**CloudHook Migration**

**Step 1) Launching EC2:**

* Login to **AWS**
* Go to <https://console.aws.amazon.com/ec2/>
* Make sure to select your region as **US East (N. Virginia)** on the top right corner
* Select the **AMIs** section on the Left
* Apply the following filters:
  + From drop down, select Public images
  + Platform: CentOS
  + AMI ID: ami-02e684256c85a65af
  + A screenshot of a social media post

    Description automatically generated

**(If S3 bucket is in N. Virginia, please continue. If not, jump to S3 in other regions section)**

* Select the AMI and click the launch button.
* **Choose instance Type**: Select t3a.medium
* **Configure Instance Details**:
  + Number of instances: 1
  + Network: Select which VPC you want to use. Defaults VPC also will work.
  + Subnet: Choose accordingly.
  + Can leave defaults for rest of the options.
* **Storage:** Defaults to 510 GB. Change if needed.
* **Add Tags:** Click Add Tag, Key: Name, Value: <give a name as you need>
* **Configure Security Groups:** Select as needed. Make sure SSH is opened.
* **Review and Launch**

**(S3 in other regions section)**

* First, we have to copy the AMI from N. Virginia to whatever region we need.
  + Select the AMI
  + Dropdown Actions, select Copy AMI
  + **Destination region:** Select where you S3 bucket is. [EX: US West (N. California)]
  + **Click Copy AMI**
* Switch to the S3 region from the top right corner
* Select AMIs section on the left
* Select Private images. Clear all filters if any. You should see the copied AMI.
* Select the AMI and click the launch button.
* **Choose instance Type**: Select t3a.medium
* **Configure Instance Details**:
  + Number of instances: 1
  + Network: Select which VPC you want to use. Defaults VPC also will work.
  + Subnet: Choose accordingly.
  + Can leave defaults for rest of the options.
* **Storage:** Defaults to 510 GB. Change if needed.
* **Add Tags:** Click Add Tag, Key: Name, Value: <give a name as you need>
* **Configure Security Groups:** Select as needed. Make sure SSH is opened.
* **Review and Launch**
* **When asked for Key:** Select the key if you already have one. If not, select create new key. Make sure you have **.pem** key in your local workstation.

**Step 2) Connect to EC2 VM:**

* Go to <https://console.aws.amazon.com/ec2/>
* Select Instances from the Left.
* Look for the newly created instance.
* Select the instance. once the Status Checks are 2/2, click Connect on the top.
* Copy the entire line under Example: it will looks like
  + **ssh -i "<your key name>.pem" root@ec2-34-239-153-33.compute-1.amazonaws.com.**
* Open your terminal, CD to where you **.pem** file is and paste the above copied line and hit Enter.
* You should be connected to the Instance.

**Step 3) Pre Migration Checks:**

* Check whether time is correct by using the following Command:

~ date

* + If timezone is different,
    - ~ timedatectl list-timezones
    - ~ timedatectl set-timezone [TIMEZONE]
  + Reboot the machine
* Check docker service is running or not

~ sudo service docker status

**Step 4) Run the Migration Script:**

* Cd /root
* Run the migration script called migrate\_s3\_on\_rh7.shand give the required input data