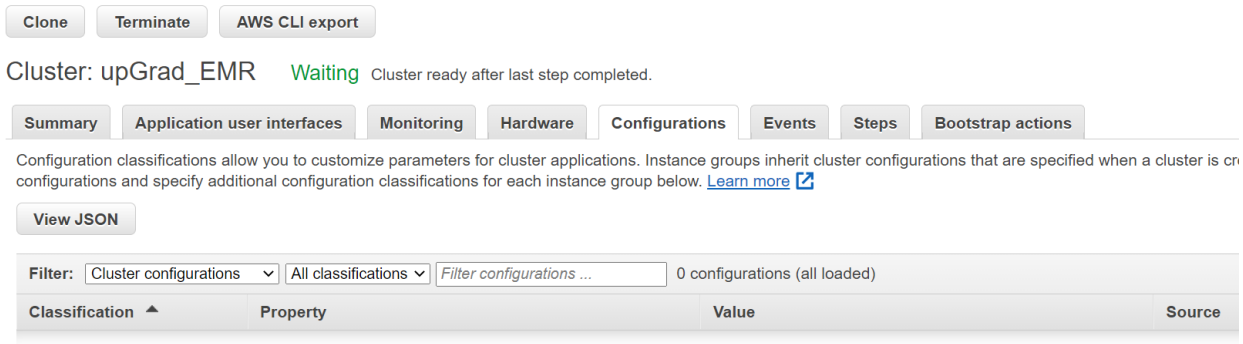
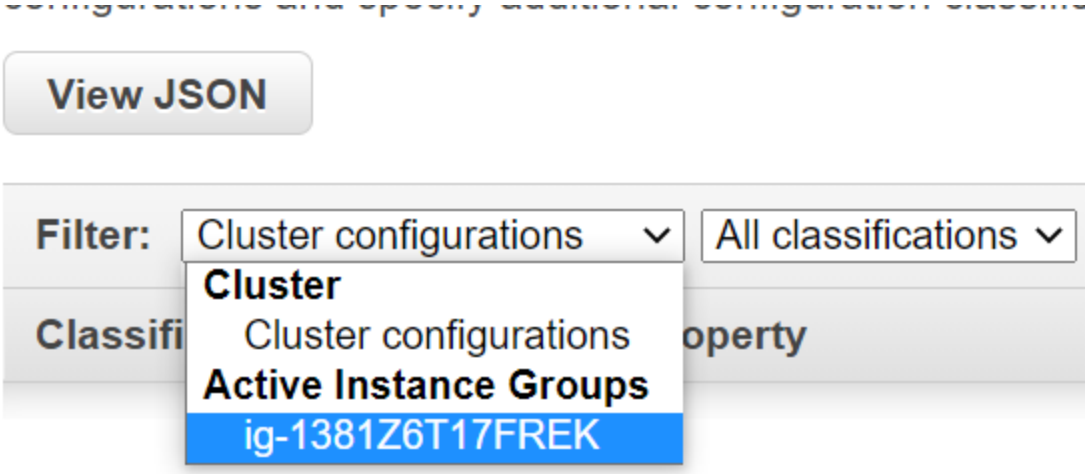
Amazon EMR YARN Configuration

This document contains the steps to set up the YARN configuration parameters for your Amazon EMR cluster. After you have created your EMR cluster, you can perform these following steps.

1. Click on the **Configurations** tab, and you will see the following screen.



2. You now need to click on the drop-down list, and then select the **Active Instance Groups** as shown in the image below.



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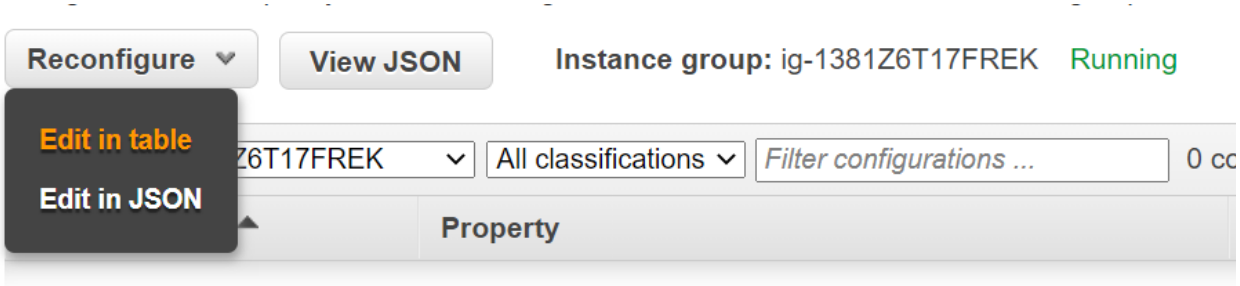
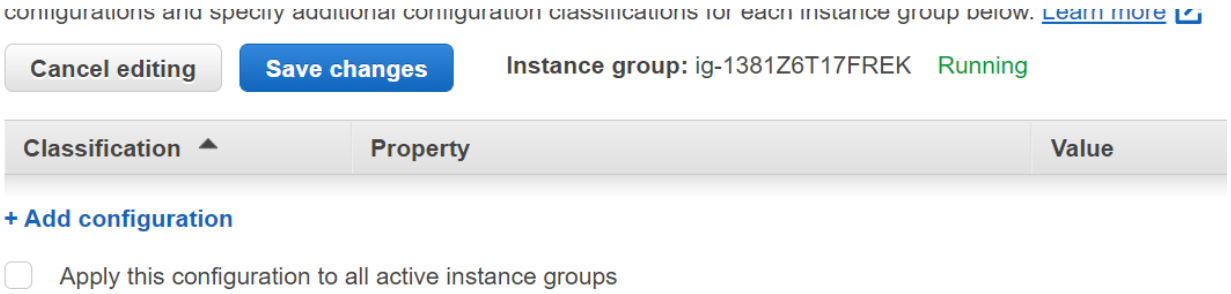
3. Next, you will see the following screen. Now, you need to click on the **Reconfigure button**, and then select the **Edit in table** option.



