# Standing a HUBzero instance up on Amazon Marketplace

**Prerequisite Amazon Marketplace Account:**

1. Navigate to: <https://aws.amazon.com/marketplace/>

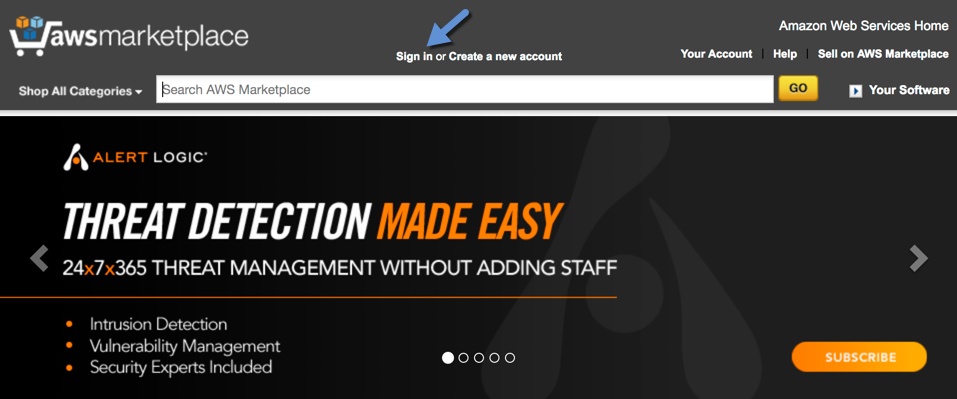
2. Click on Create a new account – follow instructions.

\*This may take up to two hours for creation.

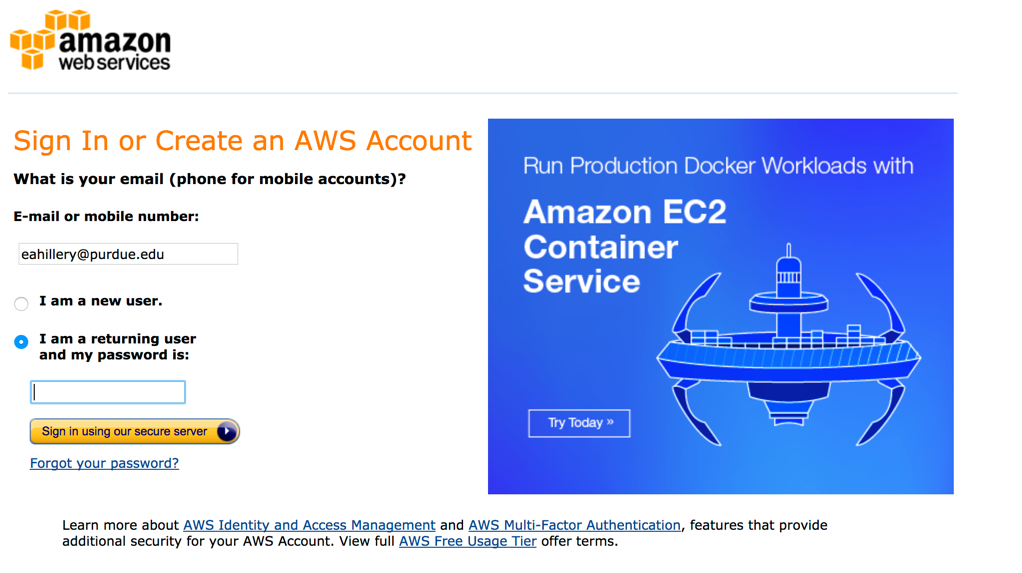


# Logging In

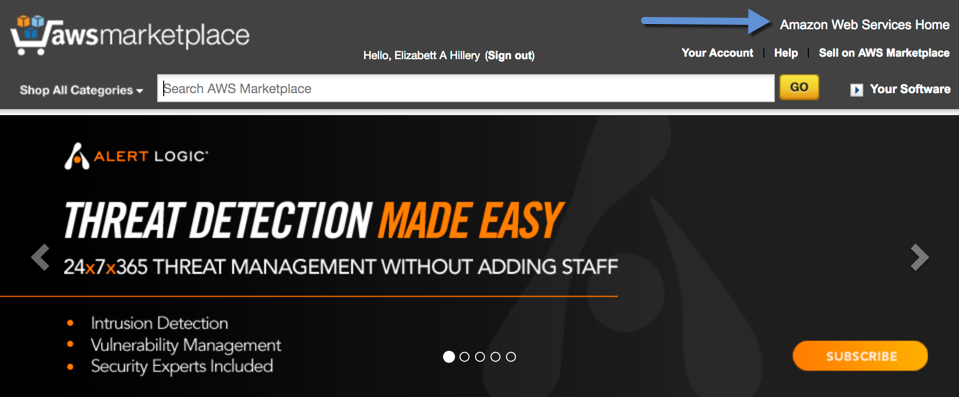
**Navigate to:** [**https://aws.amazon.com/marketplace/**](https://aws.amazon.com/marketplace/)



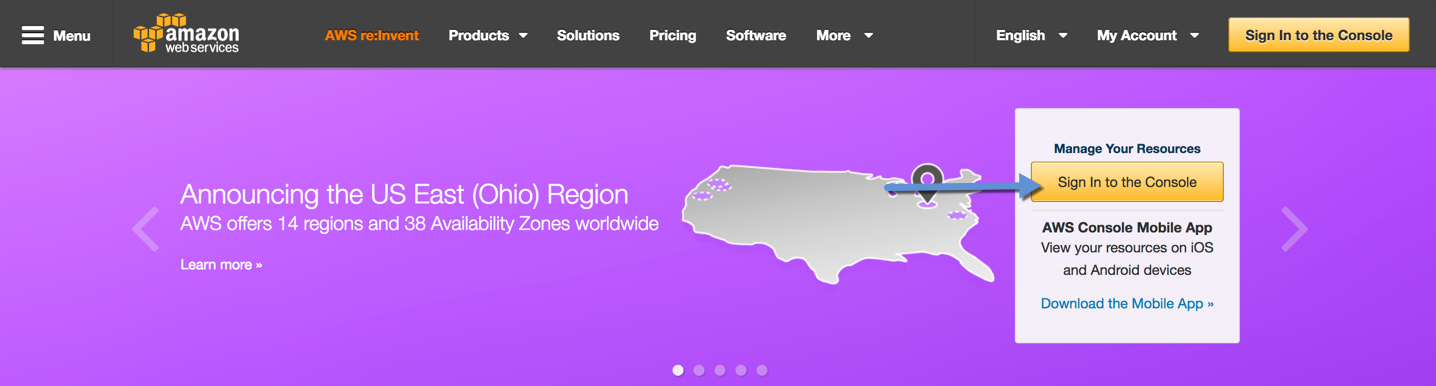
**Provide login credentials to the Amazon Web Services log in page.**



