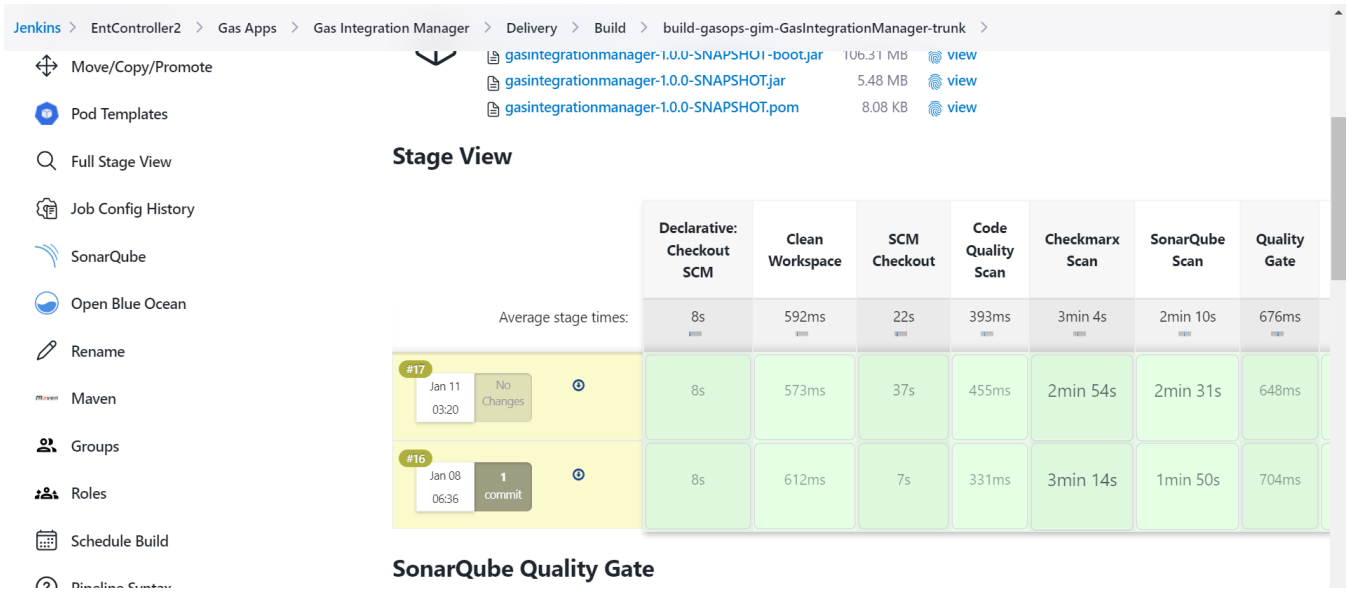
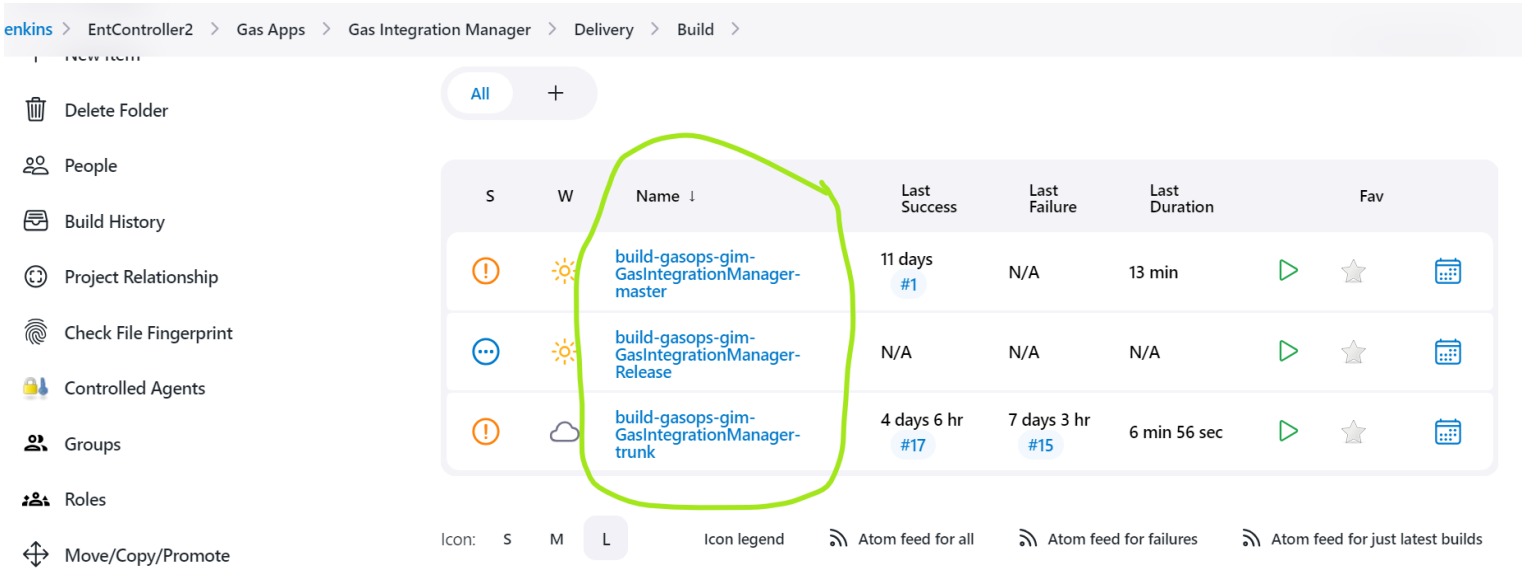
Nirmata With Jenkins Overview

