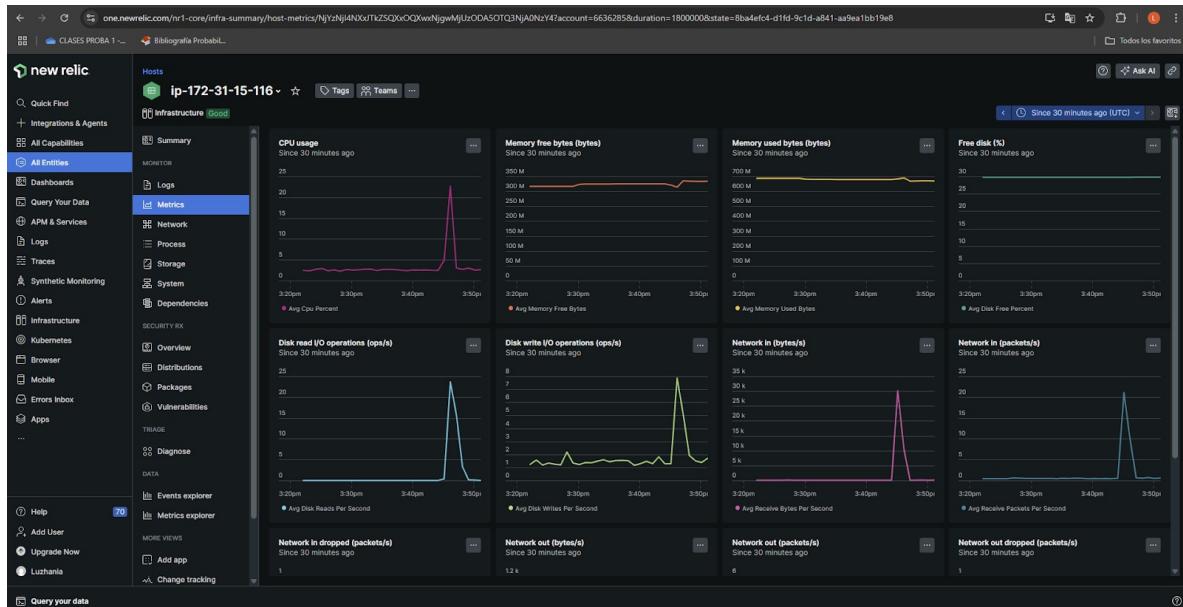
The screenshot shows the 'Integrations & Agents' section of the New Relic web interface. Under the 'Data source' tab, the 'Linux' option is selected. A brief description states: 'With one command, you'll get infrastructure and log data flowing in so you can start observing your system. We'll also discover and recommend integrations for greater visibility into your stack.' Below this, there are three options: 'Enter your credentials' (radio button), 'Install agent' (radio button, which is selected), and 'Test the connection' (radio button). To the right, instructions for installing the infrastructure agent for Linux are provided, including a command-line snippet:

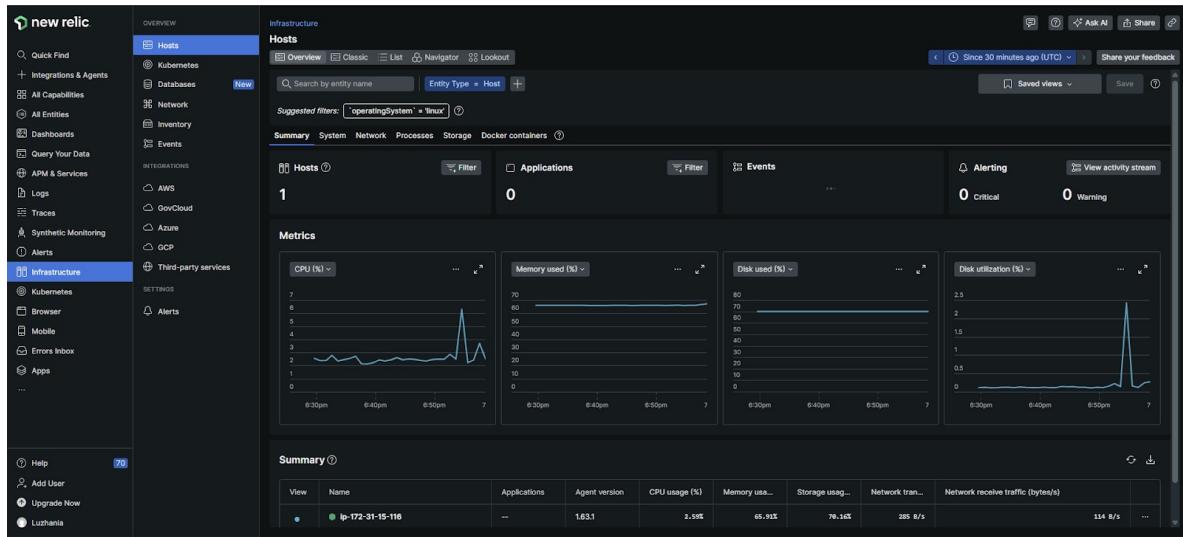
```
curl -Ls https://download.newrelic.com/install/newrelic-cli/scripts/install.sh | bash && sudo NEW_RELIC_API_KEY=NRAK-5XM1KO4QI7IF9B0J IZ9EO5AGXC9 NEW_RELIC_ACCOUNT_ID=6636285 /usr/local/bin/newrelic install
```

Below the command are two radio buttons for proxy settings: 'Automatically answer "yes" to all install prompts. We'll stop the Installer if there's an error.' and 'Use a proxy'. At the bottom, there is a 'Tags (optional)' section with a table for adding key-value pairs, and a 'Continue' button.

8. Acceder a las métricas desde AllEntities > Entity > Metrics. (Por ejemplo:

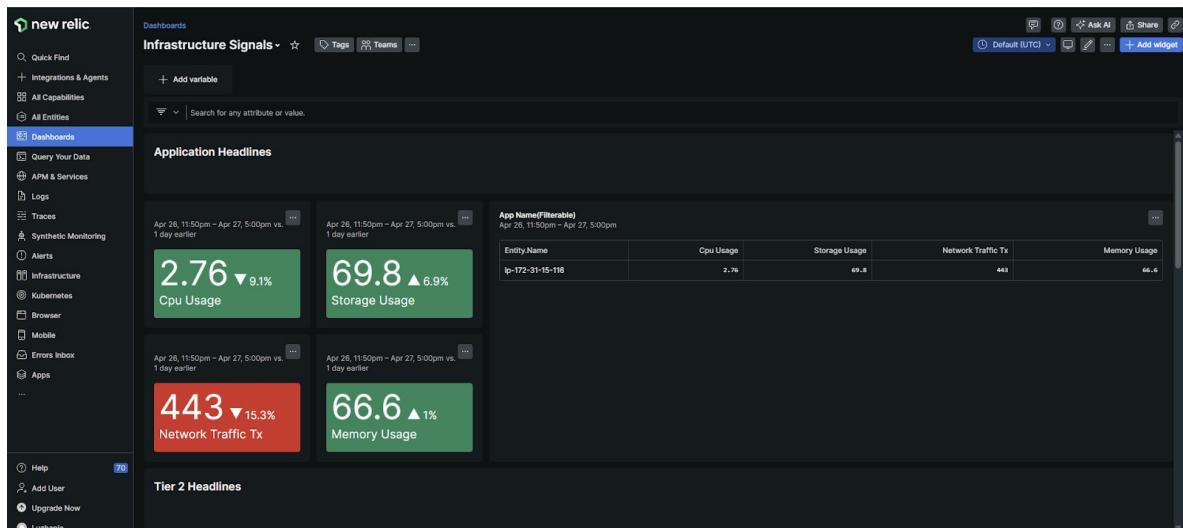
AllEntities > ip-172-31-15-116 > Metrics)





<https://one.newrelic.com/nr1-core/infra-summary/host/NjYzNjI4NXxJTkZSQXxOQXwxNjgwMjUzODA5OTQ3NjA0d1fd-9c1d-a841-aa9ea1bb19e8>

- Crear Dashboard de infraestructura con la opción de ya tener los datos.