**Click on the Amazon Web Services Home Link.**

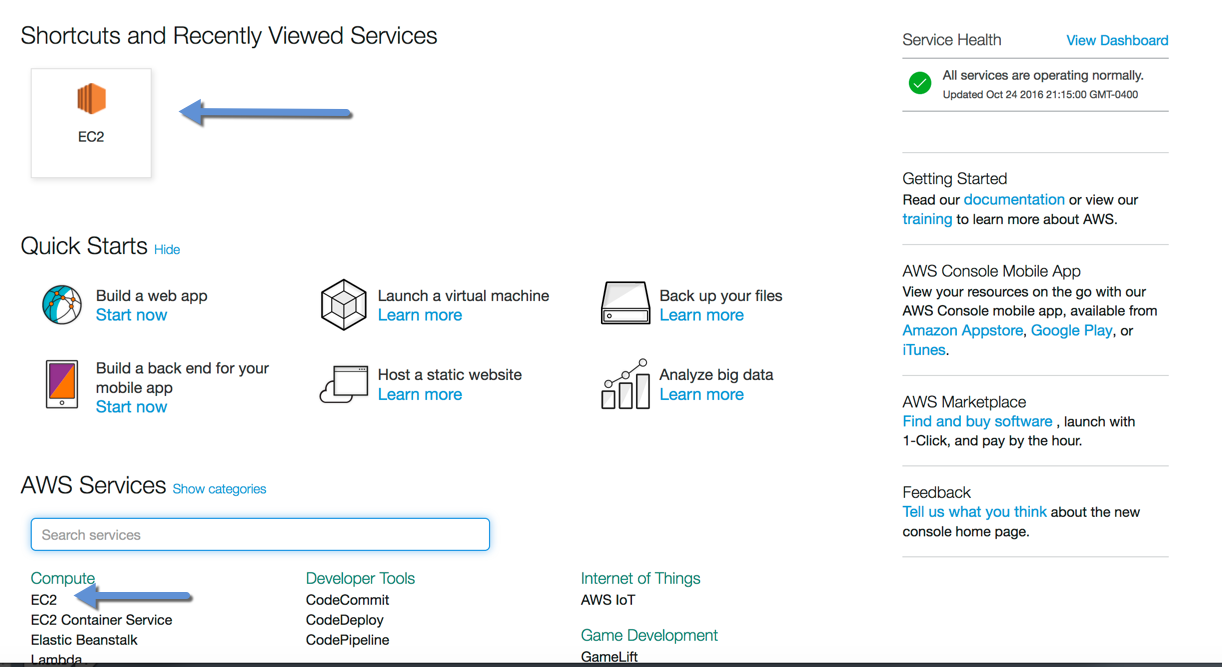


**Click on Sign in to the Console.**

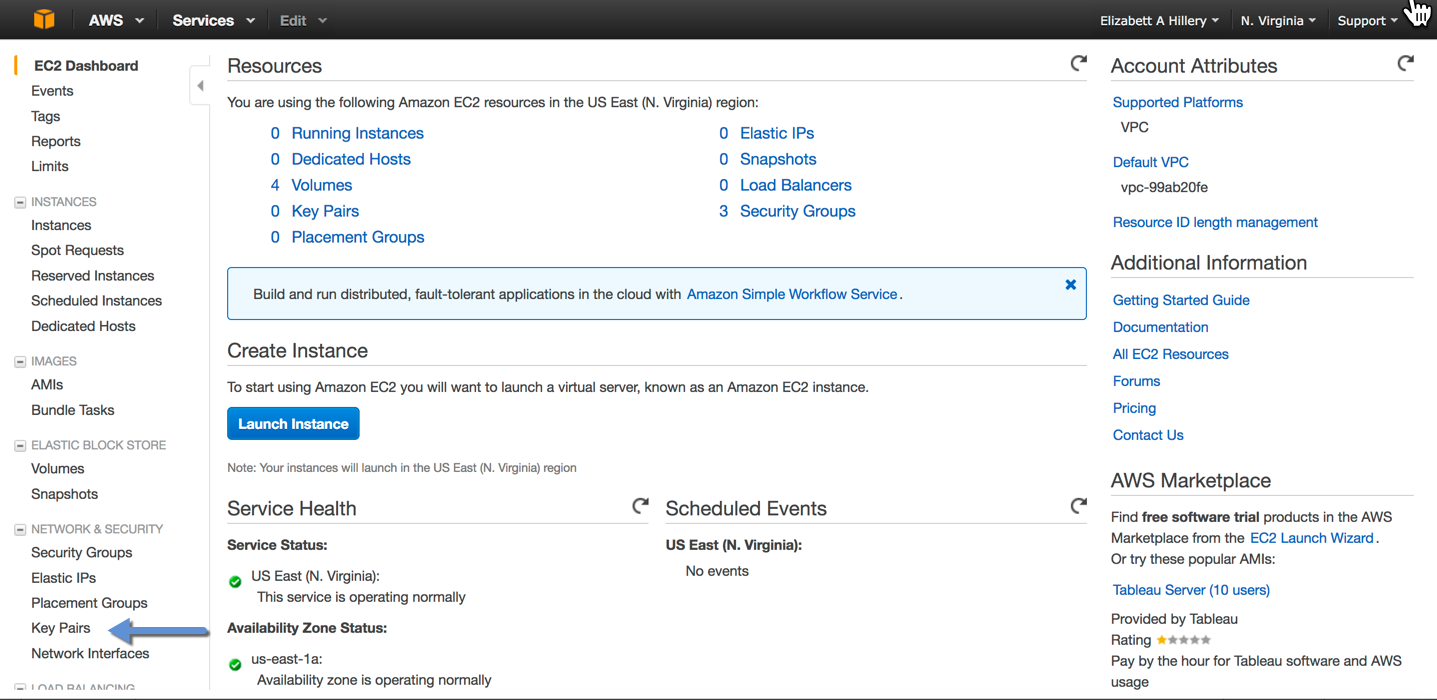


# Creating a Key Pair – (Perquisite)

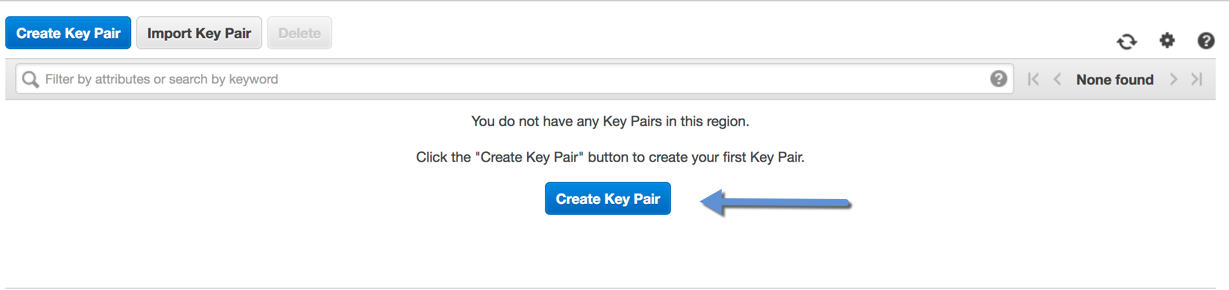
**Click on the EC2 icon or EC2 located under AWS Services / Compute.**



