

Register your first Linux device

To manage your Linux devices in the cloud-based console (known as Beagle Control) you need to register it.

Introduction

NodeBeagle requires a small piece of software running on your device (the Beagle Agent) that communicates back to Beagle Control.

There are 2 ways to do register your device:

1. Registering your device in Beagle Control - then installing the agent using your device's unique key
2. Installing the agent on your device - then registering it with Beagle Control from your device's command line using your account's discovery key.

The second way is called "Device discovery" and is great for unattended, or non-interactive setups - such as containerised builds.

Device discovery is covered in another chapter. This guide focuses on the first way.

Add your device

You add your devices to NodeBeagle using the *Add a device* screen. Click the *Devices* menu, followed by *Add a device*.

Add a device

Device name:

Enter a name you will recognise this device by. It doesn't have to match the hostname - our agent will report that separately.

Region:

Please select the closest location to your device. Note: the Beagle control-plane and data are always stored in our primary data-centre in Gloucester, UK.

Choose a plan:

i You can change the plans available to you by [updating your subscription](#) in the [Billing centre](#).

Hourly Monthly **?**

i Usage is calculated hourly and billed each month in arrears. You can remove this device at any time and only pay for the actual hours in which the device was active.

Standard
Suitable for workstations and servers used for development or test purposes.

Pro
Recommended for production servers or other devices offering internet-facing services.

Groups:

The groups to which this device belongs determines who can access this device and allows commands to be targeted to a group of devices.

Enter a name to refer to this device within NodeBeagle. This does not have to be your machine's fully-qualified hostname (FQDN) - this is reported separately by the agent.

Select the data-centre region closest to your device.

Currently, there is only one data-centre region (Gloucester, UK.) We plan to expand this in the future to include data-centre regions in different countries.

Select the billing interval (monthly or hourly) and service level (Standard or Pro) you want this device to use.

- To understand the difference between Hourly and Monthly billing, see the [How the billing process works](#) article.
- To choose between Standard or Pro service levels, see the [Which plan to choose: Standard or Pro?](#) article.

Some billing interval and service levels may not be available to you. The available options depend on what you have enabled on your subscription.

If you have already configured device groups, you can choose which groups to add the new device to.

Click the *Create* button to add your new device.

Web App Server

[🕒 Install agent](#) [⚙️ Settings](#)

NodeBeagle uses a small agent on your system that collects statistics and sends them back to Beagle Control.

We haven't received any data from your device yet, so it is likely the agent is not installed or running.

To install the agent, please see the instructions relevant for your operating system below.

[This page will refresh automatically when data is received from your device](#)

Select your operating system and architecture:

Linux ▾

64-bit ▾



Linux

The recommended installation method is using [curl](#):

```
$ curl -s https://console.staging.nodebeagle.com/install/linux/amd64/NB-S-f2127a9b8fccd53fe9d4a42887d12a56a893d4c51f3fc4d4824e3a65b4cccb81 | sudo bash
```

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If [curl](#) is not available on your device, you can also use [wget](#):

```
$ wget -q -O /dev/stdout https://console.staging.nodebeagle.com/install/linux/amd64/NB-S-f2127a9b8fccd53fe9d4a42887d12a56a893d4c51f3fc4d4824e3a65b4cccb81 | sudo bash
```

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Your device has now been added to the NodeBeagle platform. To communicate with your device, NodeBeagle requires an agent to be installed - a small piece of software that runs in the background.

NodeBeagle will provide installation instructions to install the agent on your device.

Continue to the next page by clicking the *Next* link below to find out how to install the NodeBeagle Linux agent on your Linux device.

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