Build & Deploy jobs using Jenkins and verify on Nirmata

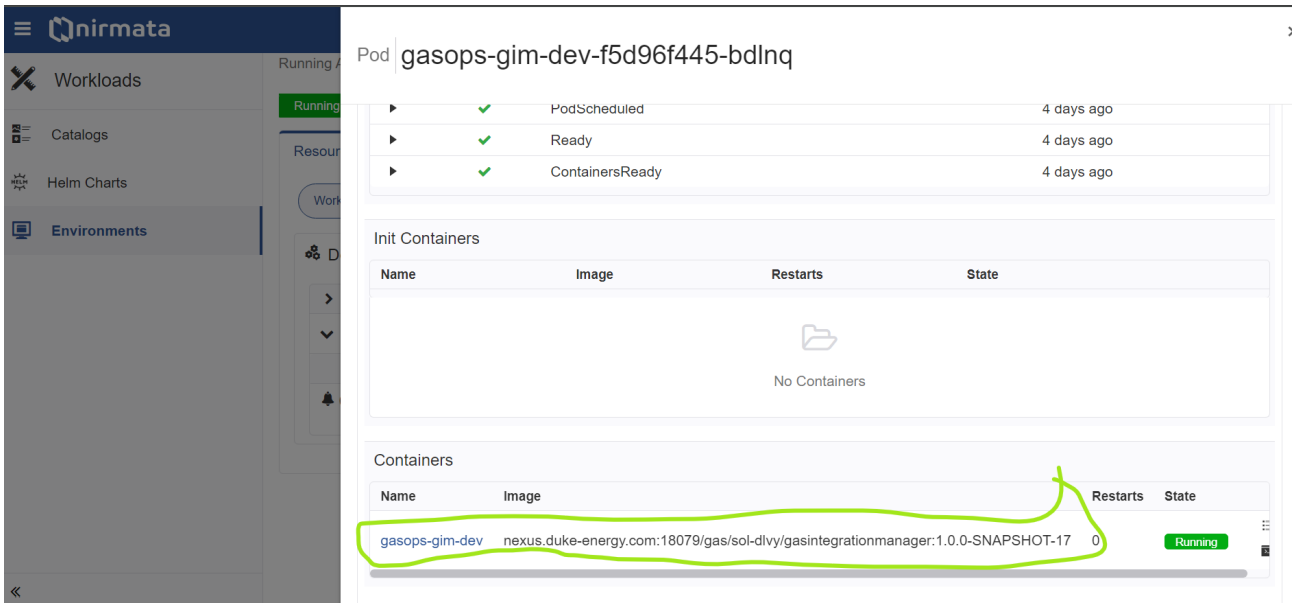
- So here we are using Jenkins for build and deploy the code with latest build number as shown below:



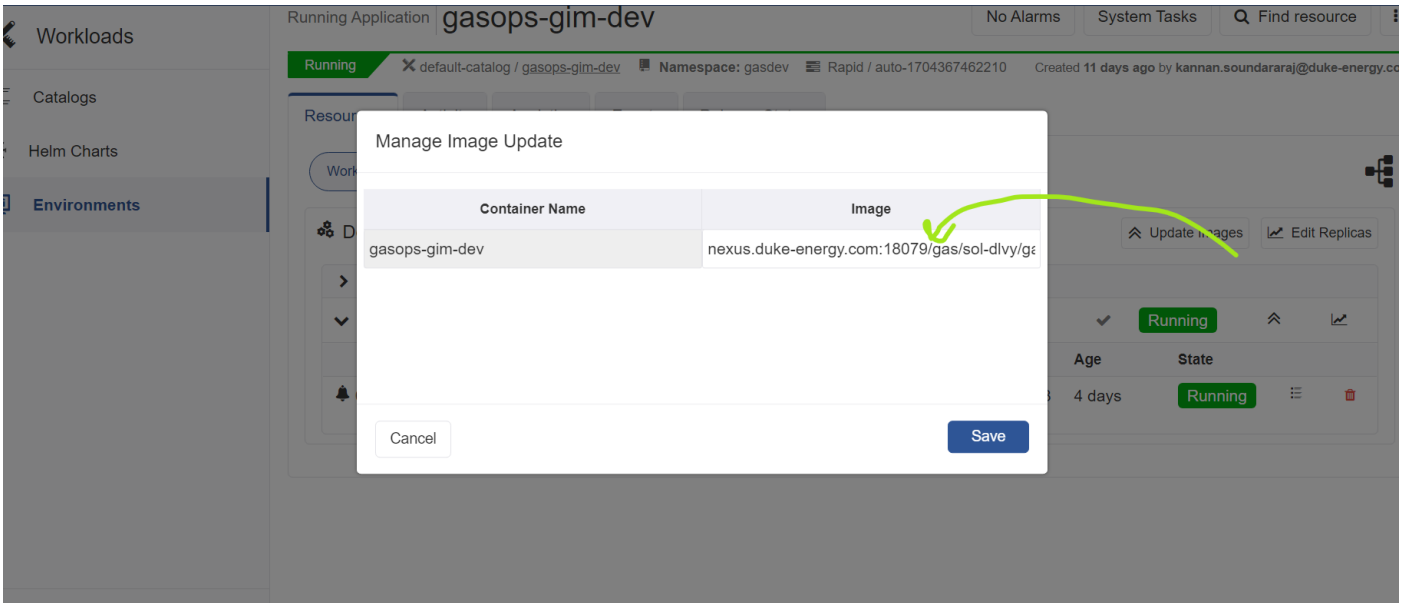
Here now inside the Jenkins there are three branches like suppose if we are going to build and deploy the code inside the Production Environment then we are using here master branch and if we are going to move the code inside the non-prod environments then we have to build and deploy inside the trunk branch as shown below:



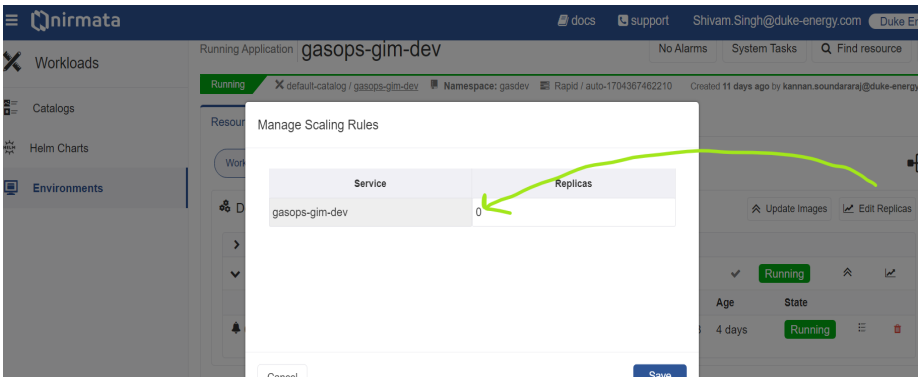
Now the next step is to build and deploy the job using Jenkins once the code got deployed we have to verify the latest build number inside the Nirmata so here we are find the lastest build with snapshot number this signifiace like pod id running and it got updated once it get updated we are able to see that timestamp in the pod as shown below:

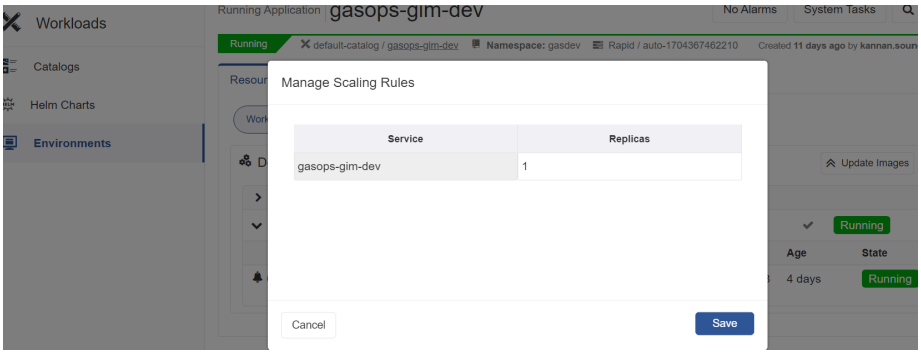


So Now let us suppose for some reason this Niramata Pod is not getting updated with latest build number which is having inside the Snapshot so what we have to do we have to manually do it by update the image first we have to click on Update Images and then inside the image URL scroll till last and there we find the build number with snapshot there we can replace the latest build number from Jenkins as shown below:

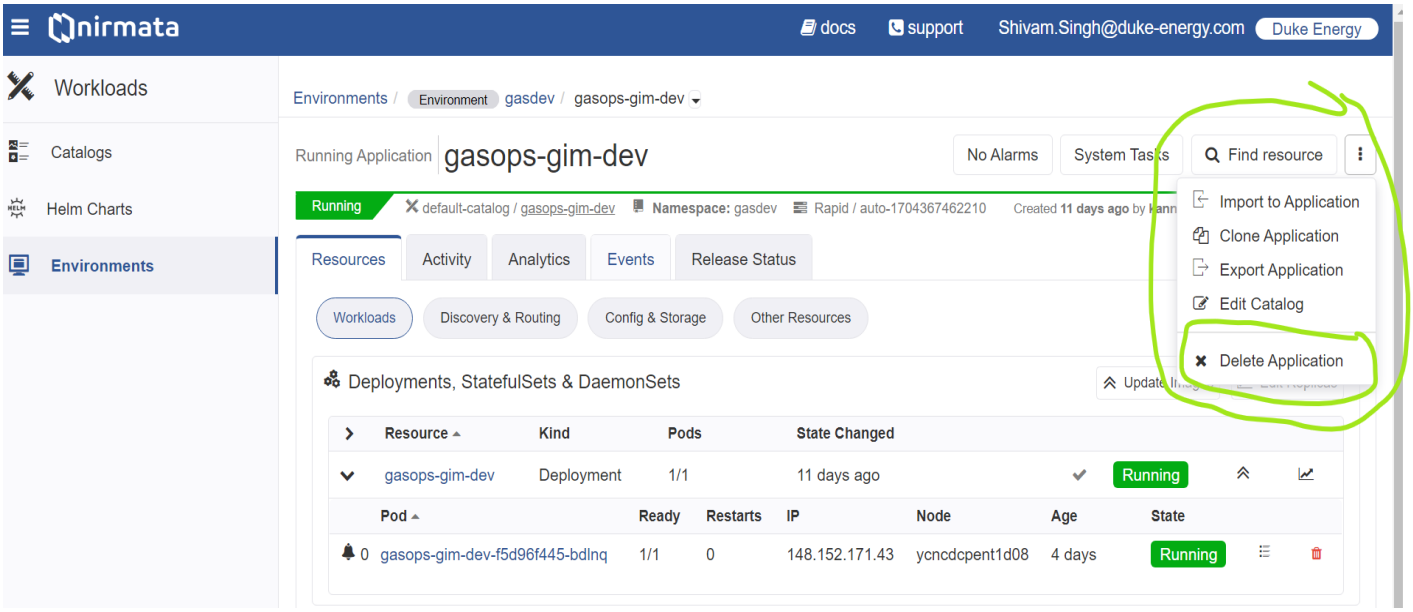


So here is like sometimes image got updated with latest build number but the pod is not getting restarted so that is the reason it is not reflecting under pod so for that issue we have to click on Edit Replicas then we have to put 0 and click on save so what it will do it will delete the current pod and then again if we put 1 then it will create the new service pod as shown below:

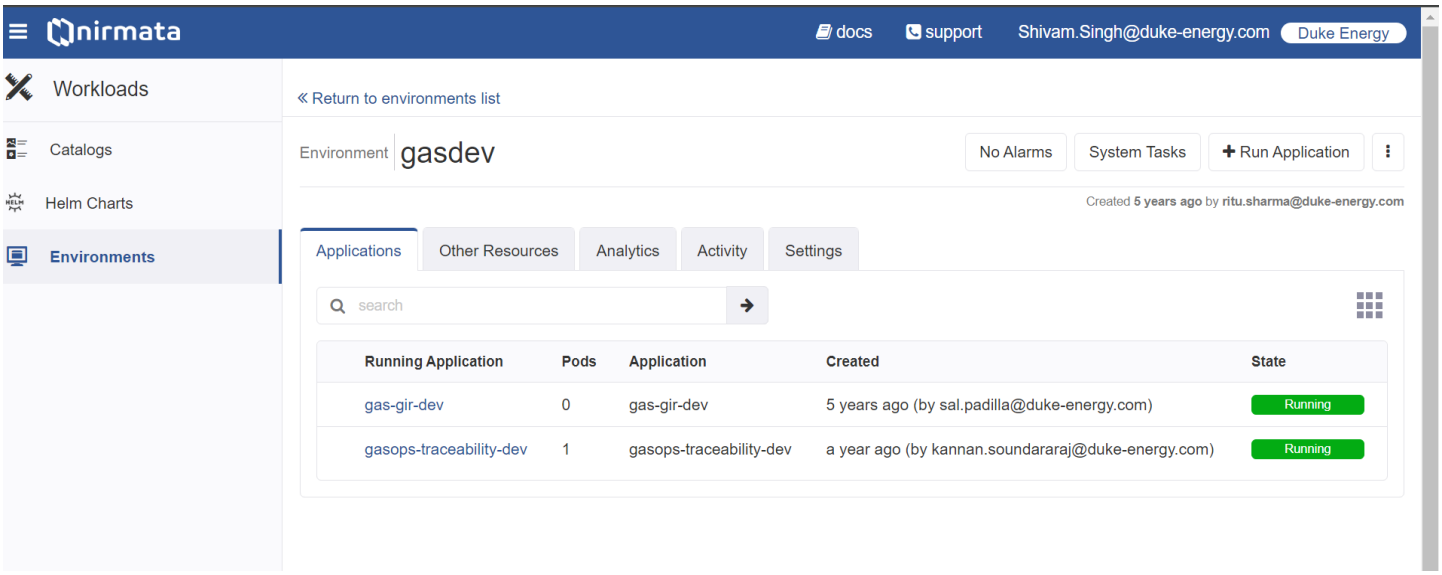




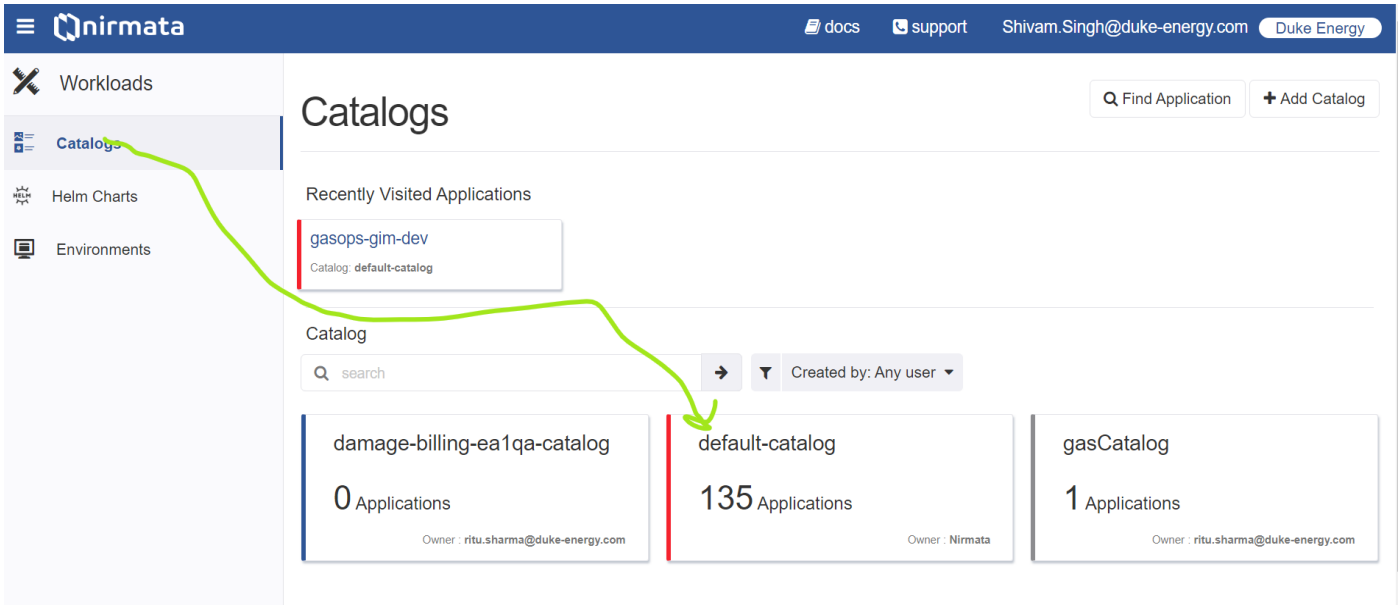
- So here like if all these steps are not working like EditReplica & UpdatesImage then at last we have to follow another process is deleting the current application in order to update the lastest build number pod so we will discuss on step by step as shown below:



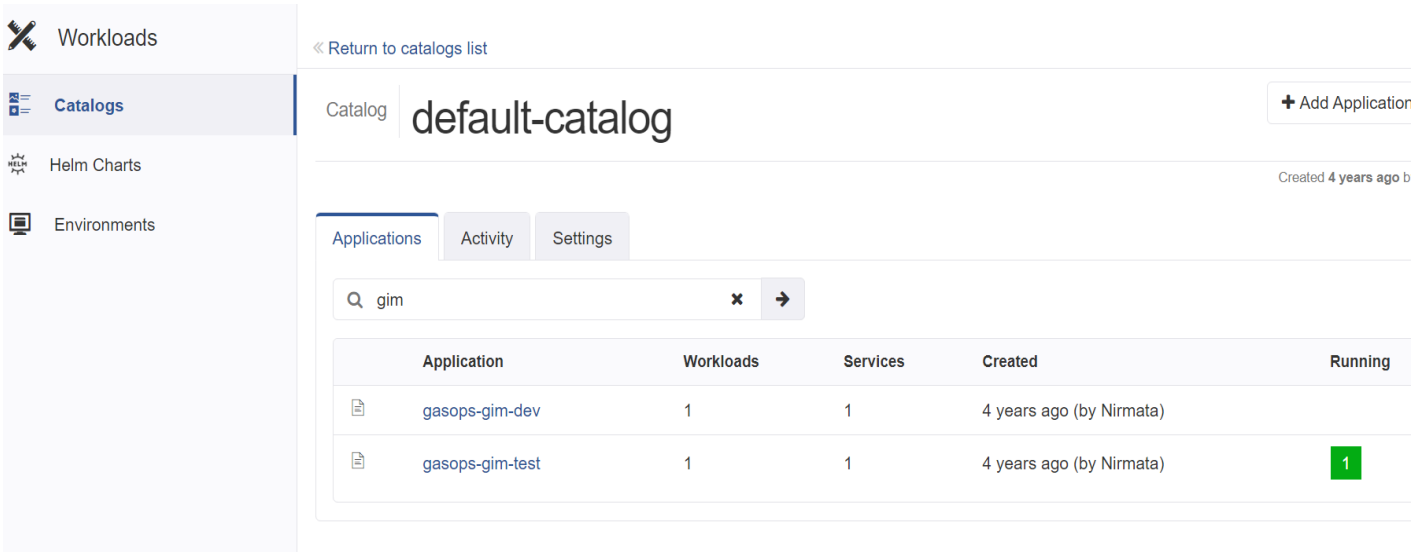
Step 1 : So here we can view like after deleting the application this gasops-gim-dev is not visible inside the Environments under Applications as shown below:



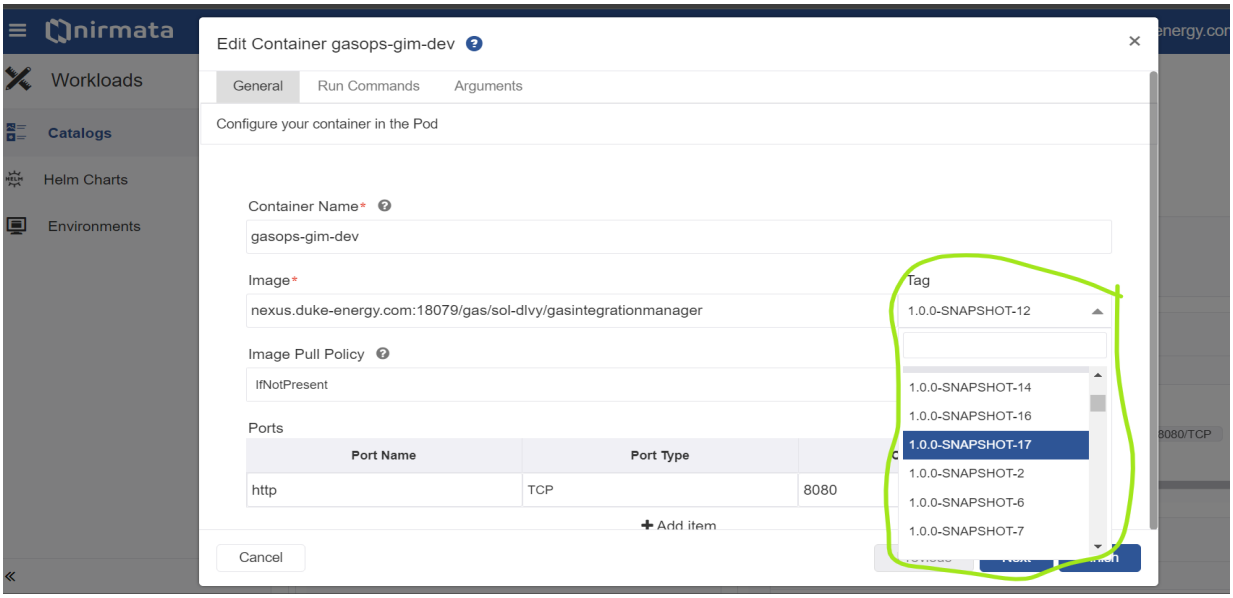
Step 2: Now here After deleting the application we have to click on Catalogs and then choose as default-catalog option as shown below:



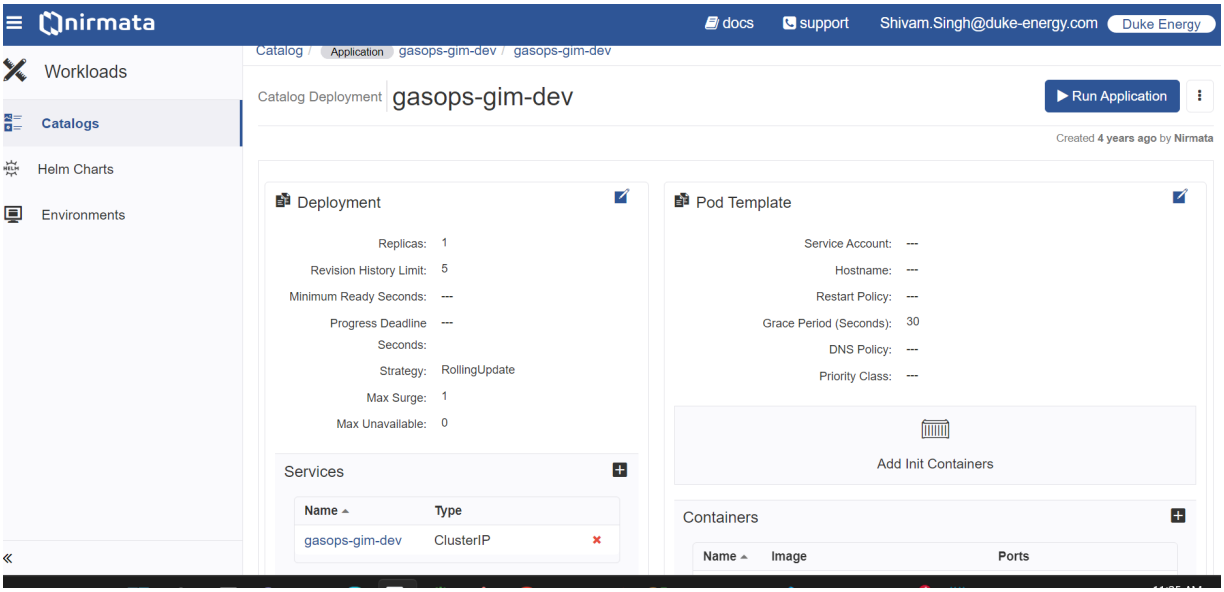
Step 3: So now here we have to search for gim and click on gasops-gim-dev as shown below:



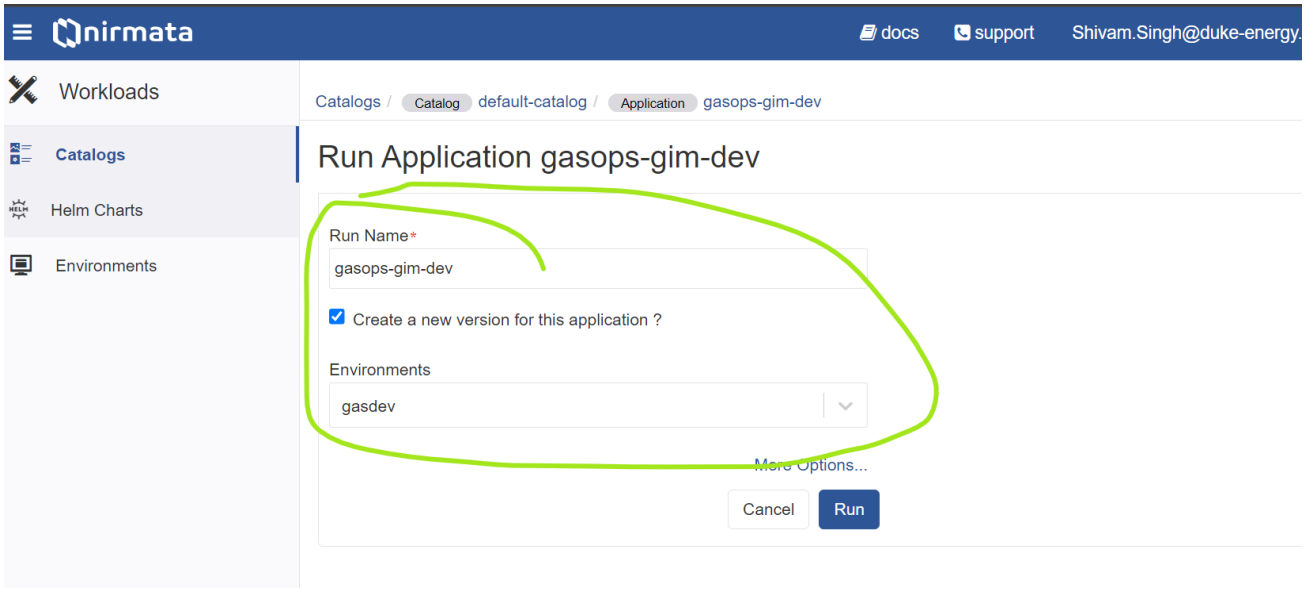
Step 4: And then after entering into the gasops-gim-dev page then we have to choose our lastest snapshot build number from the dropdown box as shown below:



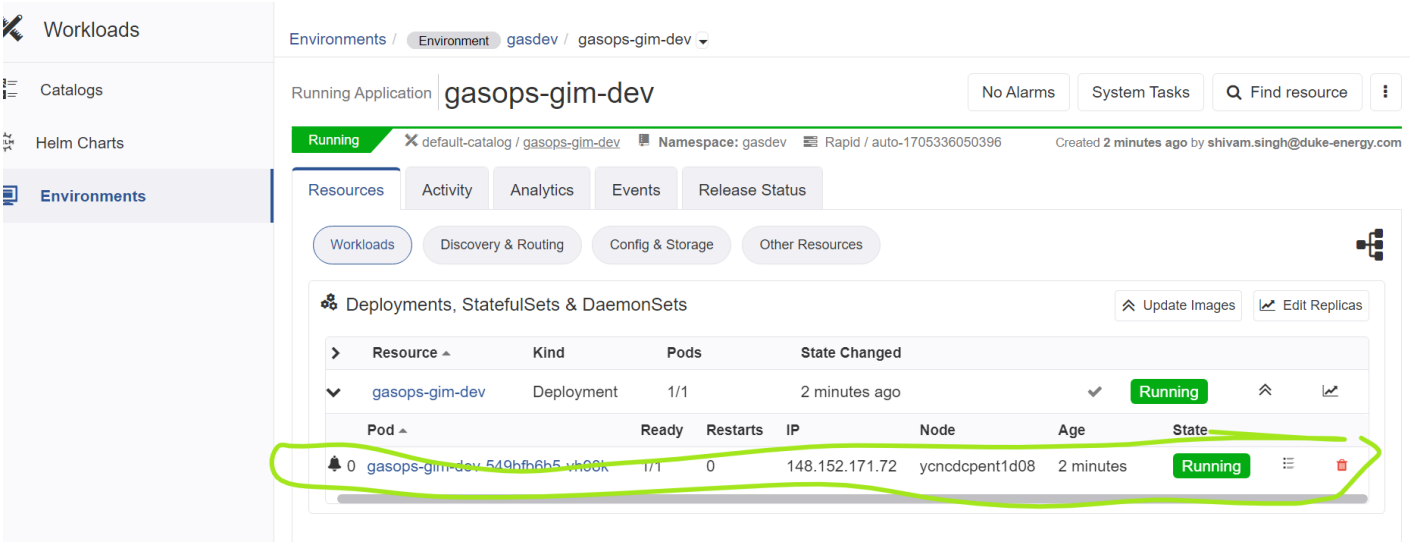
Step 5:No after that hit on Run Application as shown below:



Step 6 : Now here select this checkbox and from the Environments choose as gasdev as shown below:



Step 7 : Now finally we are able to see this service got created as shown below:



Step 8 : Now finally from here we can check the logs as well that application got started or not as shown below: