**SOP for EKS Cluster Level Access**

This SOP refers to providing Cluster Level Admin Privilege in lower environments only and should be used with Caution. Even if this is for the lower environments explicit written customer approvals are essentials from the approving authority to implement these steps.

For the cluster level access to other users follow 4-simple steps ------

The reference link for this approach is

<https://stackoverflow.com/questions/50791303/kubectl-error-you-must-be-logged-in-to-the-server-unauthorized-when-accessing>

**1. create a group names DevOps\_Admins**

and attach the policy to the group as below

{

“Version”: “2012-10-17",

“Statement”: [

{

“Effect”: “Allow”,

“Action”: [

“eks:\*”

],

“Resource”: “\*”

}

]

}

**2. Add Users** - as per approval process for a specific customer to have Cluster admin access to this group e.g. xyz@<domain>

**3. Add mapuser** with the help of

kubectl edit -n kube-system configmaps aws-auth

mapUsers: |

- userarn: arn:aws:iam::784515518134:user/xyz@<domain

username: xyz@<domain>

groups:

- system:masters

**4. Create a clusterrolebinding** (please not the clusterrole already exists for this type of admin access) for this user with below command

kubectl create clusterrolebinding xyz@<domain>-cluster-admin-binding --clusterrole=cluster-admin --user= xyz@<domain>