

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:

Launch Status

✓ 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](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [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

EC2 Dashboard

- Events
- Tags
- Reports
- Limits
- INSTANCES
 - Instances**
 - Spot Requests
 - Reserved Instances
 - Scheduled Instances
 - Dedicated Hosts
- IMAGES
 - AMIs
 - Bundle Tasks
- ELASTIC BLOCK STORE
 - Volumes
 - Snapshots
- NETWORK & SECURITY
 - Security Groups
 - Elastic IPs
 - Placement Groups
 - Key Pairs
 - Network Interfaces
- LOAD BALANCING

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

Instance State

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