2. Monitoreo de aplicación

- Crear cuenta de New Relic en caso de no tener una.
- Ir a integraciones y agentes.
- Seleccionar la opción Browser monitoring
- Seleccionar la opción de crear un snippet de JavaScript.

The screenshot shows the New Relic interface with the 'Integrations & Agents' section selected. On the left, there's a sidebar with various monitoring options like All Capabilities, All Entities, Dashboards, etc. The main area is titled 'Browser monitoring' under 'Data source'. It has a brief description: 'Spend less time on-call and more time delivering seamless digital experiences: monitor speed, performance, errors, and requests to get full visibility into your web performance.' Below this, there's a section titled 'Choose your instrumentation method' with four options: 'Place a JavaScript snippet in frontend code' (selected), 'Install with NPM', 'Connect browser data to an application's APM data', and 'Install with NerdGraph'. A 'Continue' button is at the bottom.

5. Nombrar la aplicación.

This screenshot continues from the previous one. The 'Name your application' option is now selected. The input field contains 'new_relic_front_arqu' and a 'Save and continue' button is visible.

6. Elegir configuración.

The screenshot shows the New Relic interface for setting up Browser monitoring. On the left, there's a sidebar with various monitoring categories like All Capabilities, All Entities, Dashboards, etc. The main area is titled 'Integrations & Agents' and specifically 'Browser monitoring'. It has a 'Data source' tab selected. The process is divided into three main steps: 'Select instrumentation method' (which is completed with a green checkmark), 'Name your application' (also completed with a green checkmark), and 'Configure browser agent' (which is partially completed with a green dot). Under 'Configure browser agent', there are two options: 'Capture session replays' (unchecked) and 'Turn on distributed tracing' (checked). Below these options, there's a note about tracking cross-origin requests and a link to 'see our docs'. At the bottom right of this section is a 'Save and continue' button.

7. Copiar el snippet creado por New Relic

This screenshot continues from the previous one, showing the 'Add snippet to <HEAD> tag' step. The snippet is a multi-line JavaScript code block:

```

1 <script type="text/javascript">
2 ;window.NREUM||(NREUM={});NREUM.init={distributed_tracing:{enabled:true},privacy:{cookies_enabled:true},ajax:{deny_list:["bam.nr-data.net"]}};
3 
4 ;NREUM.Loader_config={accountId:"6636285",trustKey:"6636285",agentID:"1103408492",licenseKey:"NRJS-51c9e90d90d8d7c00b3",applicationID:"1103408492"};
5 ;NREUM.info=beacon:"bam.nr-data.net",errorBeacon:"bam.nr-data.net",licenseKey:"NRJS-51c9e90d90d8d7c00b3",applicationID:"1103408492",sa:1};
6 /*! For license information please see nr-loader-spa-1.288.1.min.js.LICENSE.txt */
7 ()>(var e,t,r={8122:(e,t,r)>{"use strict";r.d(t,(a:()>i));var n=r(944);function i(e,t){try{if(!e||"object"!=typeof e) return(0,n.R)(3);if(!t|
8 </script>

```

At the top right, there's a 'Copy to clipboard' button. Below the code, there's a section for 'Deploy your updated code & see your data' with a note to wait a few minutes. At the bottom is a 'See your data' button.

8. Agrega el snippet en tu React, en el index.html dentro de head, antes de la etiqueta </head>.

9. Deploya React con npm run build.
 10. Sube los archivos de la carpeta build a S3, eliminando los anteriores en el caso de que existan.
 11. Actualiza CloudFront, en caso de ser necesario crea una invalidación.
 12. Ahora se puede ver:

