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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EC2 Instance ID

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
- 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 | Status Checks for Your Instanc

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

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EC2 Dashboard
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LOAD BALANCING

Launch Instance | Connect | Actions

search : i-e4163c7a | Add filter | 1 to 1 of 1

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

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

Instance Status Checks

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

Additional Resources