**Navigate to Key Pairs located under the EC2 Dashboard / NETWORK & SECURITY.**

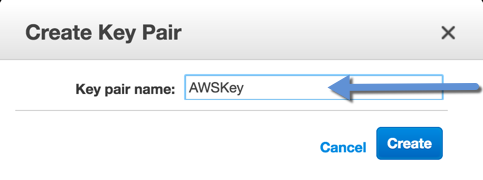


**Click Create Key Pair.**

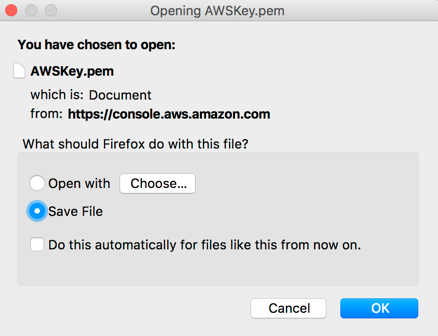


**Enter Key Pair name – User’s choice.**

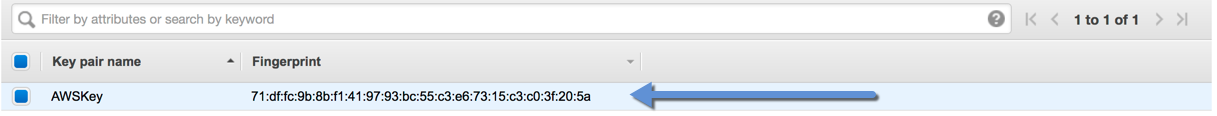
**Click Create.**



**Click Save File in a destination that can be found later.**



**Note Key pair name for future use.**



**Note N. Virginia or where Key Pair was created.**

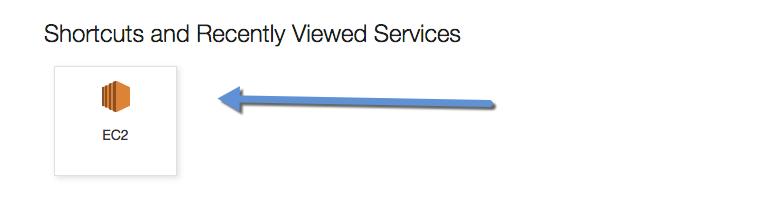


# Creating Instance

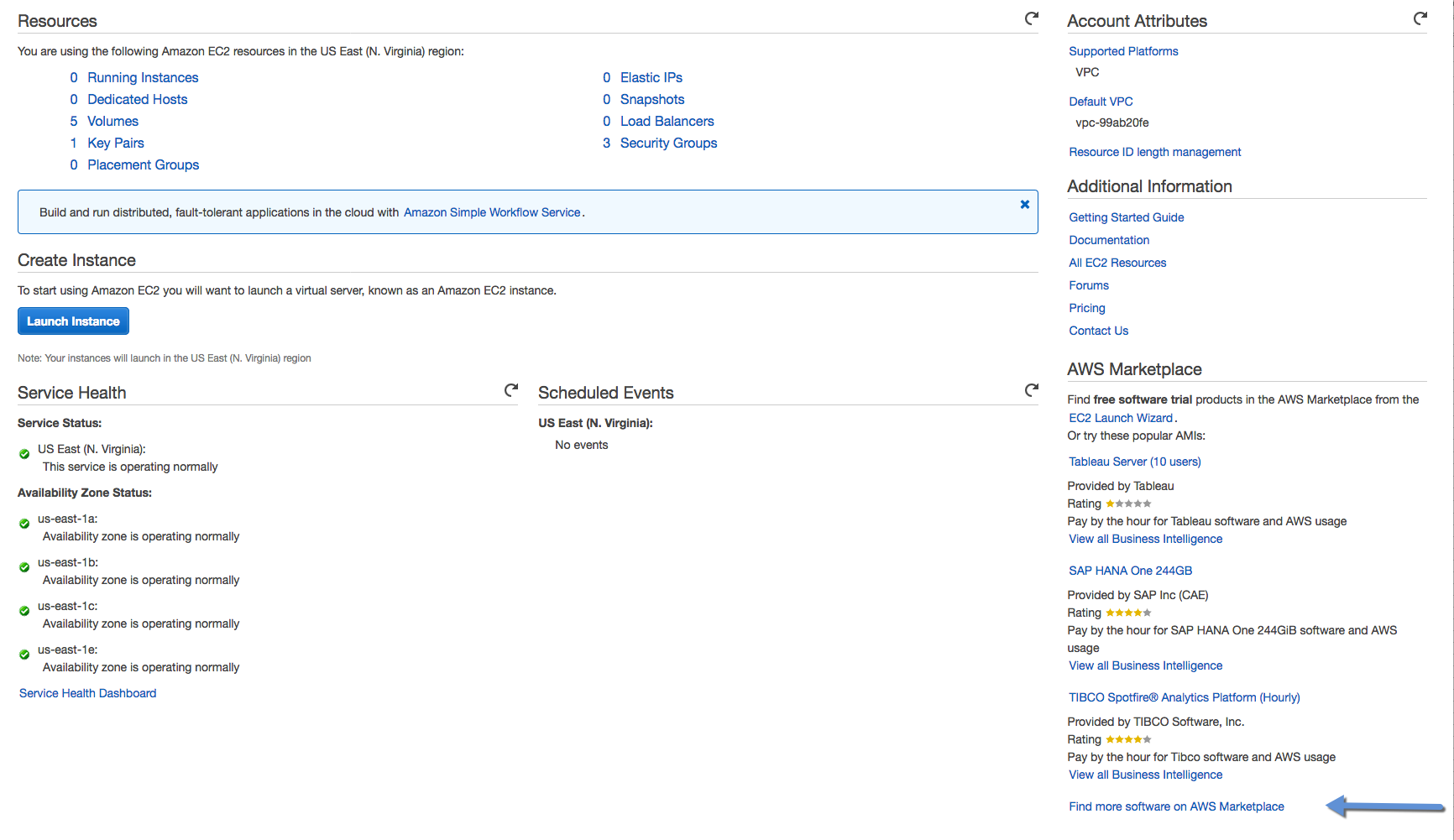
**Return to Console Home by clicking on the following icon, located in the upper left corner.**



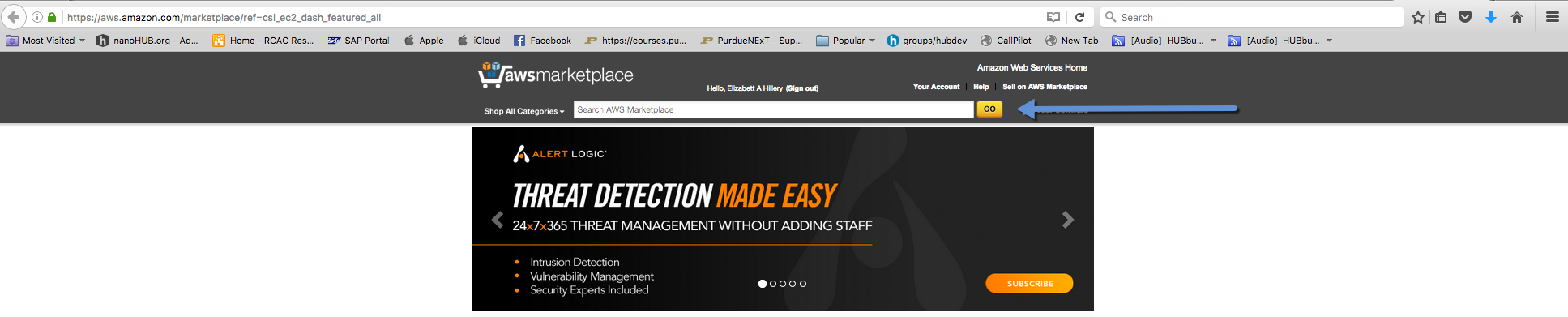
**Click on the EC2 icon.**



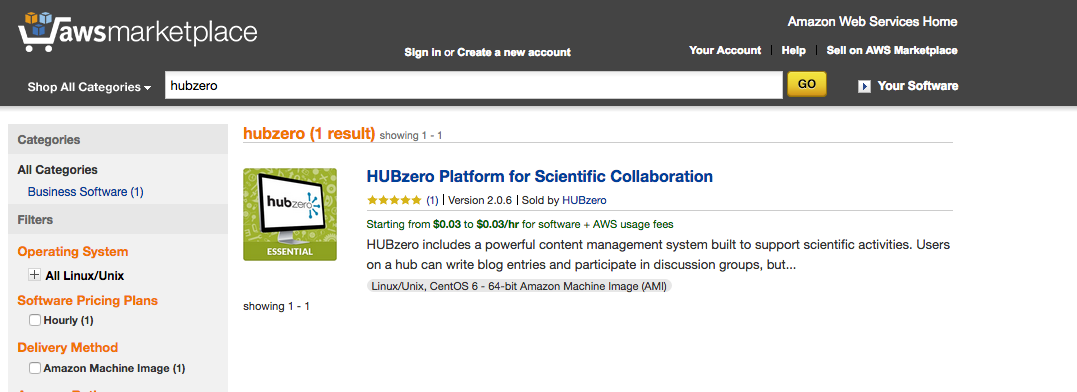
**Click on Find more software on AWS Marketplace (Lower Right Corner).**



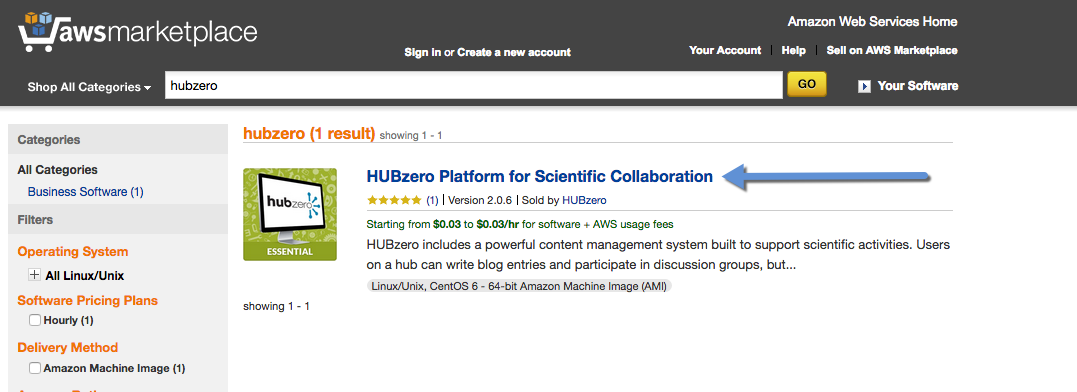
**Enter hubzero in the Shop All Categories and Click Go.**

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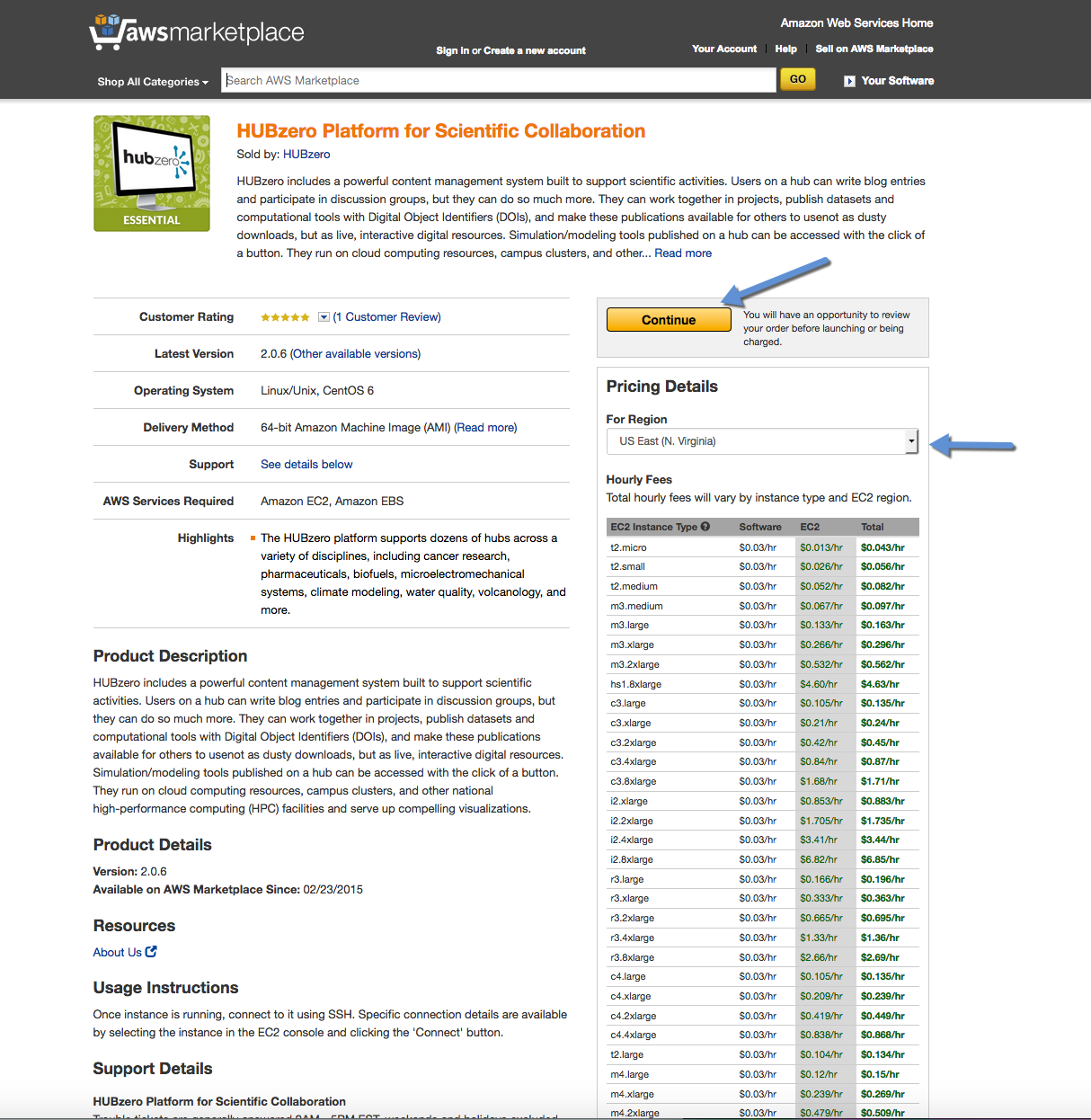
**The following page should appear.**



**Click on HUBzero Platform for Scientific Collaboration.**

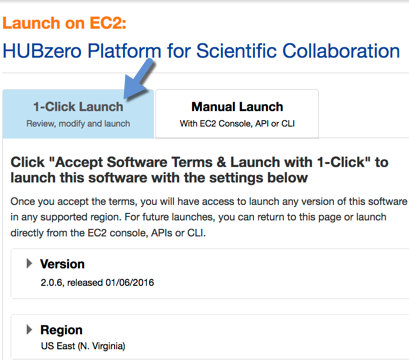


**Click Continue.**

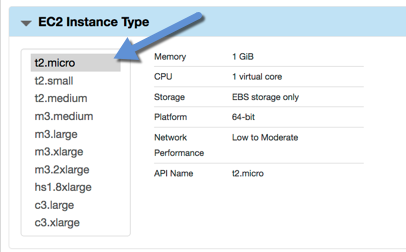


**Click the 1-Click Launch.**

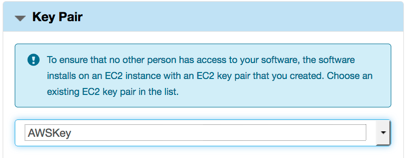
\*Notice there may be an error to **Please select a key pair**.



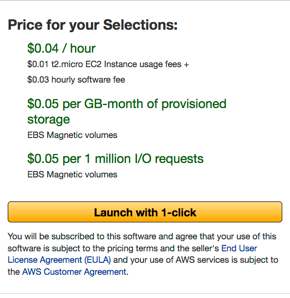
**Verify t2. Micro instance is selected.**



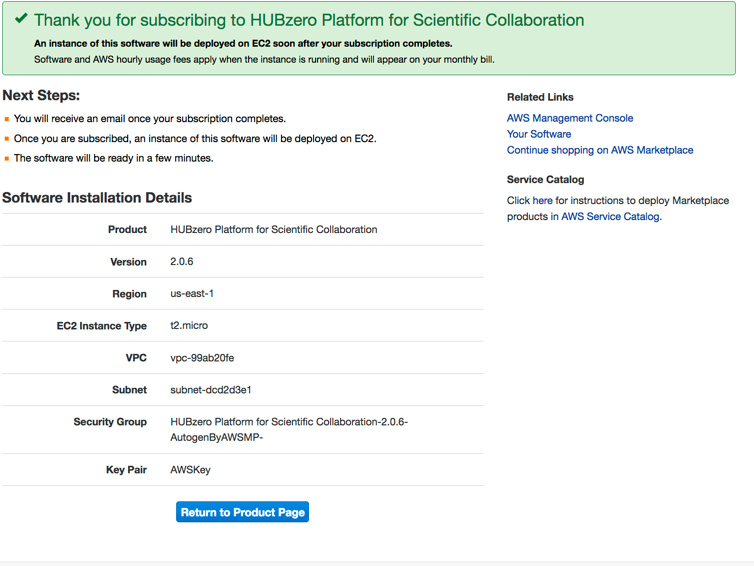
**Scroll to the bottom: Verify Key Pair is present from above.**



**Click Launch with 1-click.**

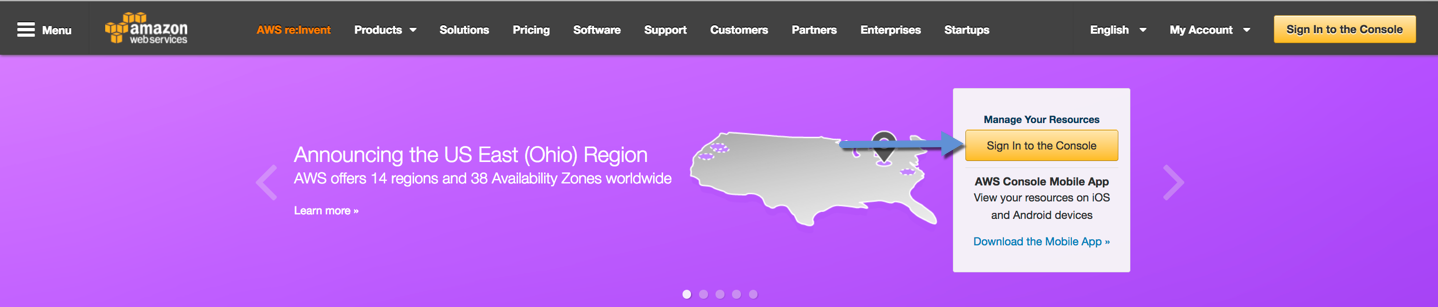


**SUCCESS – The following page will appear with instance details.**

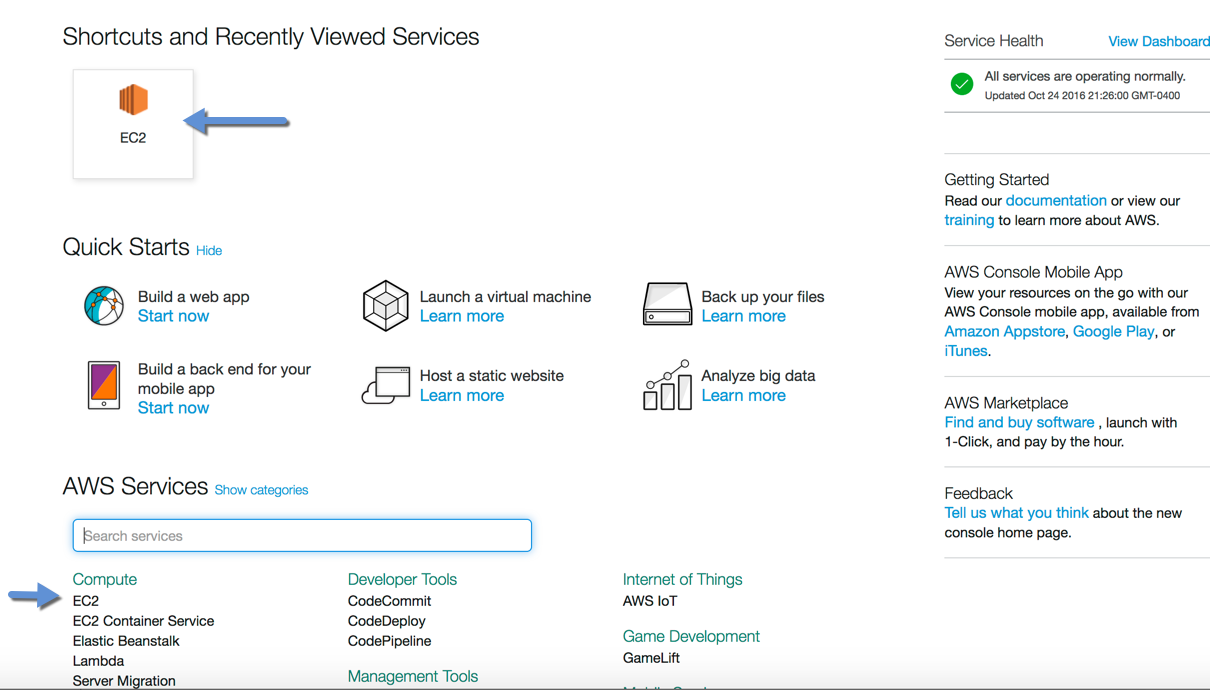


**Click on Amazon Web Services Home.**



**Click on Sign in to Console.**

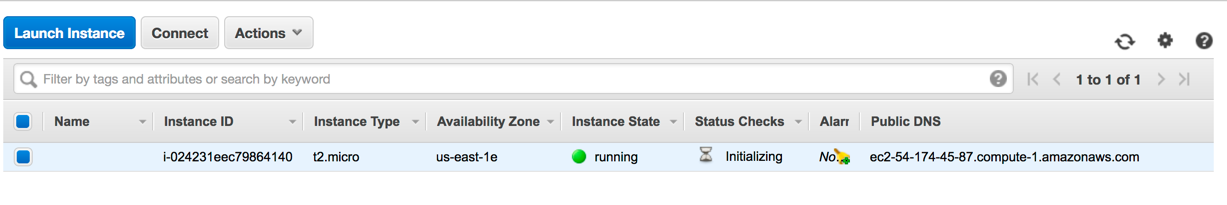
**Click on the EC2 icon or EC2 located under AWS Services / Compute.**



**Click on Running Instances.**

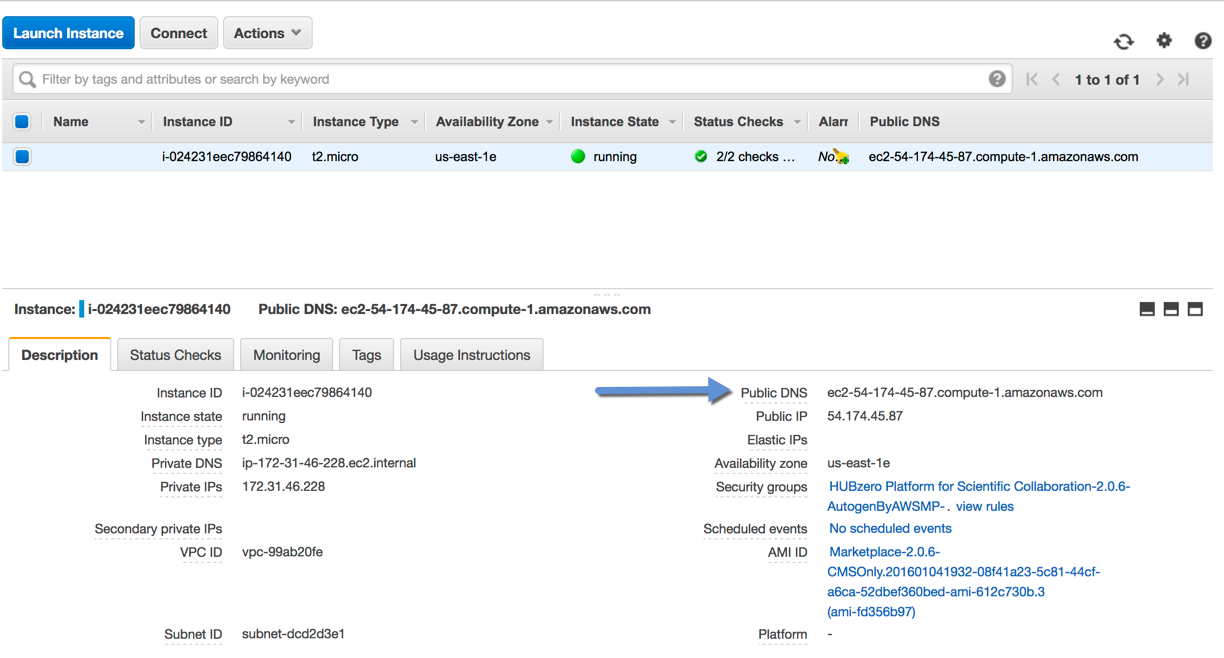


**Click on Instance ID – Note \*\* Status Checks\*\*.**



When the instance is running (Instance Status) your hub is ready.

**Copy the Public DNS entry – this is the URL to your new hub.**



**Paste URL into a browser.**

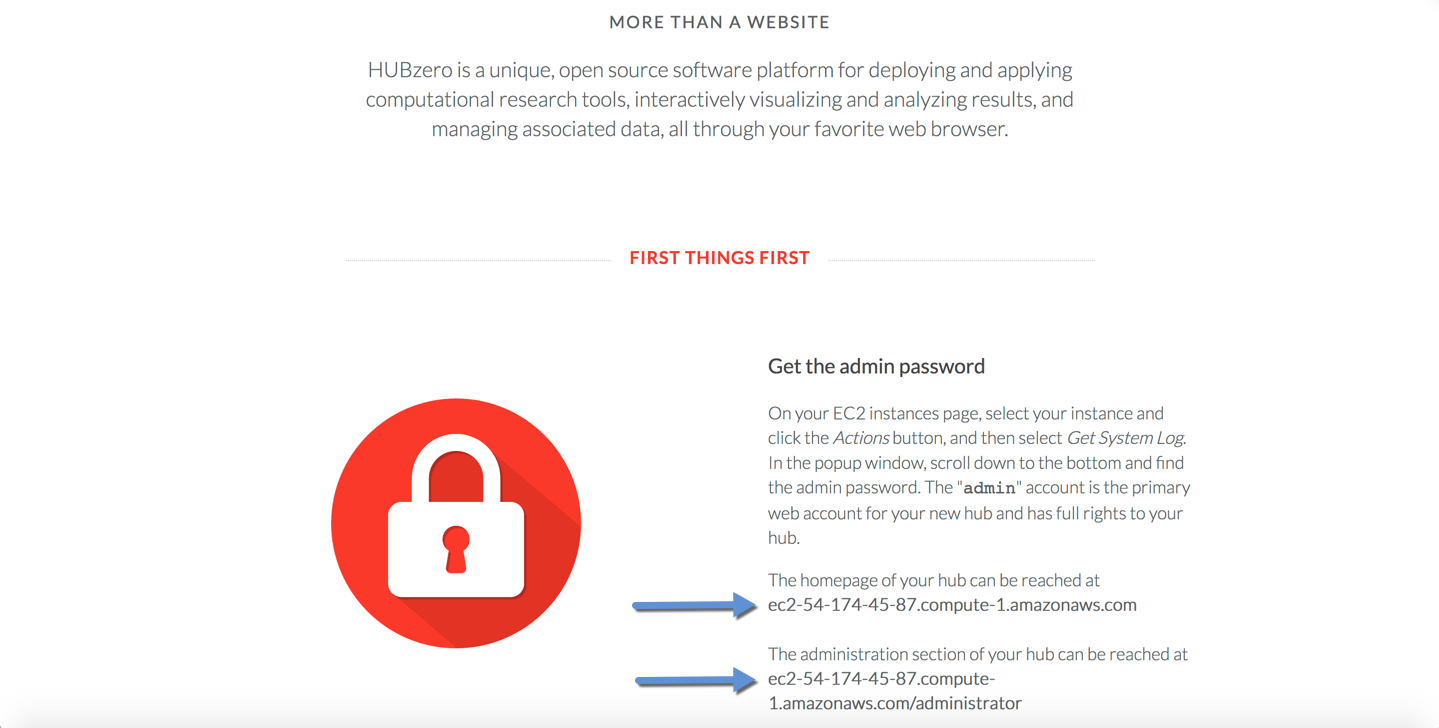
**The following page will appear.**



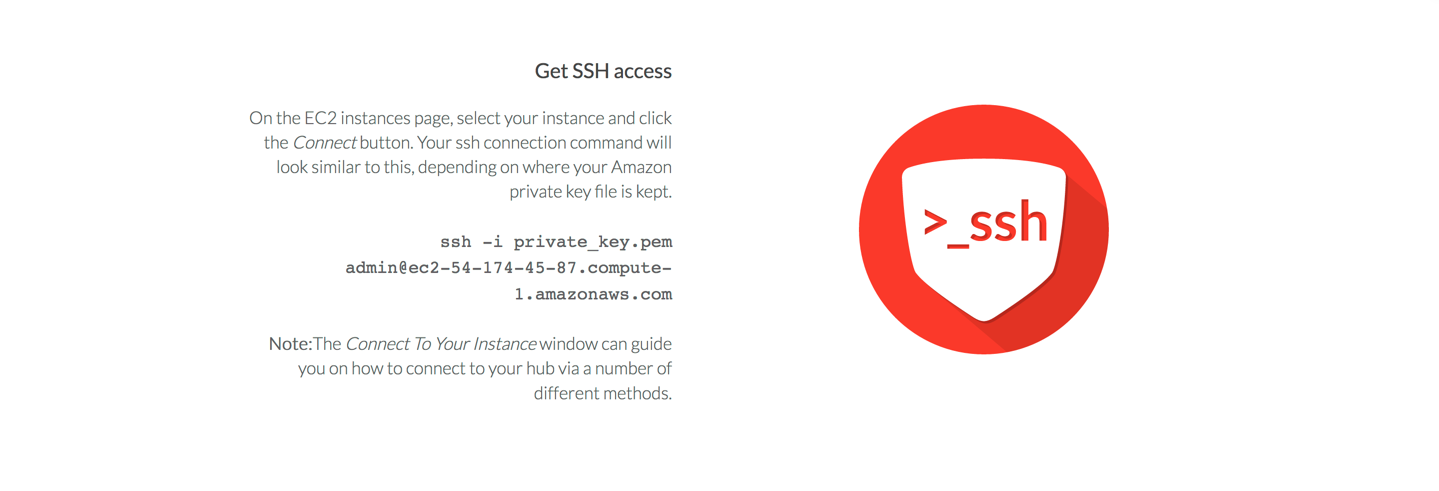
**Note the following information:**

Homepage of your new hub.

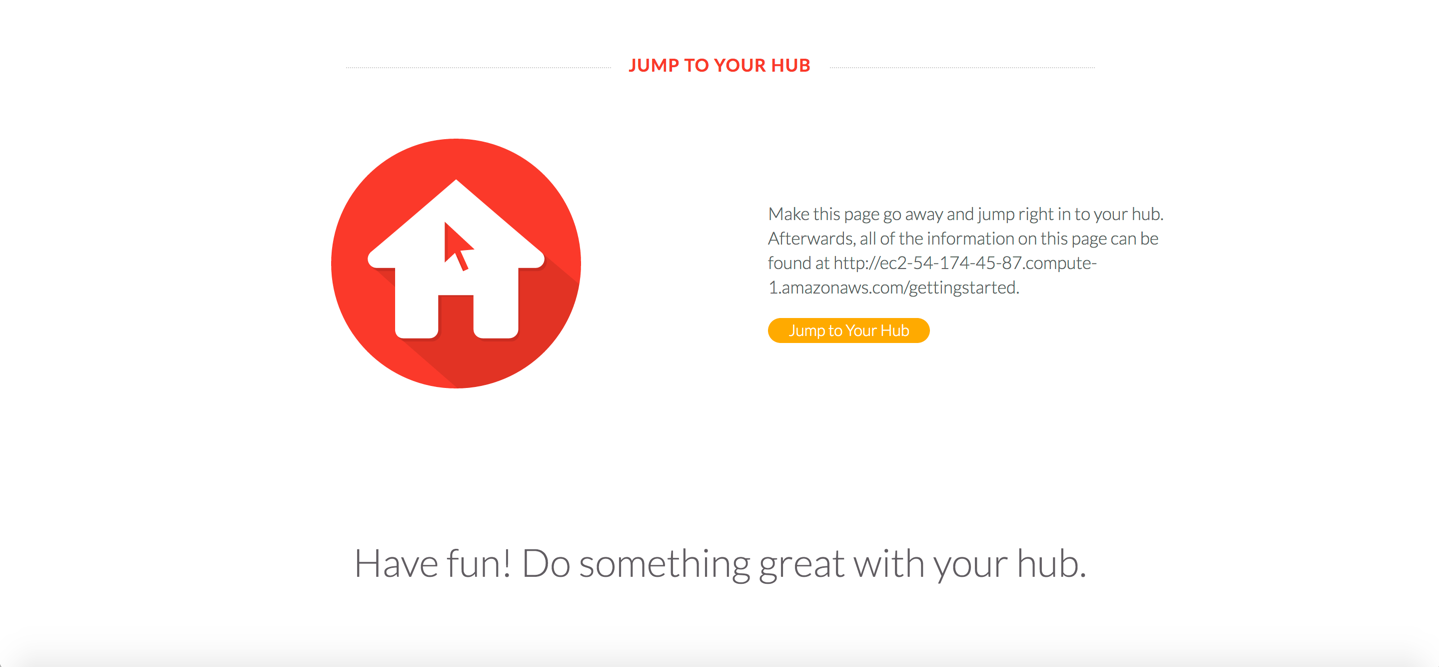
Adminstrator URL – to be used next.



**SSH access information – Use if you want to secure SSH access.**



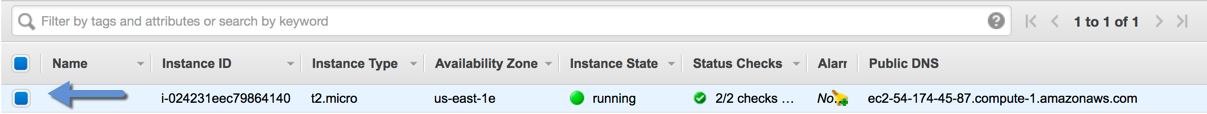
**Jump to Your Hub – WAIT – we will do that in a few steps.**



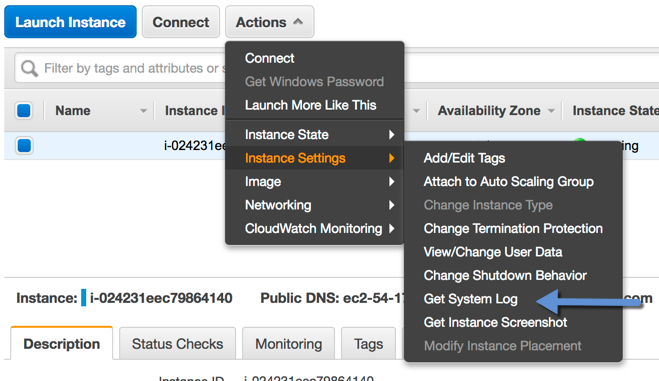
**Navigate back to EC2 tab. (Go back to previous tab).**



**Selecting the new instance.**

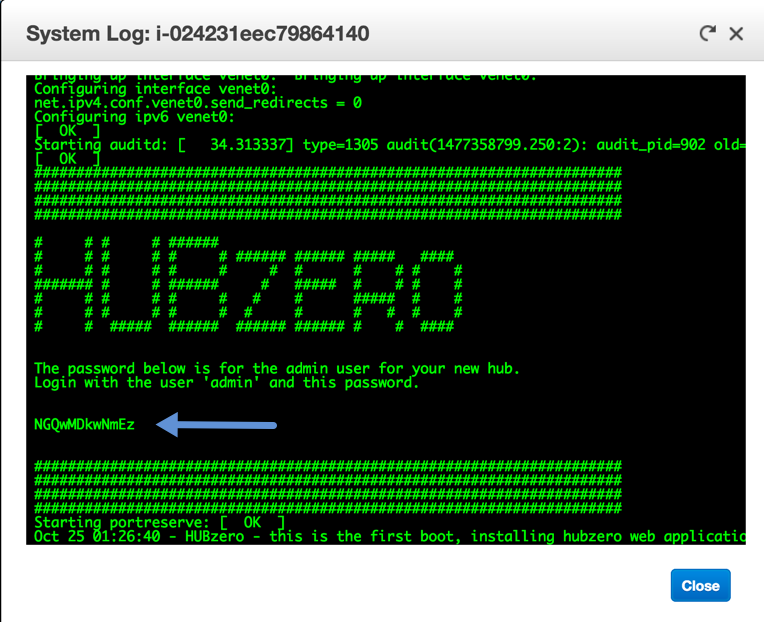


Click on Actions / Instance Settings / Get System Log.