4. Thereafter, the following screen will appear. Here, you will need to click on the **Add configuration** button.



5. On the following screen you will have to add the YARN parameters, as shown in the table below.

Classification	Property	Value
yarn-site	yarn.scheduler.maximum-allocation-mb	8192
yarn-site	yarn.nodemanager.resource.memory-mb	10240

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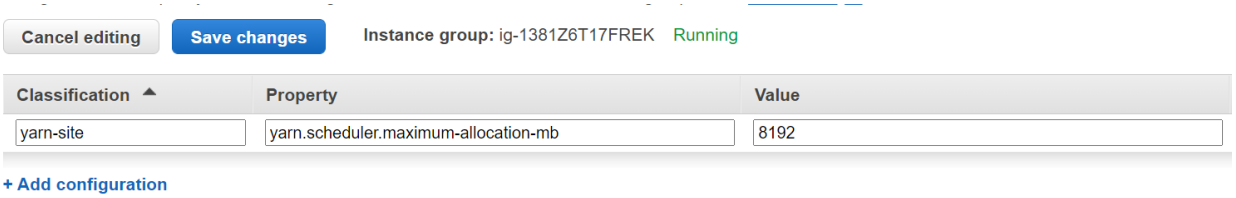
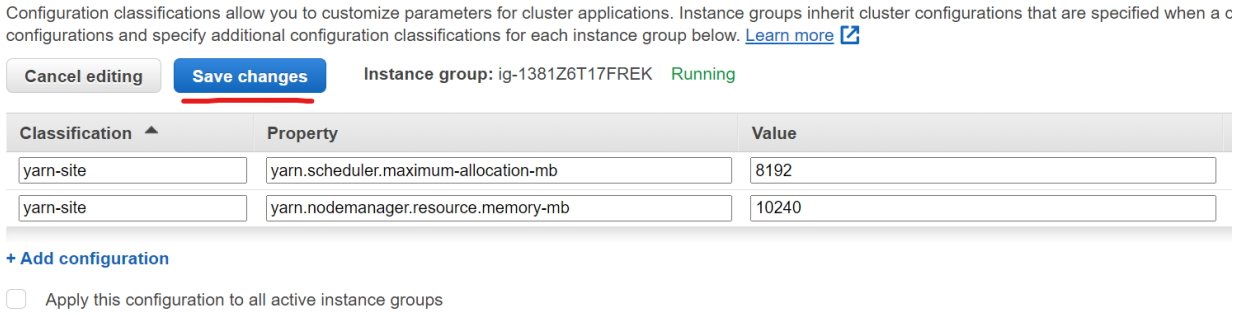
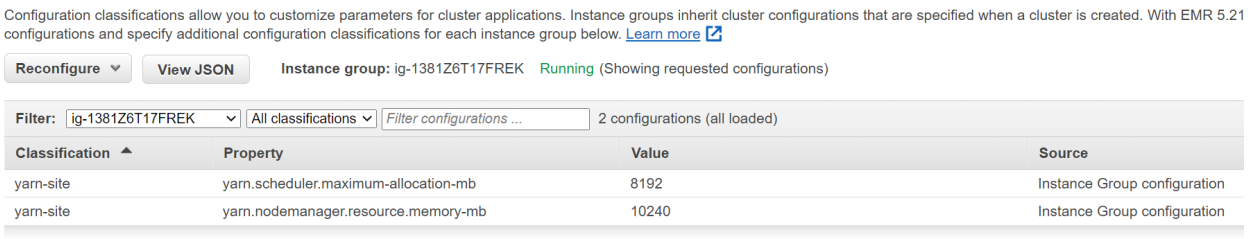
Now, you will need to enter the above parameters as follows. For the second parameter, just click on the **Add configuration** button.



6. After you have added both the parameter configurations, click on the **Save changes** button.



7. You will now see the status of the EMR cluster using these YARN parameter configurations, as shown in the image below. This will take around 5-7 minutes.



8. Thereafter, you will see the status of the EMR cluster has been updated with these YARN parameter configurations. This will take around 5-7 minutes. Eventually, you will see the following status as shown in the image below. You can now login to your EMR cluster.

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