

Galaxy CloudMan

<http://usegalaxy.org/cloud>

- Start with a **fully configured and populated** (tools and data) Galaxy instance.
- Allows you to scale up and down your compute assets as needed.
- Someone else manages the data center.



- **You will set up an instance now**

<http://aws.amazon.com/education>

Could do this step by step, but ...

<http://bit.ly/GXYAWSGetStarted>

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Getting Started with Galaxy CloudMan

This page provides a step-by-step instructions on how to start your own instance of Galaxy on [Amazon Web Services \(AWS\) Elastic Compute Cloud \(EC2\)](#). More general information and instructions about Galaxy CloudMan (GC) can be found [here](#).

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AWS

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Step 1: One Time Amazon Setup

1. Because AWS services implement pay-as-you-go access model for compute resources, it is necessary for every user of the service to *register with Amazon*. You will need a credit card to register. (You can apply for a [AWS Education Grant](#) after you register).
2. Once your account has been approved by Amazon (note that this may take up to one business day), *log into the EC2 AWS Management Console* and set your AWS Region to *US East (Virginia)*. This is the only region Galaxy CloudMan is fully supported in at this time (see [screenshot 1.2](#)).
3. Click **Network & Security** → **Key Pairs** or **My Resources** → **n Key Pairs** (see [screenshot 1.3](#) - if it does not look like this, then try using the Chrome browser) and then click **Create Key Pair**. Enter a memorable name for the key pair, e.g., GalaxyCloud and click **Create**.
4. *Save your private key!* The previous step creates the key pair and downloads a copy to your machine with the name `MemorableName.pem`. Save this file and protect it like you would your password. The key pair can be used to access started instances from

Step 1 Screenshots



1.2. Set region



AWS Credentials

<http://bit.ly/gmodgxyaws>

Instant CloudMan

<http://usegalaxy.org/cloudlaunch>

The image shows two overlapping screenshots of the Galaxy web interface. The top screenshot displays the main dashboard with a 'New Cloud Cluster' button highlighted in the 'Cloud' menu. The bottom screenshot shows the 'Launch a Galaxy Cloud Instance' form with the following fields:

- Cluster Name:
- Password:
- Key ID:
- Secret Key:
- Instance Share String (optional):
- Instance Type:

At the bottom of the form, there is a message: "Requesting the instance may take a moment, please be patient. Do not refresh your browser or navigate away from the page" and a "Submit" button.

<http://bit.ly/ncsuaws>