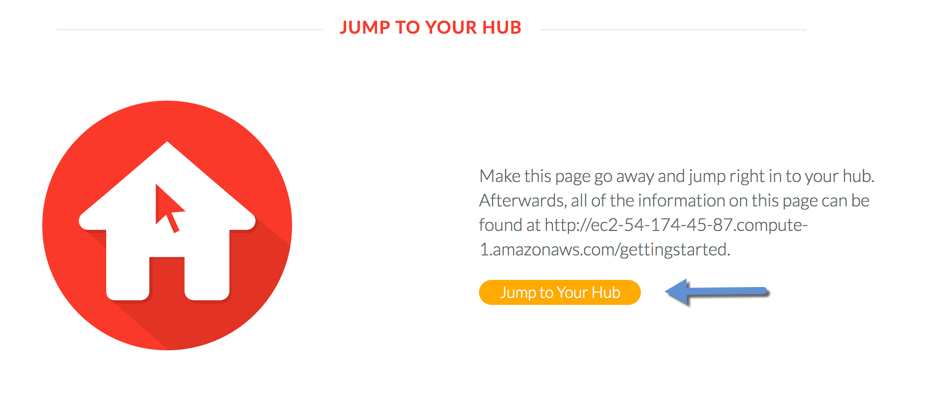
**Secure Admin Password by scrolling to the bottom of display.**

**Copy Password or note somewhere.**

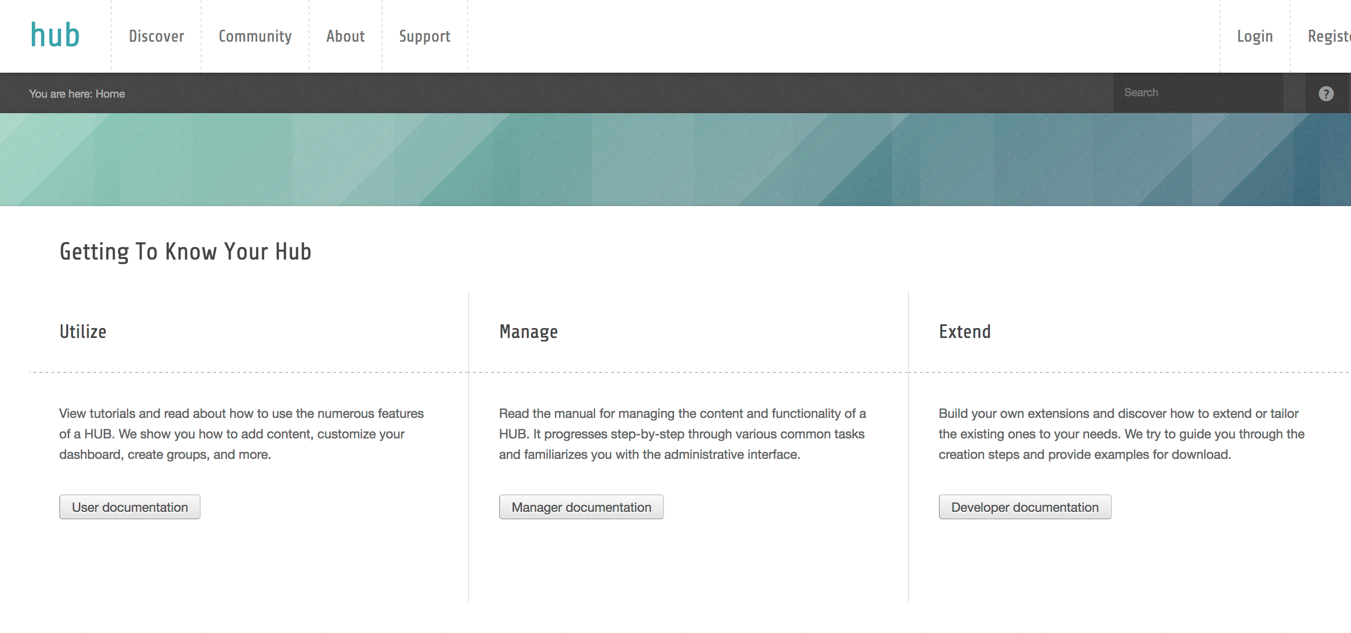


**Navigate back to your Instance (hub instance tab).**

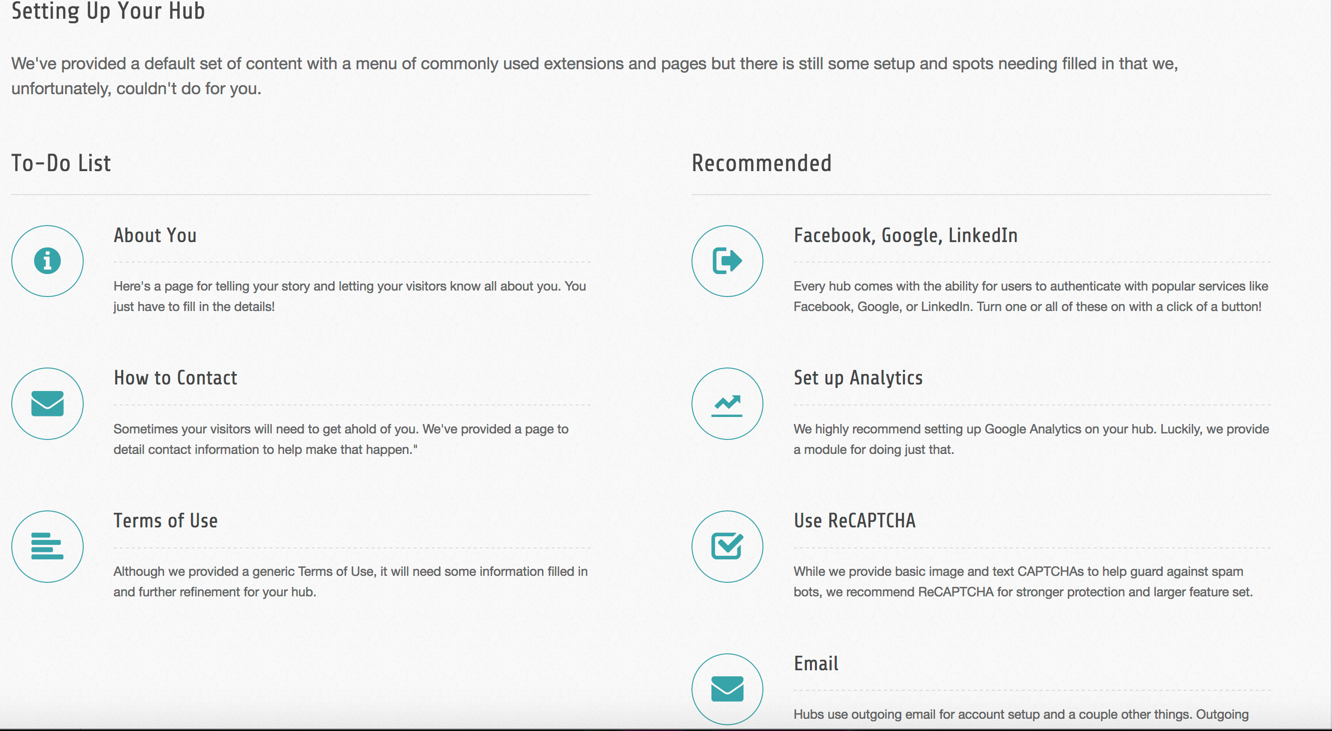
**Now you are ready to Click Jump to YOUR hub button.**



**Review details on Getting to Know Your Hub.**

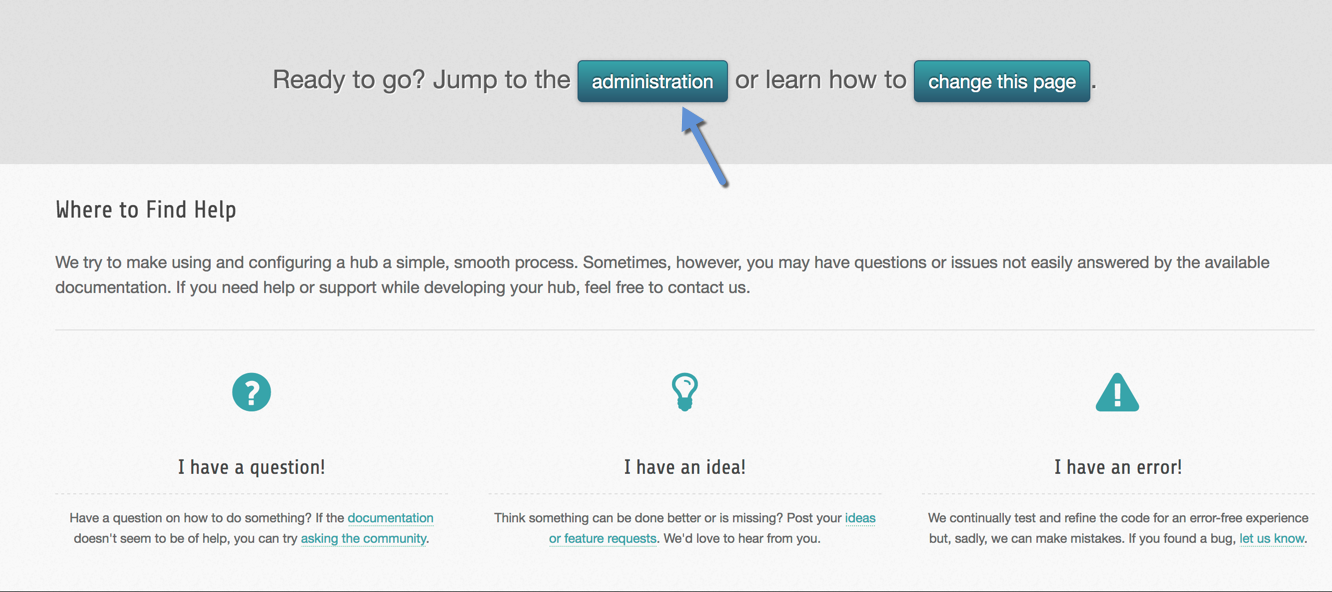


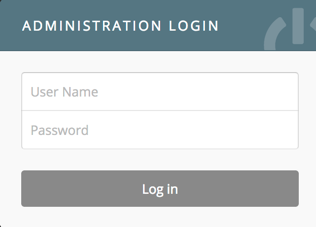
**Review details on Setting Up Your Hub.**



**Navigating to the Administration.**

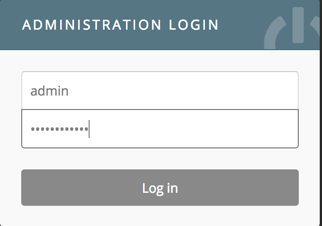
**Click on Administration.**



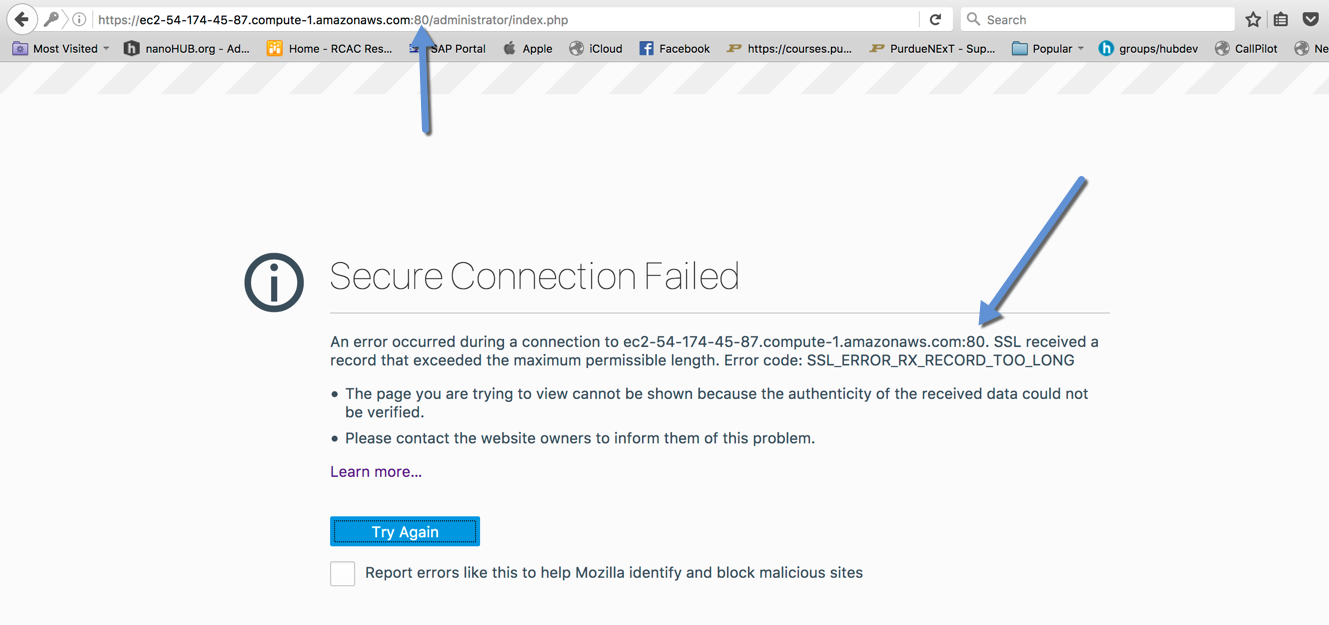


**User Name: admin**

**Password: *Password obtained above*.**



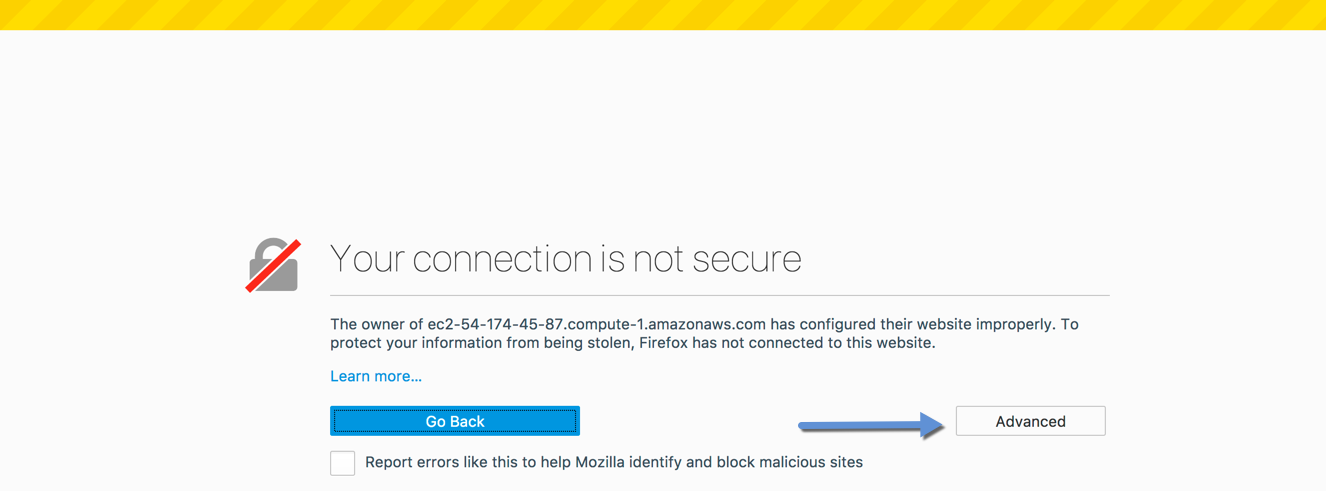
**If the following error happens.**



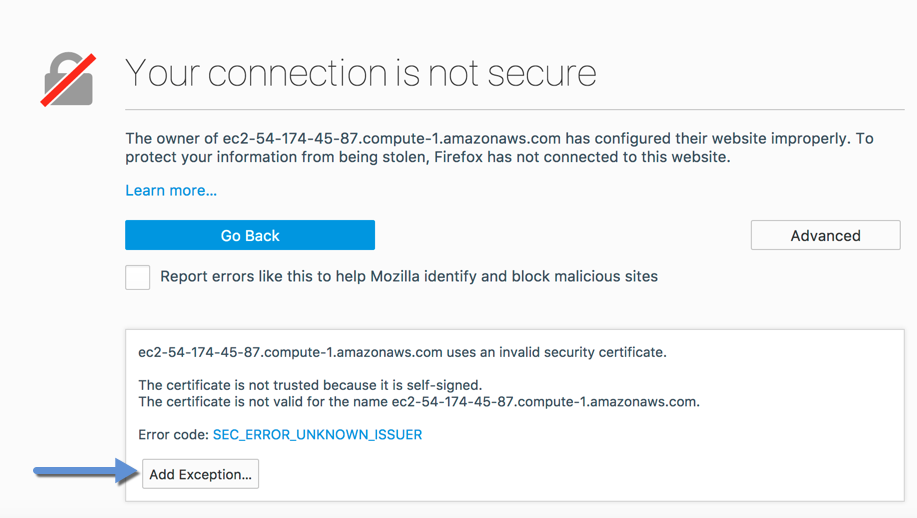
**Remove the :80 from URL and refresh the browsers.**



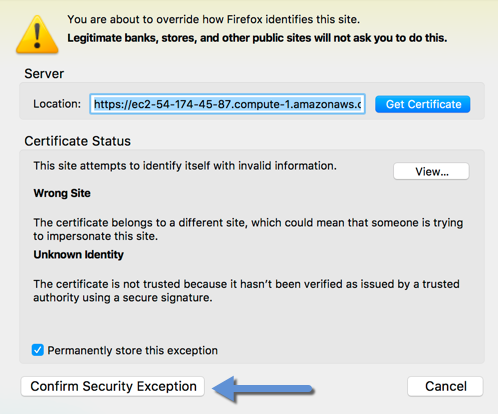
**Click on Advanced.**



**Click on Add Exception…**

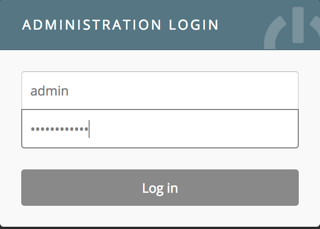


Click Confirm Security Exception.



**User Name: admin**

**Password: *Password obtained above*.**



**SUCCESS: (Let’s review dashboard)**

