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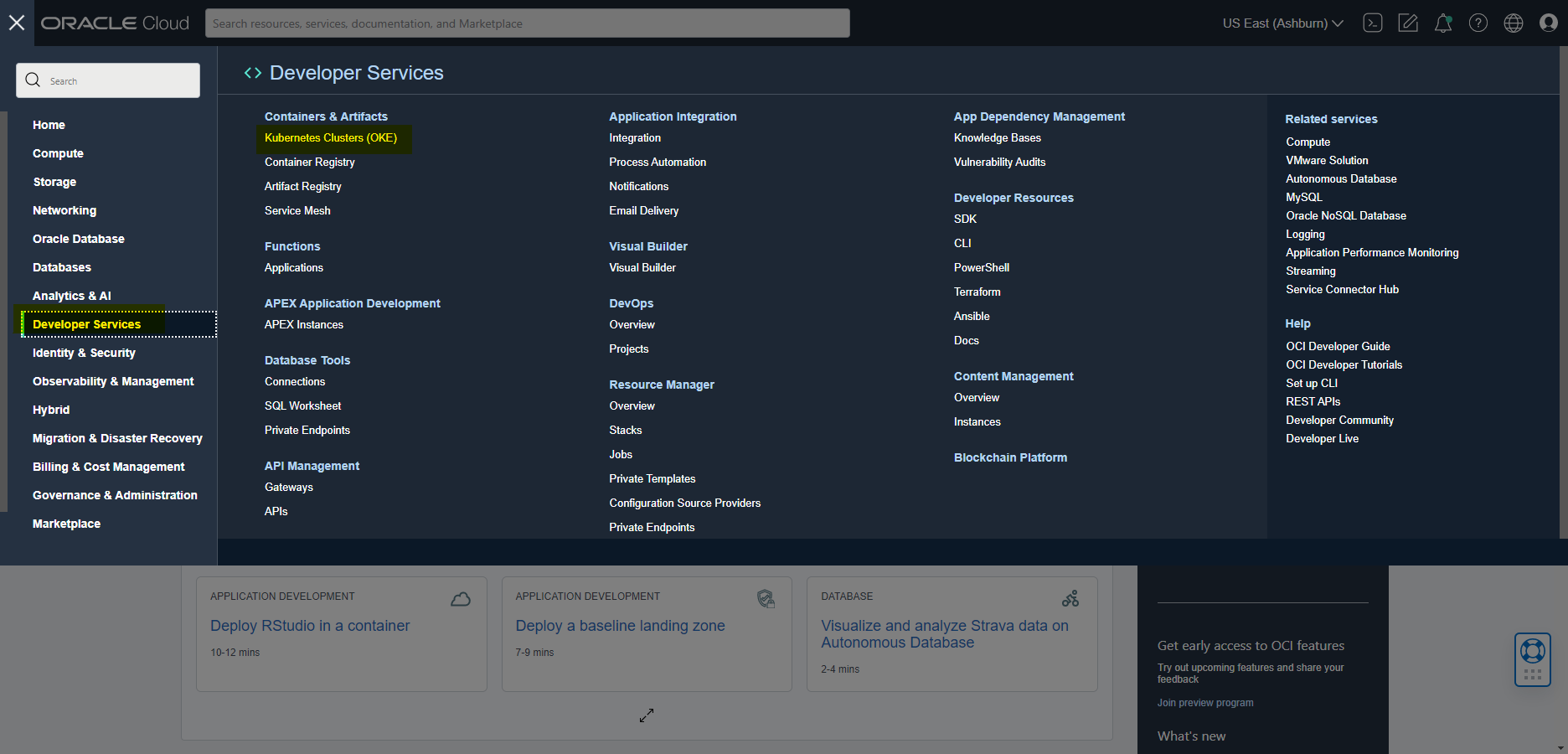
[Gotoro: Guideline to Connect to OKE to Add Oracle Registry Secret 1](#_Toc119369058)

[Gotoro: Add OKE prod to ArgoCD 1](#_Toc119369059)

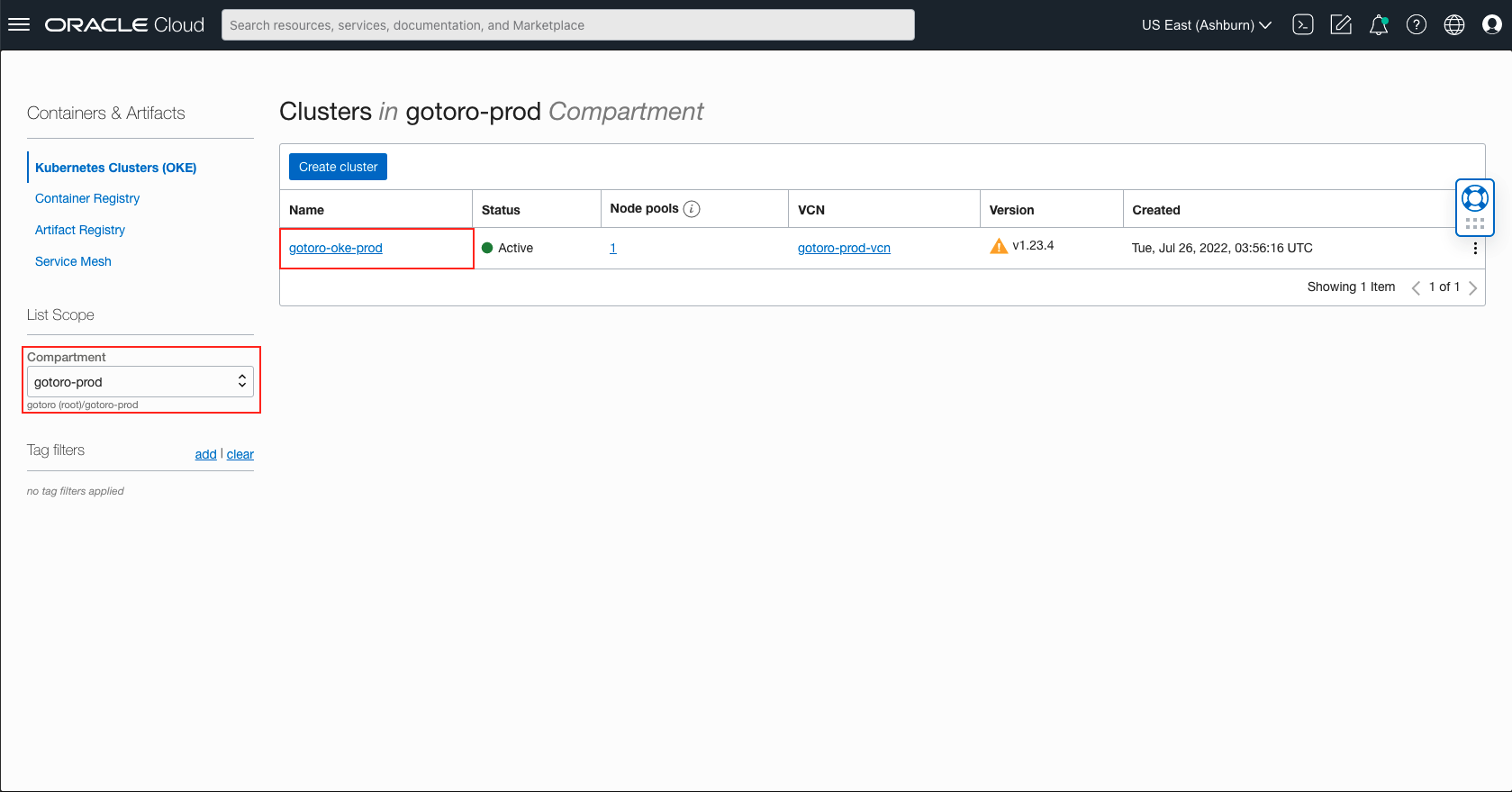
[Gotoro: Deploy application for Prod by ArgoCD 1](#_Toc119369060)

# Gotoro: Guideline to Connect to OKE to Add Oracle Registry Secret

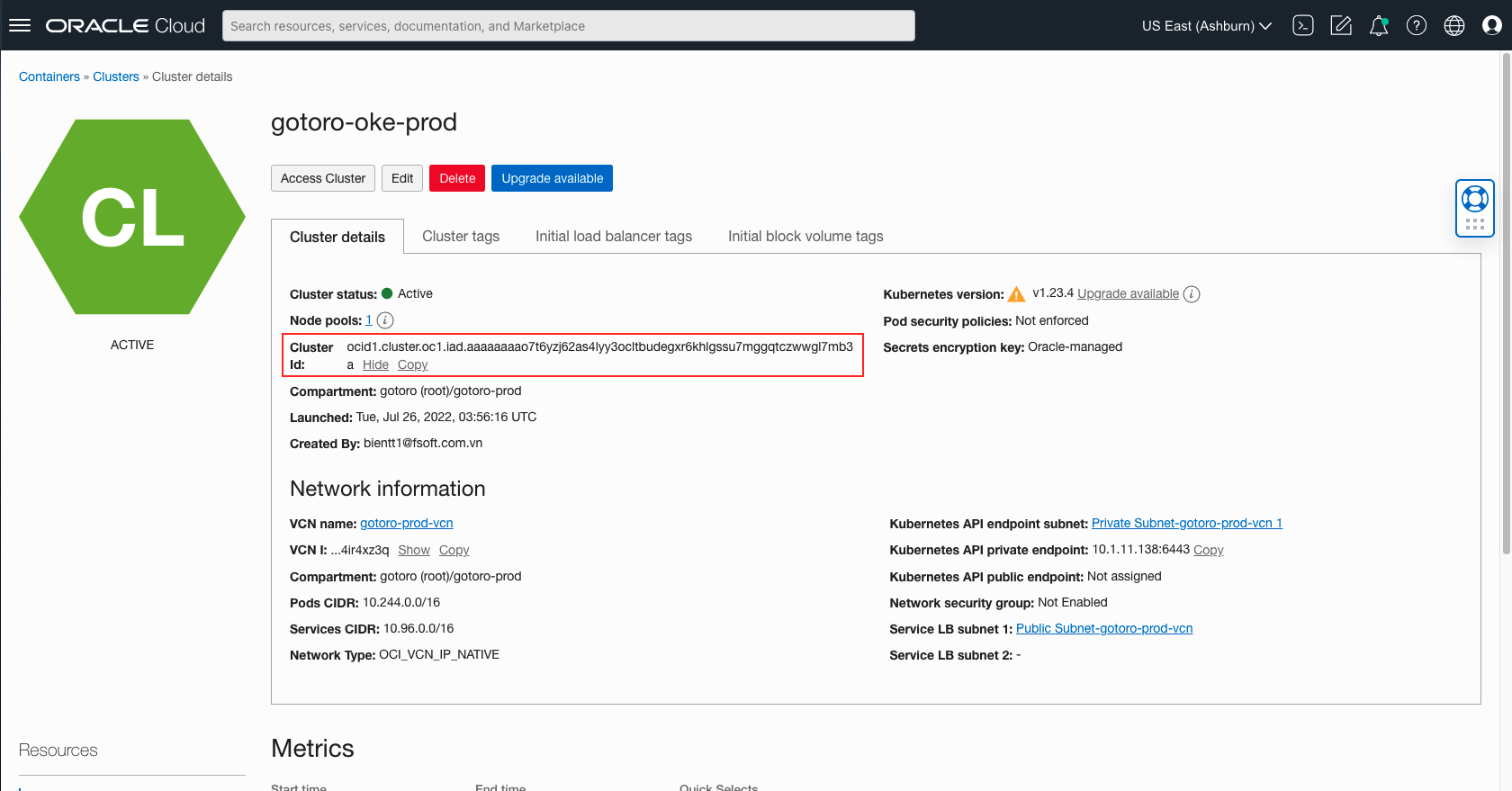
Step 1: Login Oracle Cloud: [Oracle Cloud Infrastructure](https://cloud.oracle.com/?region=us-ashburn-1). Go to **Develoer Services** > **Kubernetes Cluster**.



Step 2: Change **Compartment** to gotoro-prod and chose cluster.



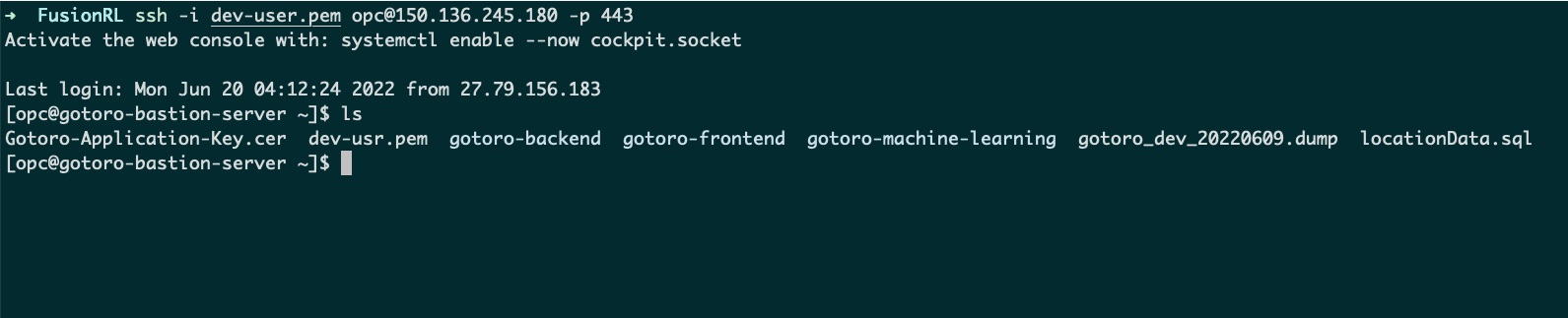
Step 3: Copy Cluster ID.



Step 4: SSH to Bastion VM by **dev-user.pem**.

ssh -i dev-user.pem opc@150.136.245.180 -p 443

Example:



Step 5: Connect to OKE by oci command:

sudo -i

oci ce cluster create-kubeconfig --cluster-id ocid1.cluster.oc1.iad.aaaaaaaao7t6yzj62as4lyy3ocltbudegxr6khlgssu7mggqtczwwgl7mb3a --file $HOME/.kube/config --region us-ashburn-1 --token-version 2.0.0 --kube-endpoint PRIVATE\_ENDPOINT



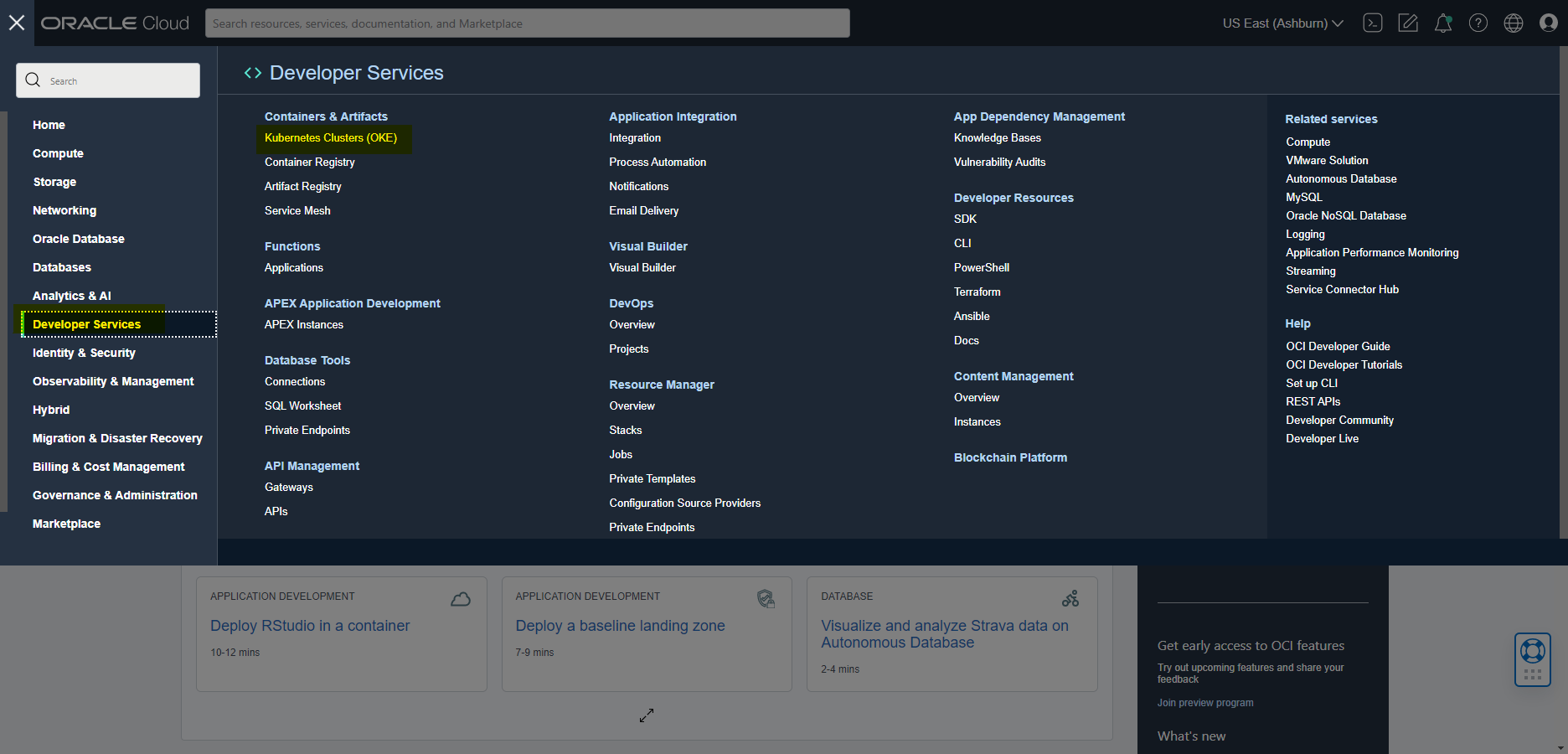
Step 6: Create secret key for Oracle Registry

kubectl create ns prod

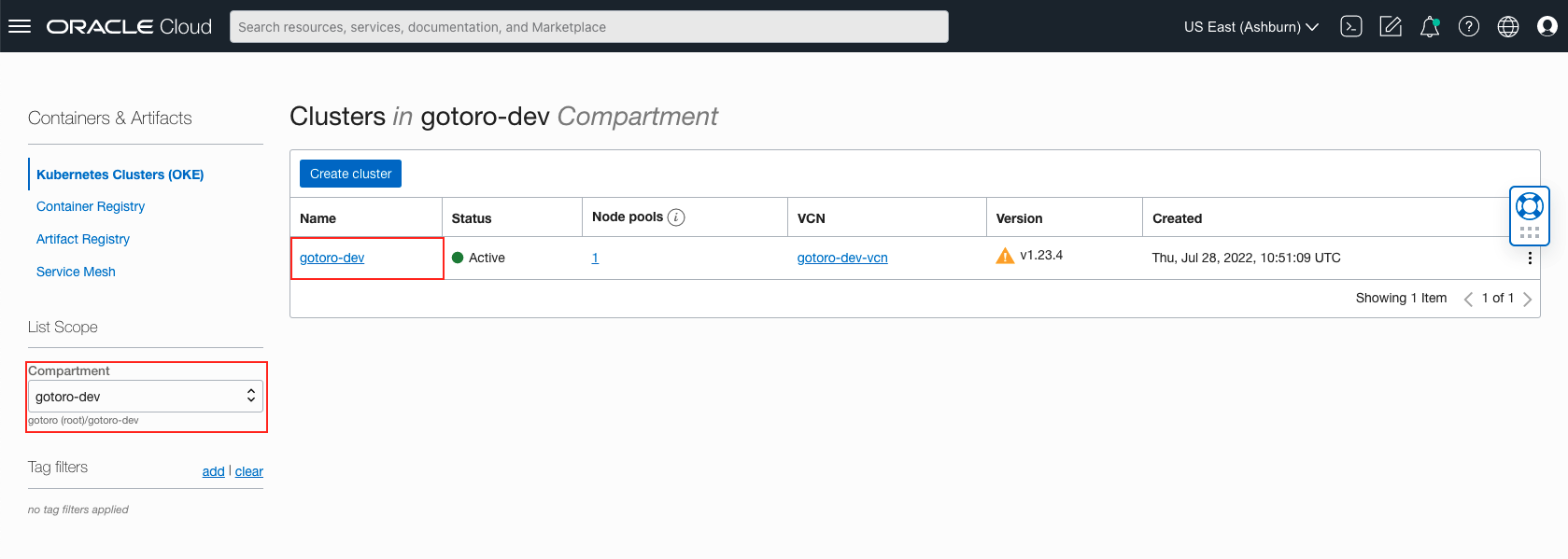
kubectl create secret docker-registry ocirsecret --docker-server=us-ashburn-1.ocir.io --docker-username='**idapel7w8ikn**/serviceaccount' --docker-password= 'rO95V.4DJsZ#-9ExNdpS' --docker-email='tuanpt4@fsoft.com.vn' -n prod

# Gotoro: Add OKE prod to ArgoCD

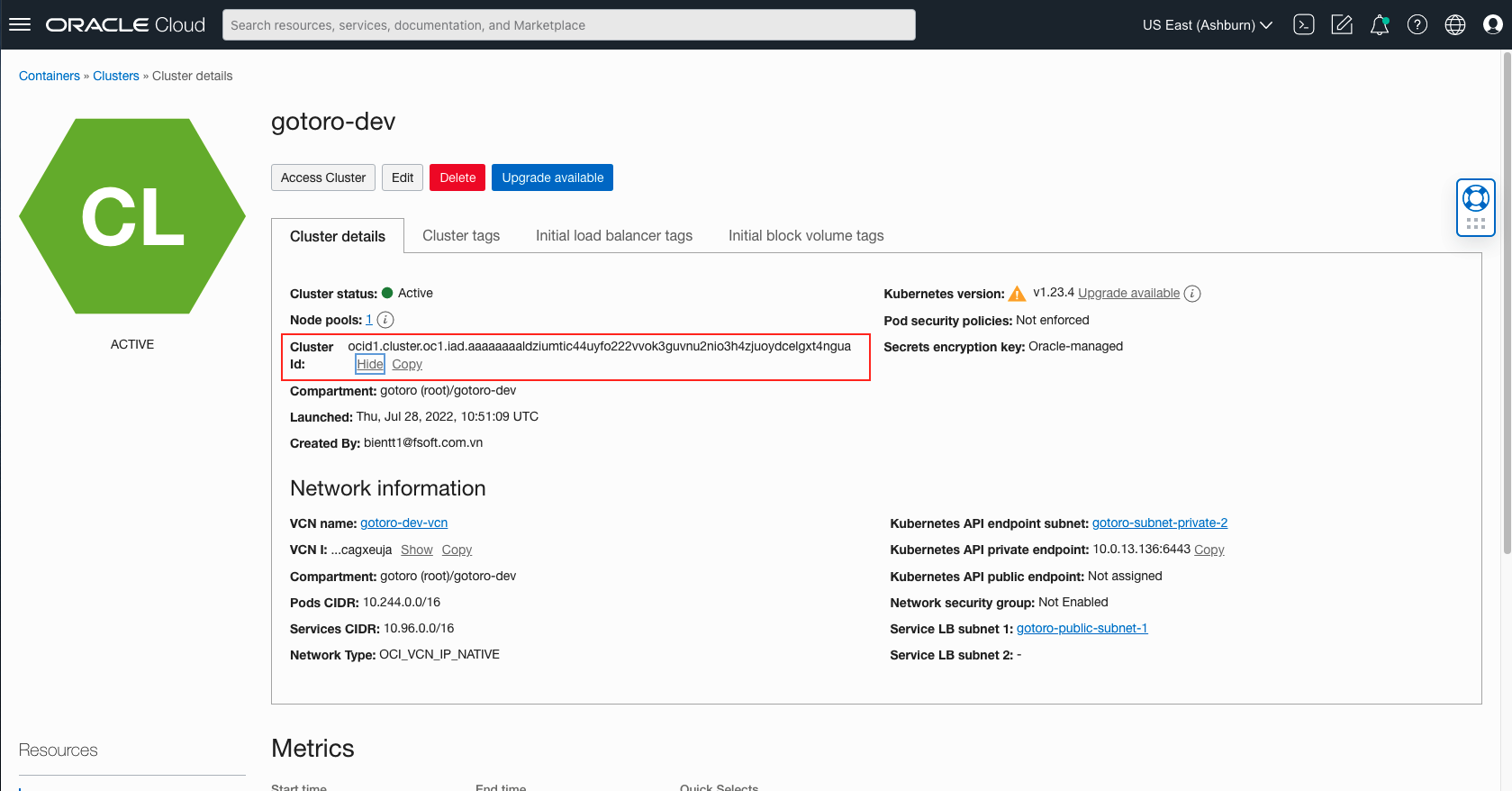
Step 1: Login Oracle Cloud: [Oracle Cloud Infrastructure](https://cloud.oracle.com/?region=us-ashburn-1). Go to **Develoer Services** > **Kubernetes Cluster**.



Step 2: Change **Compartment** to gotoro-dev and chose cluster.



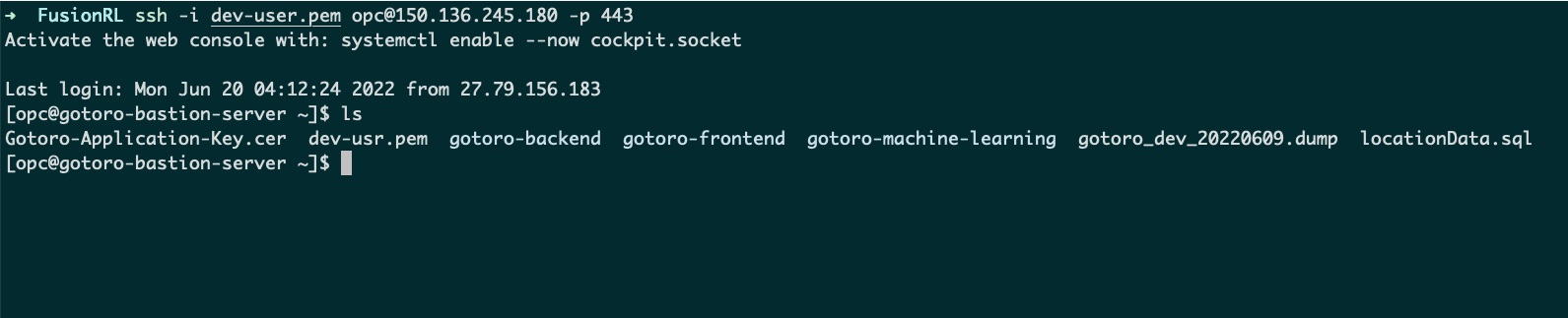
Step 3: Copy Cluster ID.



Step 4: SSH to Bastion VM by **dev-user.pem**.

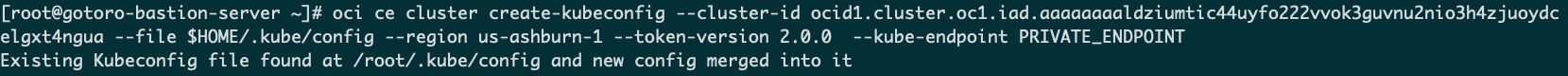
ssh -i dev-user.pem opc@150.136.245.180 -p 443

Example:



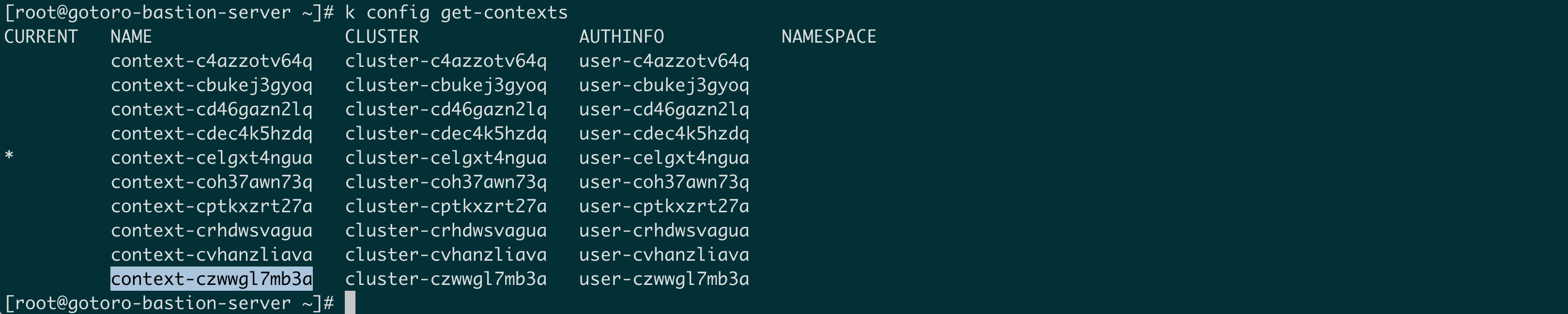
Step 5: Connect to OKE by oci command:

oci ce cluster create-kubeconfig --cluster-id ocid1.cluster.oc1.iad.aaaaaaaaldziumtic44uyfo222vvok3guvnu2nio3h4zjuoydcelgxt4ngua --file $HOME/.kube/config --region us-ashburn-1 --token-version 2.0.0 --kube-endpoint PRIVATE\_ENDPOINT

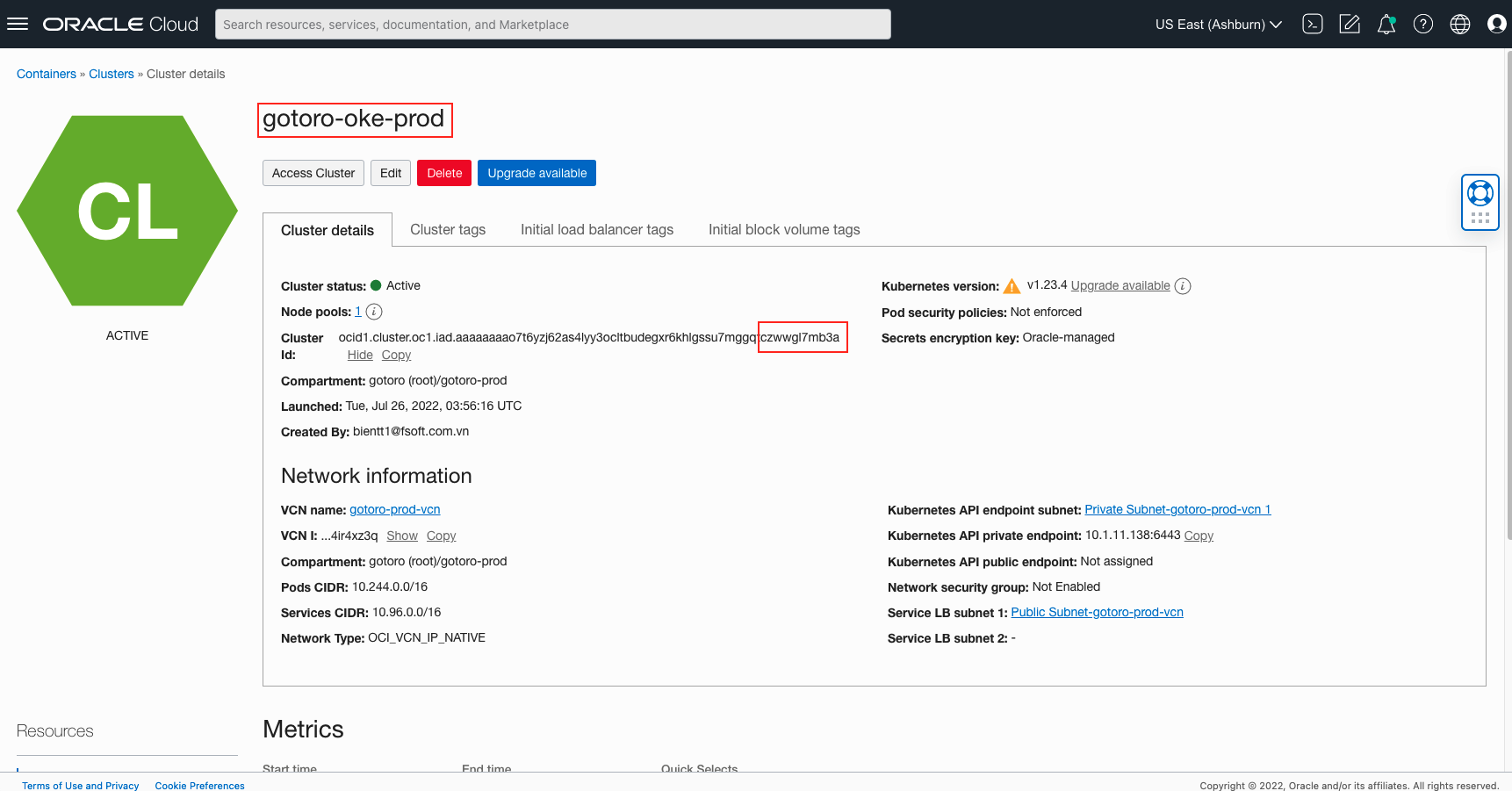


Step 6: Get kubectl context:

kubectl config get-contexts



**Note:** Context depend on Cluster ID, example.



Step 7: Copy context of prod OKE. Login to argocd on command and add cluster.

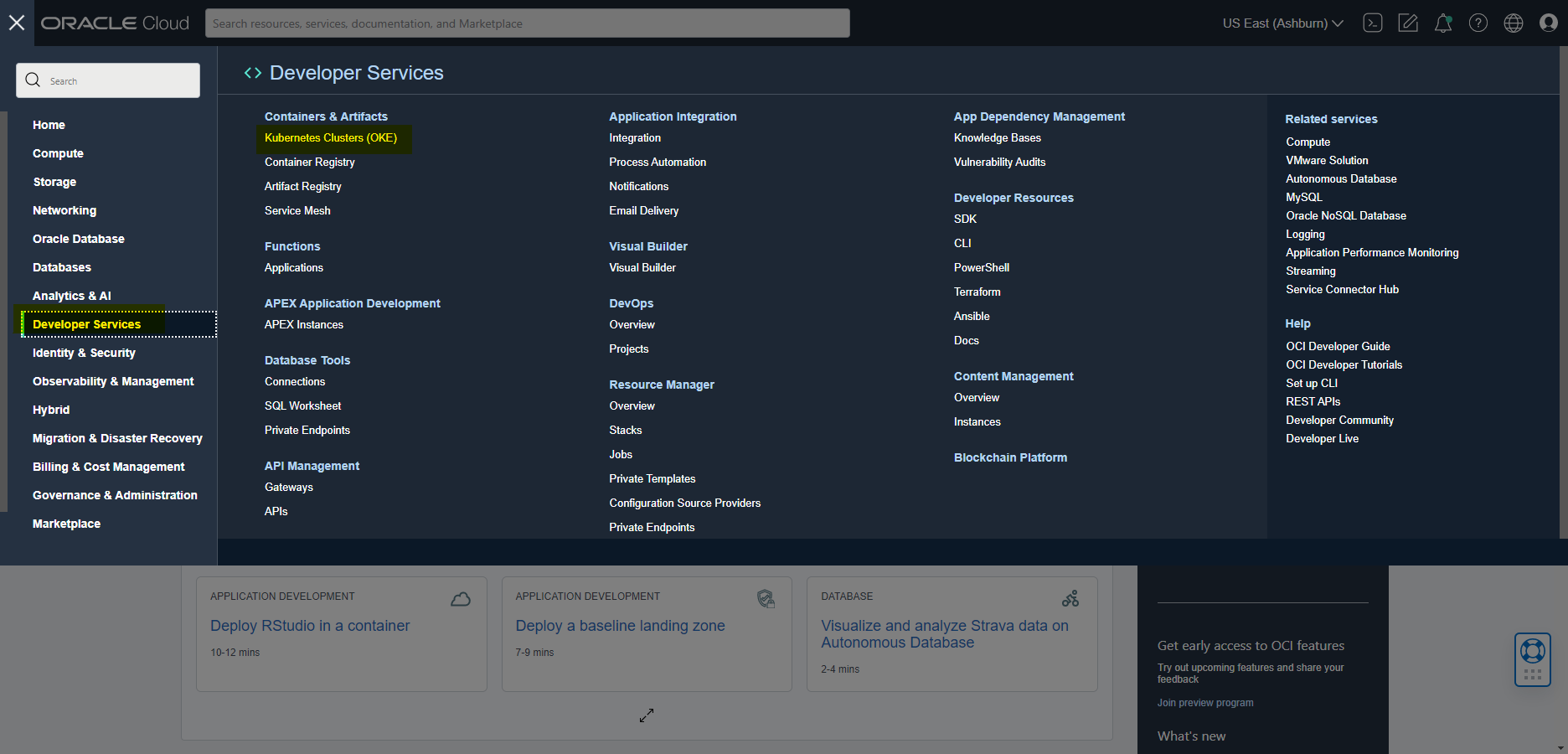
argocd login 10.0.10.116:80 --username admin

argocd cluster add context-czwwgl7mb3a

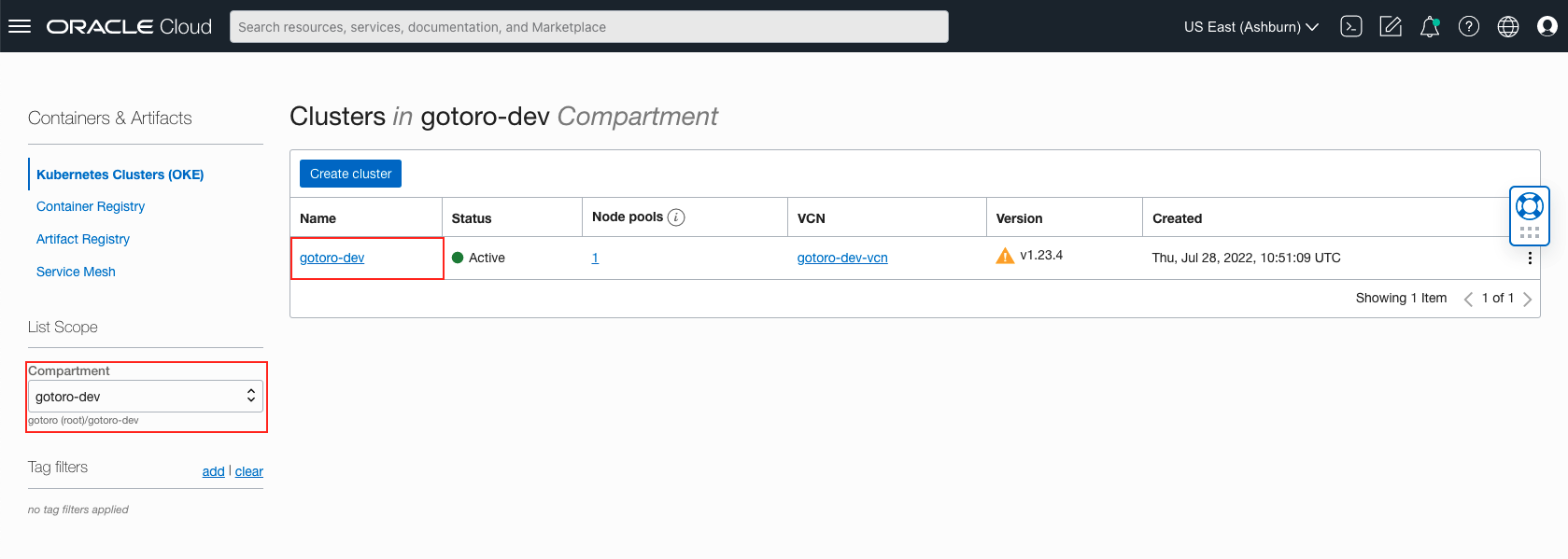
Add Cluster successfully

# Gotoro: Deploy application for Prod by ArgoCD

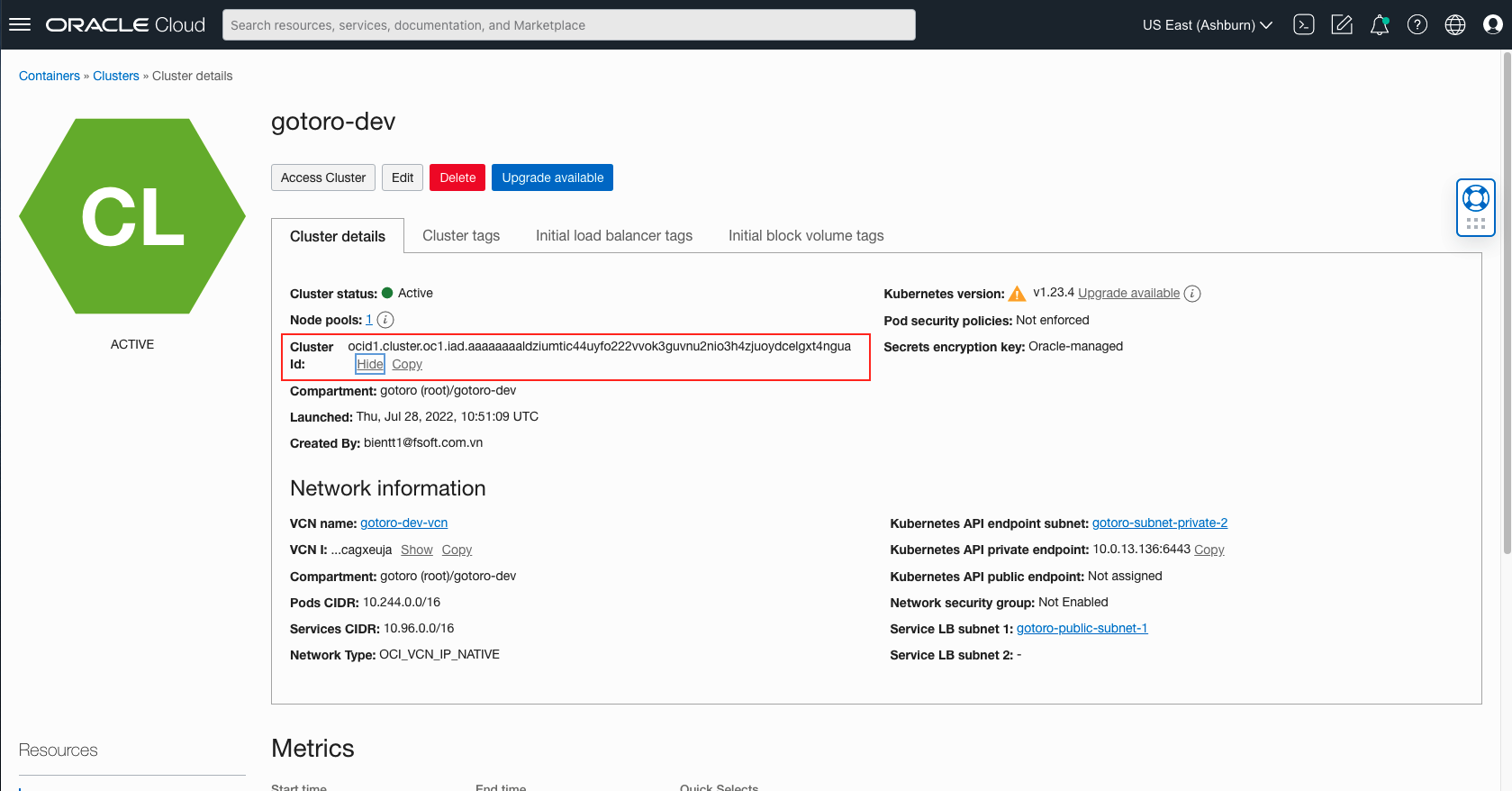
Step 1: Login Oracle Cloud: [Oracle Cloud Infrastructure](https://cloud.oracle.com/?region=us-ashburn-1). Go to **Develoer Services** > **Kubernetes Cluster**.



Step 2: Change **Compartment** to gotoro-dev and chose cluster.



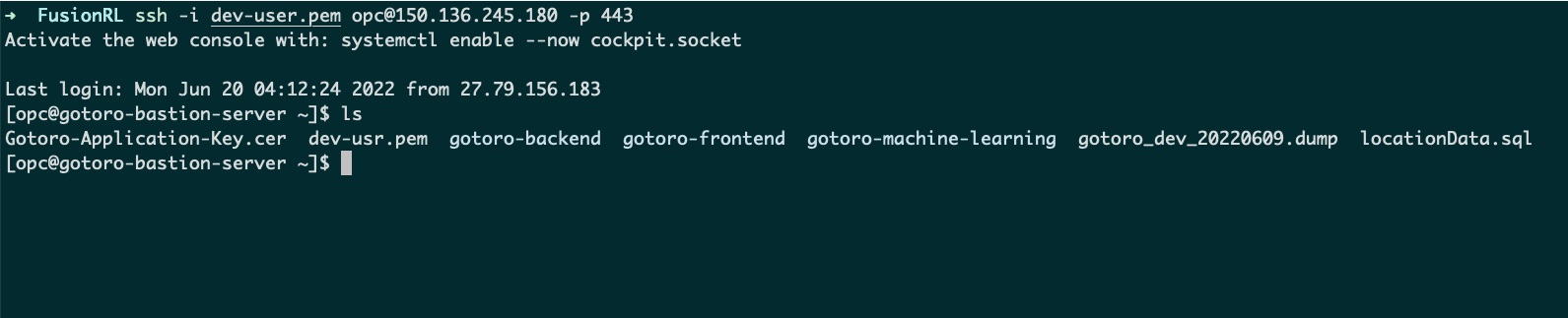
Step 3: Copy Cluster ID.



Step 4: SSH to Bastion VM by **dev-user.pem**.

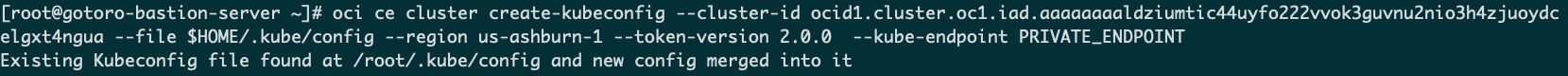
ssh -i dev-user.pem opc@150.136.245.180 -p 443

Example:



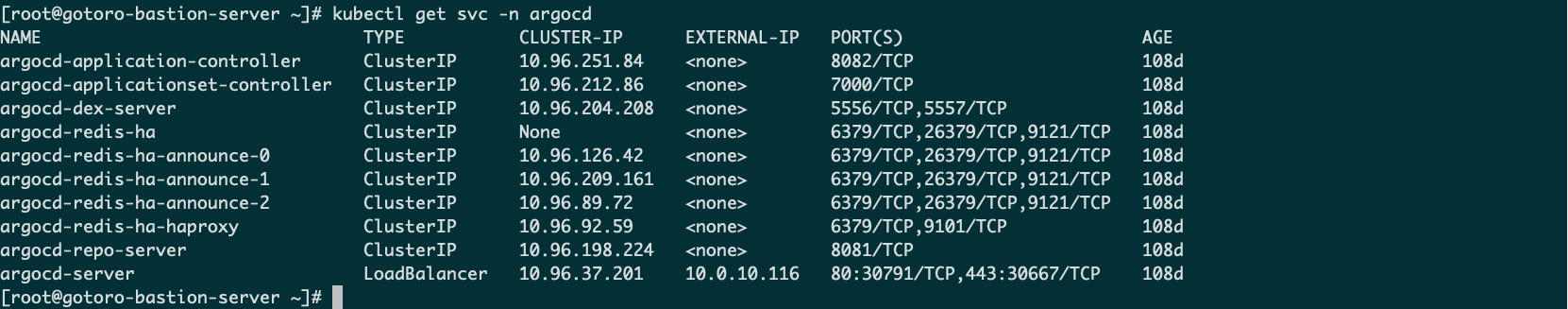
Step 5: Connect to OKE by oci command:

oci ce cluster create-kubeconfig --cluster-id ocid1.cluster.oc1.iad.aaaaaaaaldziumtic44uyfo222vvok3guvnu2nio3h4zjuoydcelgxt4ngua --file $HOME/.kube/config --region us-ashburn-1 --token-version 2.0.0 --kube-endpoint PRIVATE\_ENDPOINT



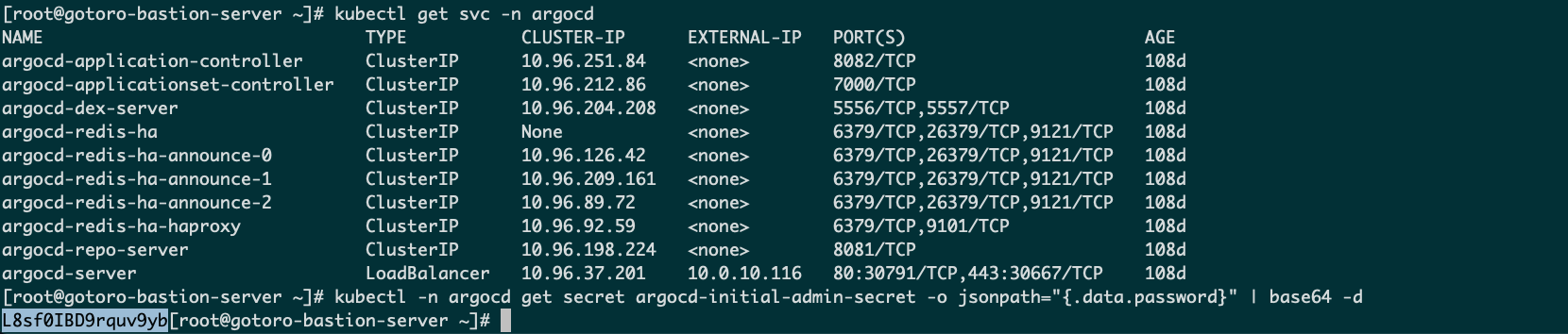
Step 6: Get ArgoCD IP:

kubectl get svc -n argocd



Step 7: Get argocd password.

kubectl -n argocd get secret argocd-initial-admin-secret -o jsonpath="{.data.password}" | base64 -d

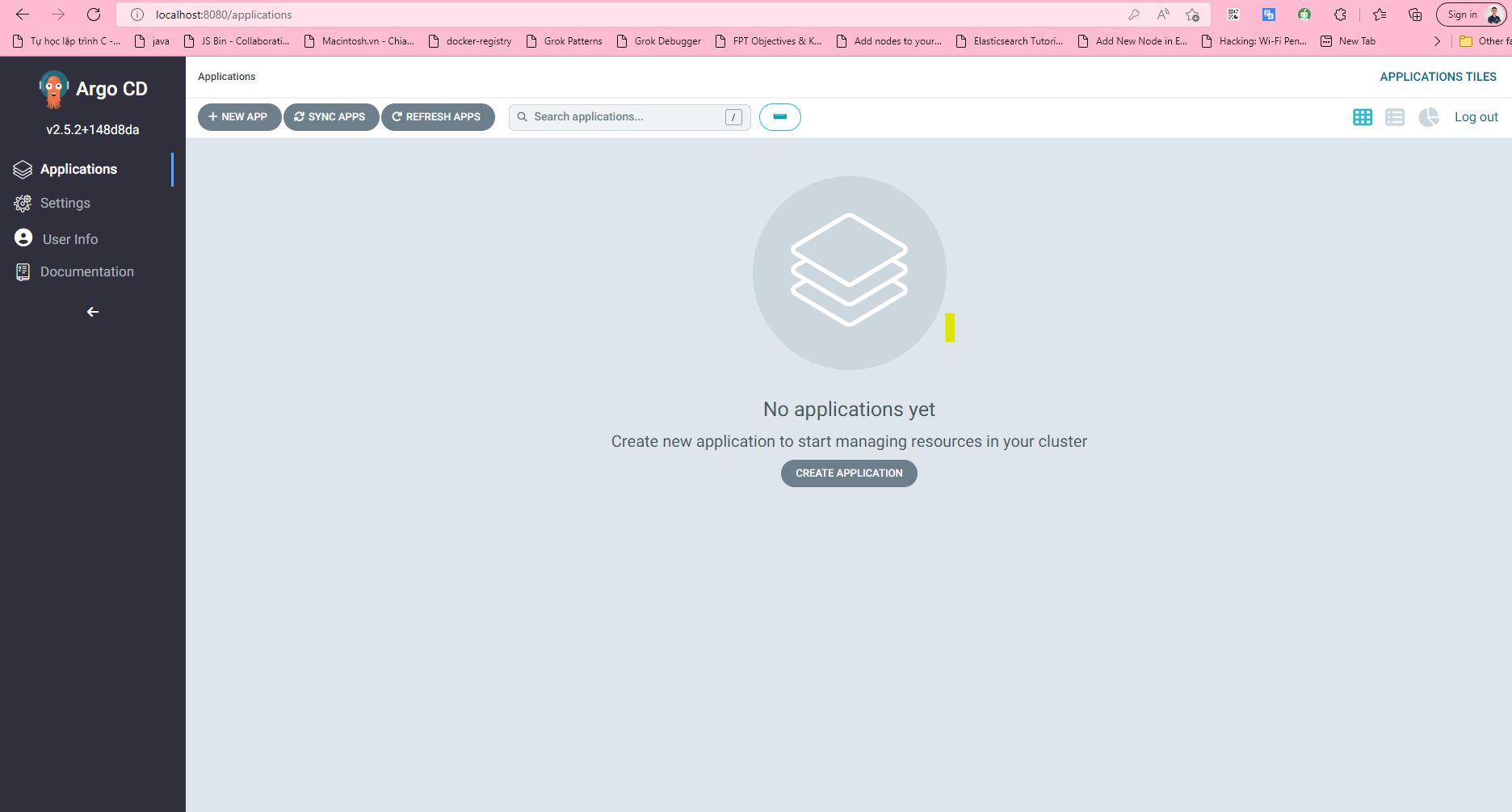


Step 8: Connect to Argocd

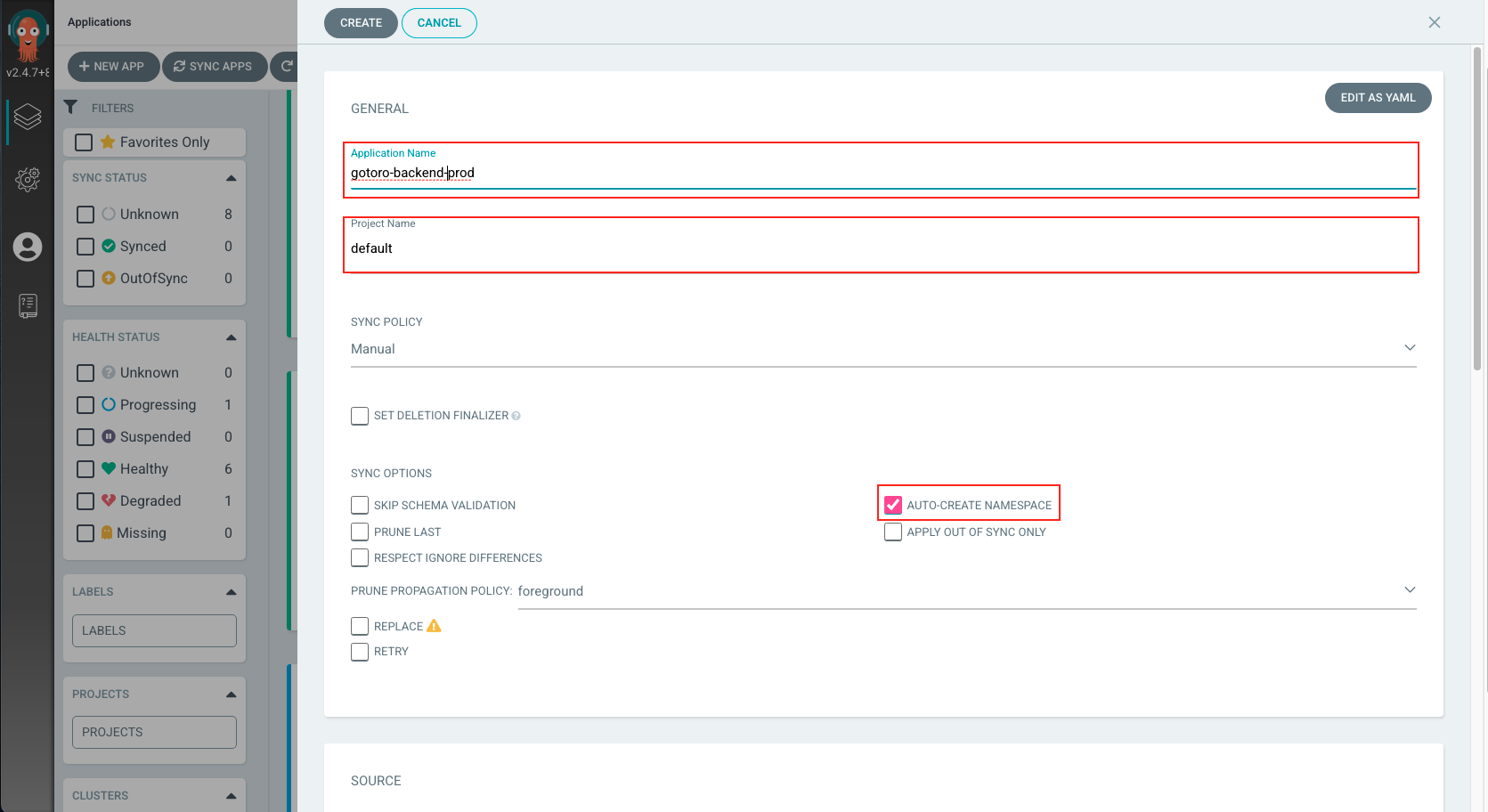
Open new terminal at folder dev-user.pem and run command.

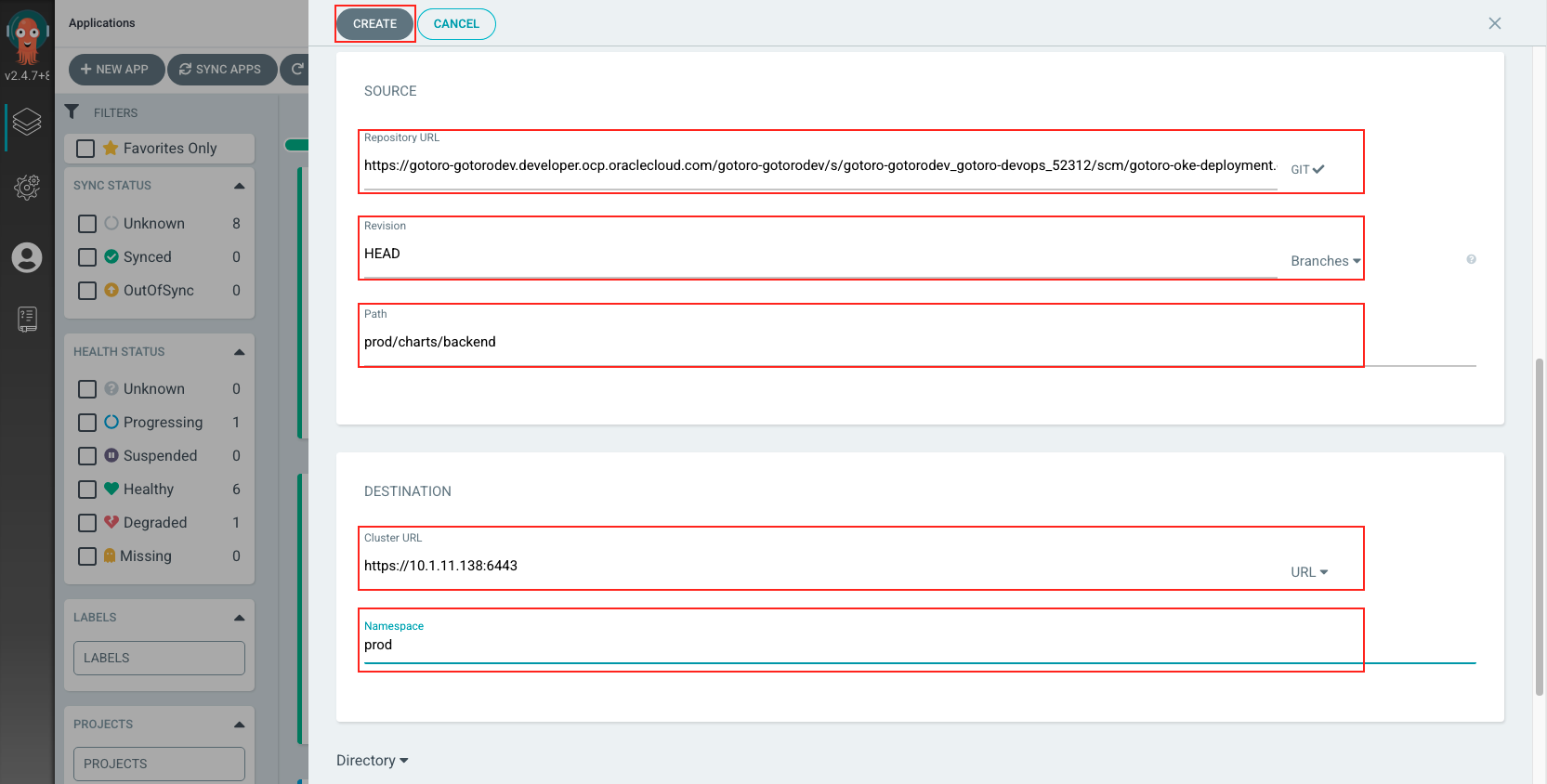
ssh -i dev-user.pem -vNL 8081:<argocd-release-server external-IP>:8080 [opc@150.136.245..180](mailto:opc@150.136.245..180) –p 443

Open Browser with URL: localhost:8081. Login with user is admin and password at the previous step.

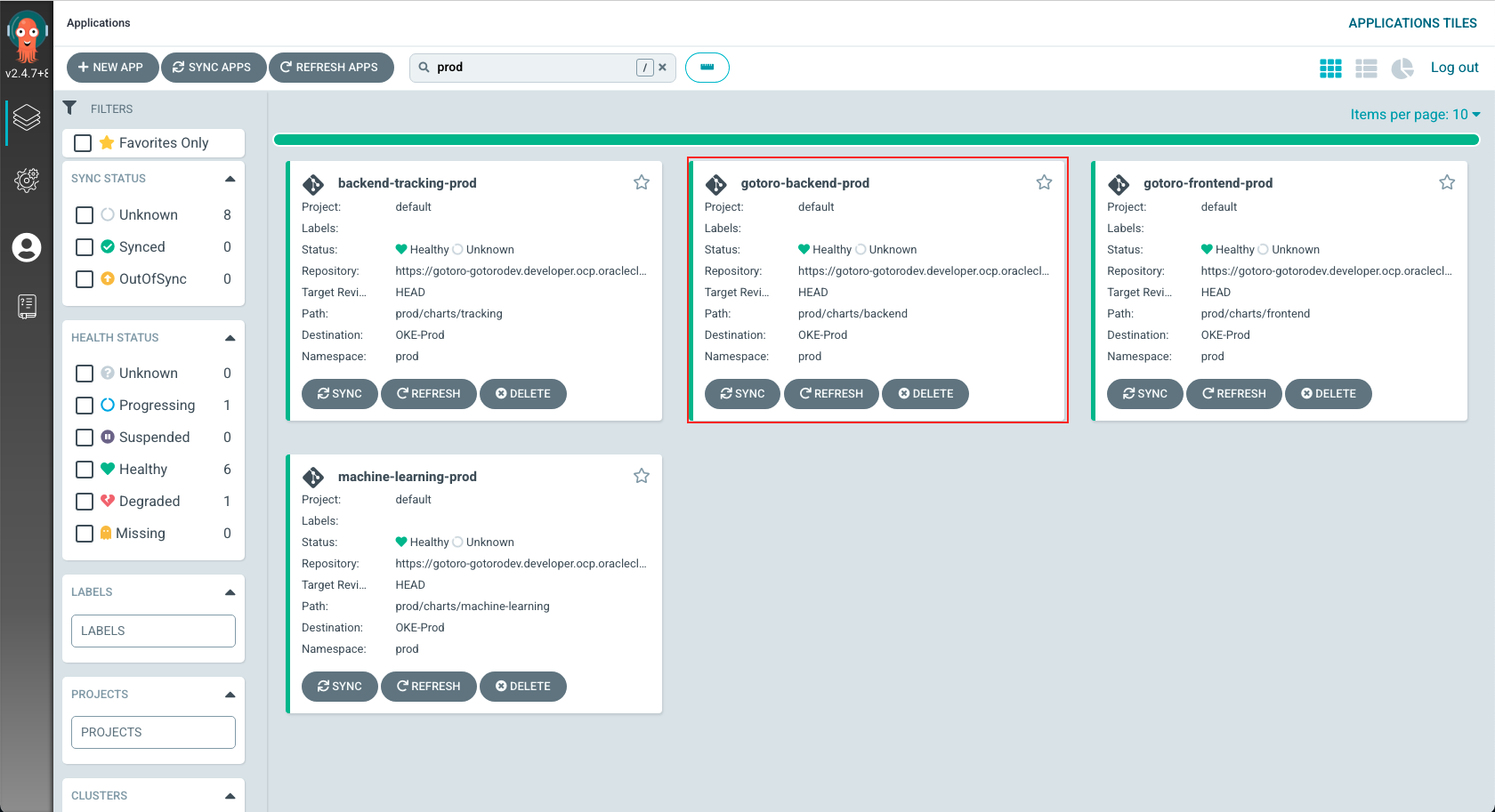


Step 9: Create **New App** and fill information.

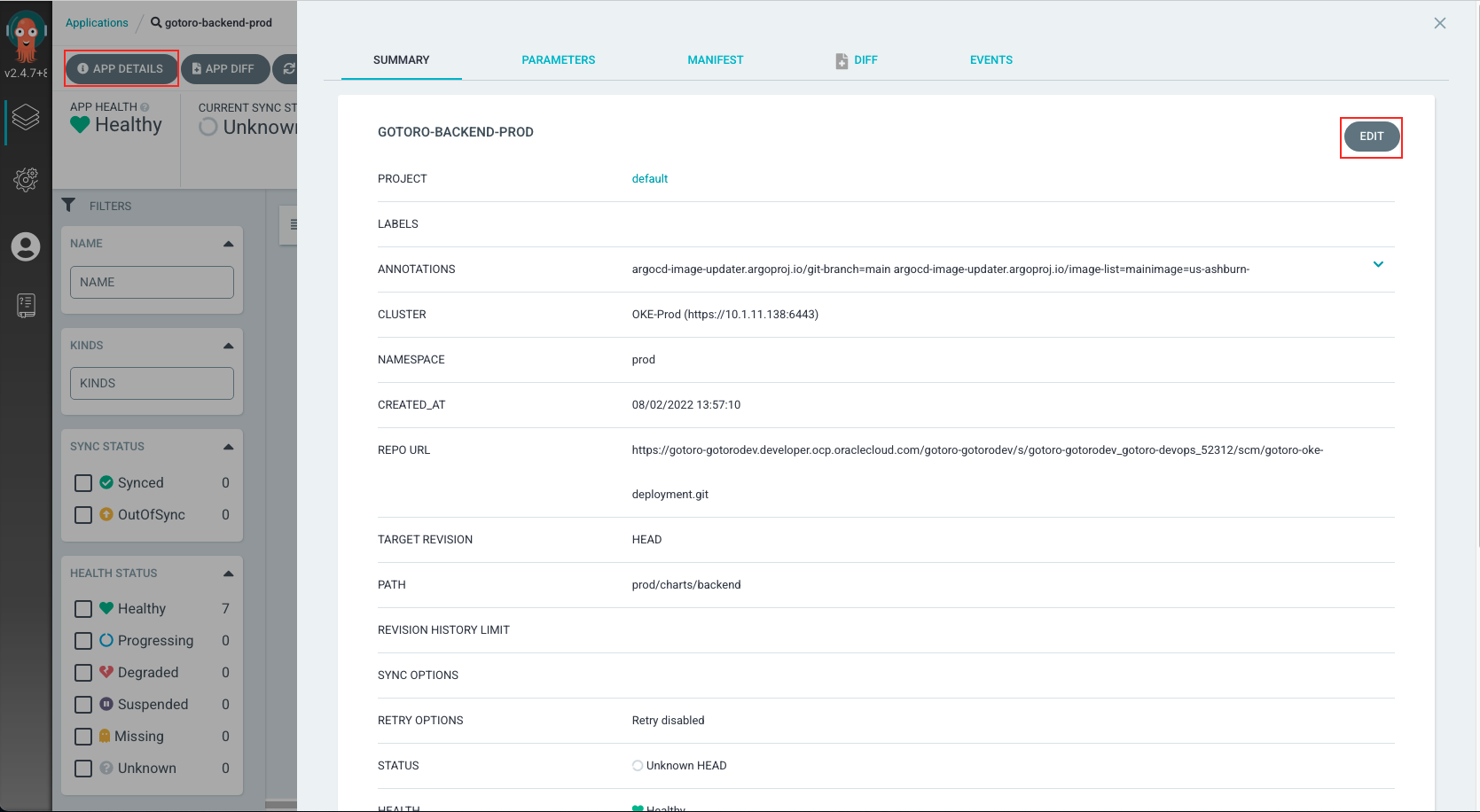




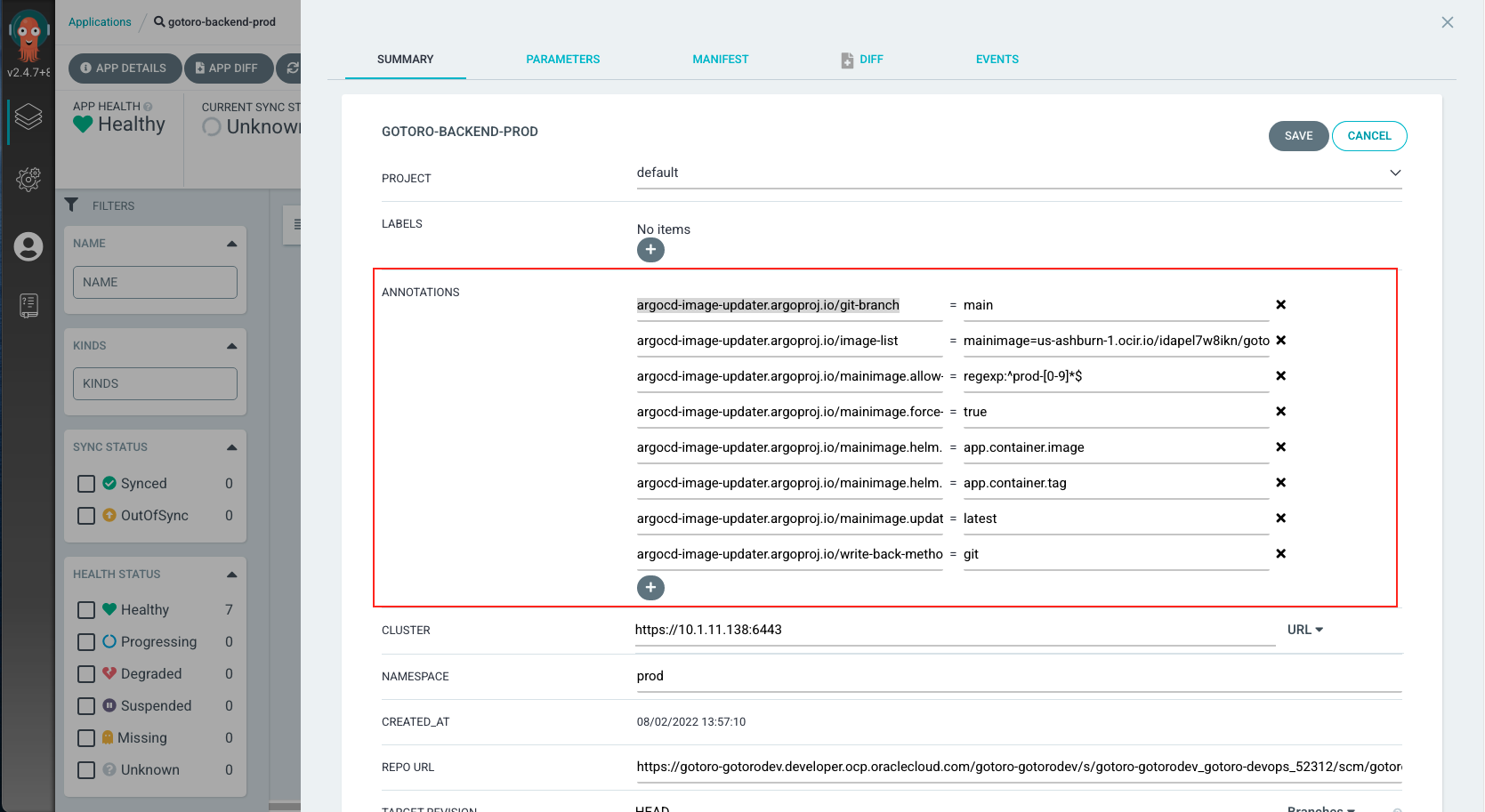
Step 10: And Create, after create we will can see application appear and Click to update it.



Step 11: Click to App Details and Edit to update Annotation



Update Annotations for it to auto update images.



Annotaions values.

argocd-image-updater.argoproj.io/git-branch = main  
argocd-image-updater.argoproj.io/image-list = mainimage=us-ashburn-1.ocir.io/idapel7w8ikn/gotoro-backend-prod  
argocd-image-updater.argoproj.io/mainimage.allow-tags = regexp:^prod-[0-9]\*$  
argocd-image-updater.argoproj.io/mainimage.force-update = true  
argocd-image-updater.argoproj.io/mainimage.helm.image-name = app.container.image  
argocd-image-updater.argoproj.io/mainimage.helm.image-tag = app.container.tag  
argocd-image-updater.argoproj.io/mainimage.update-strategy = latest  
argocd-image-updater.argoproj.io/write-back-method = git

And **Save.**

**End Guideline.**