**EKS sur AWS**

1. **Install AWS CLI**

[**https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2-windows.html**](https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2-windows.html)

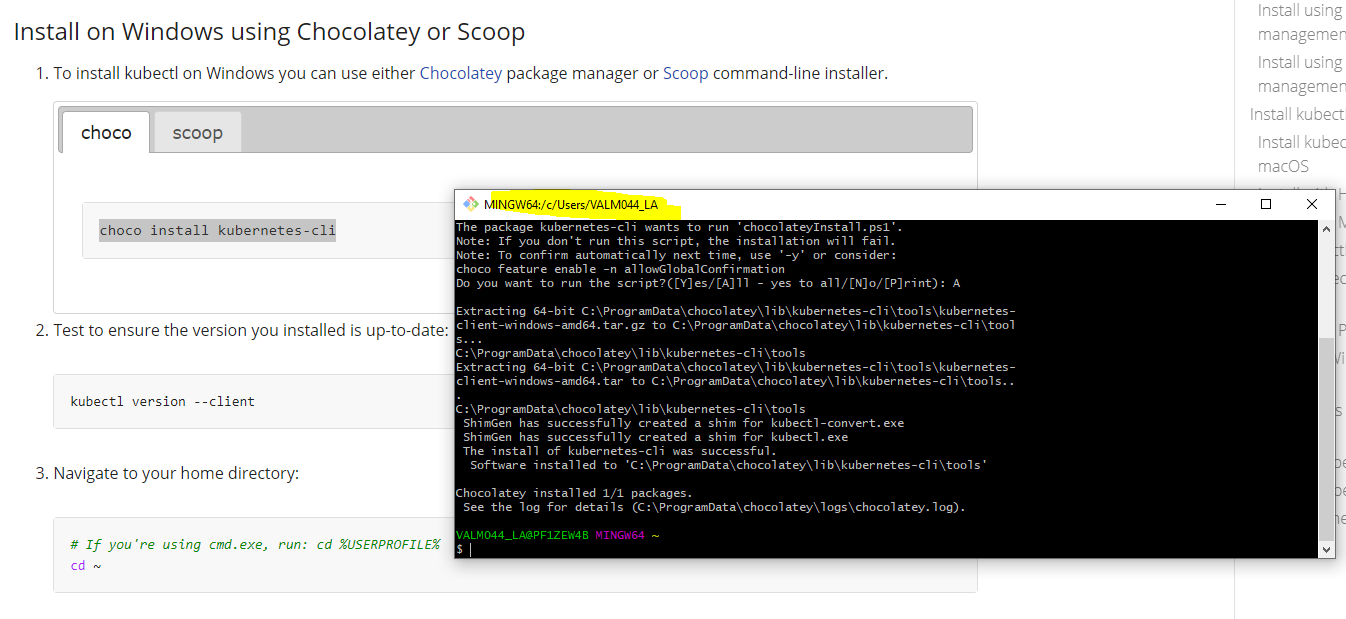
1. **Install EKSCTL**

[**https://docs.aws.amazon.com/eks/latest/userguide/eksctl.html**](https://docs.aws.amazon.com/eks/latest/userguide/eksctl.html)

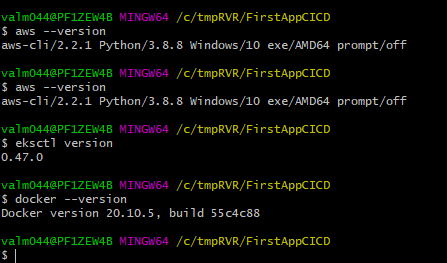
1. **Install kubectl**

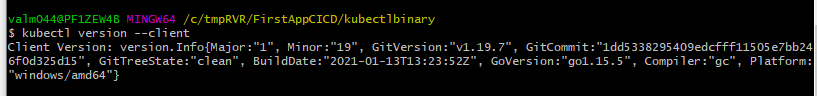
[**https://v1-18.docs.kubernetes.io/docs/tasks/tools/install-kubectl/**](https://v1-18.docs.kubernetes.io/docs/tasks/tools/install-kubectl/)

**Run bash like administrator**



**Verify installations:**





1. **Configure user for connect with aws CLI Access:**

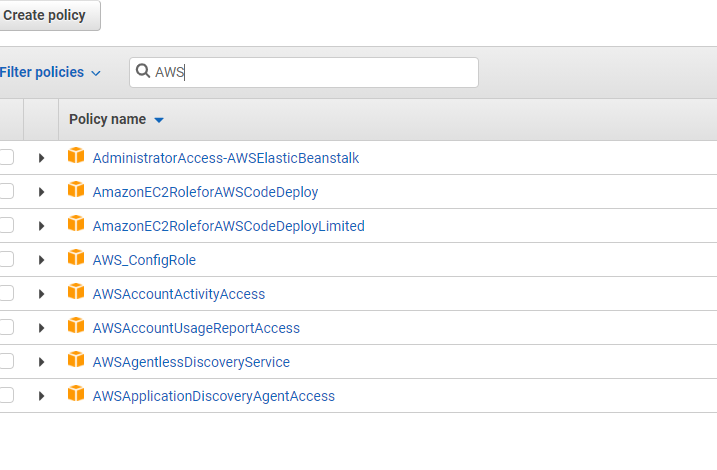
Create User IAM

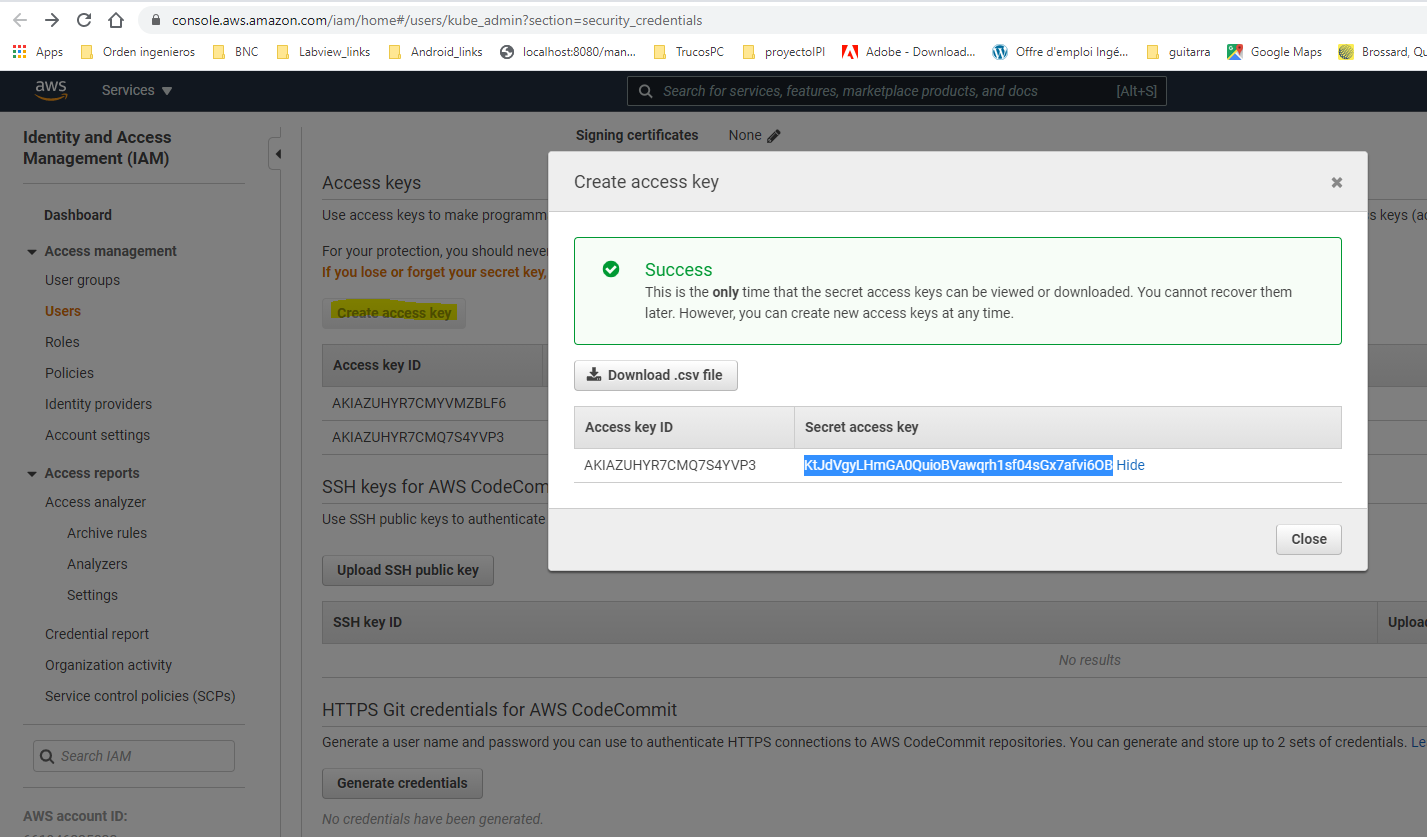
Group Developers

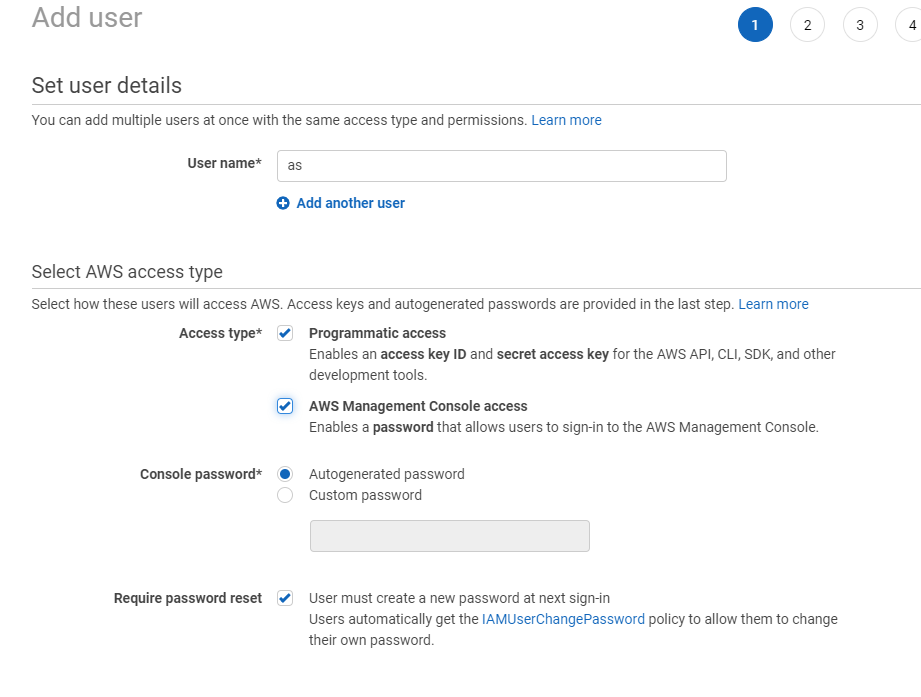
Access: Admin Access

Activate Programatic Access and Console Access Checkboxes when create User

Take User access Key / Secret

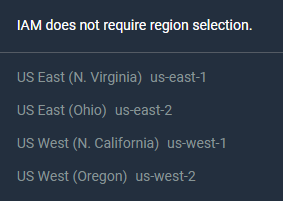


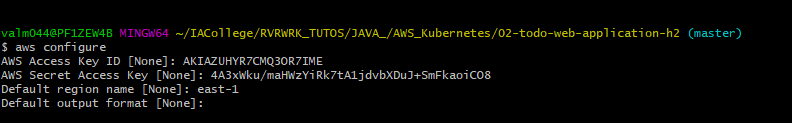




**Access key ID** : AKIAZUHYR7CMQ3OR7IME

**Secret access key**: 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





**Create cluster if doesn’t exists:**

eksctl create cluster --name orionapi-cluster

--nodegroup-name ricardov3-cluster-node-group

--node-type t2.medium

--nodes 3

--nodes-min 3 --nodes-max 7

--managed --asg-access

eksctl create cluster --name ricardov3-cluster --nodegroup-name ricardov3-cluster-node-group --node-type t2.medium --nodes 3 --nodes-min 3 --nodes-max 7 --managed --asg-access

**Deploy application :**

* **Define image to deploy**

kubectl set image deployment hello-world-rest-api hell-world-rest-api=ricadov1976/hello=word-rest-api:0.0.1-SNAPSHOT

**Connect to cluster:**

aws eks --region region update-kubeconfig --name cluster\_name

