

# Create an eagle-i node

## 1. Launch Instance of the eagle-i AMI

For more detailed information on how to launch an EC2 Instance from an AMI, please see [AWS Documentation: Launching an Instance](#).

1. Go to your [EC2 Dashboard](#).
2. Click on the **Launch Instance** button
3. Select the **Community AMIs** tab on the left
4. Search for 'eaglei'
5. Select the latest eagle-i AMI

Latest eagle-i AMI
eaglei-4.3.0-20160605 - ami-39e81654 Root device type: ebs Virtualization type: hvm

6. Choose an **Instance Type** that is appropriate for your installation. For the available instance types as of August 2016, we recommend:
  - a. **EVALUATION/DEVELOPMENT NODE** t2.micro
  - b. **PRODUCTION NODE** m3.medium
7. Click on the **Review and Launch** button
8. Click on **Edit Security groups**
9. Click on the **Add Rule** button
10. Select **HTTPS** from the drop down
11. Click on the **Review and Launch** button
12. Click on the **Launch** button
13. Select the key pair that was created when [allocating the EC2 resources](#).
14. Click on the **Launch Instance** button

## 2. Wait for Instance to complete initialization

For more detailed information about the instance lifecycle, please see [AWS Documentation: EC2 Instance Lifecycle](#).

1. Go to the **Instances** view by doing either:
  - a. Click on the EC2 Instance ID in the **Launch Status** page
  - b. Go to your [EC2 Dashboard](#) and click on **Running Instances**
2. Wait for the **Instance State** to go from **Pending** to **Running**
3. If you are running an **EVALUATION/DEVELOPMENT NODE**, make note of the Public DNS

EC2 Management Console

https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstanceWizard:

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### Launch Status

**EC2 Instance ID** (with arrow pointing to i-e212387c)

**Your instances are now launching**  
The following instance launches have been initiated: [i-e212387c](#) [View launch log](#)

**Get notified of estimated charges**  
Create [billing alerts](#) to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

#### How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

Here are some helpful resources to get you started

- How to connect to your Linux instance
- Learn about AWS Free Usage Tier
- Amazon EC2: User Guide
- Amazon EC2: Discussion Forum

While your instances are launching you can also

[Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)

EC2 Management Console

https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:search=i-e4163c7a;sort=dnsName

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### Instances

Launch Instance Connect Actions

search : i-e4163c7a Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
	i-e4163c7a	t2.micro	us-east-1a	pending	Initializing	None

**Public DNS** (with arrow pointing to ec2-54-197-197-173.compute-1.amazonaws.com)

**Instance State** (with arrow pointing to pending)

Instance: i-e4163c7a **Public DNS: ec2-54-197-197-173.compute-1.amazonaws.com**

Description Status Checks Monitoring Tags

Status checks detect problems that may impair this instance from running your applications. [Learn more](#) about status checks.

[Create Status Check Alarm](#)

**System Status Checks** **Instance Status Checks**

These checks monitor the AWS systems required to use this instance and ensure they are functioning properly.

These checks monitor your software and network configuration for this instance.

Additional Resources