

## GIST Cluster Procedure Step-by-step

Cluster	Korea
Step 1	kubectl create ns gist-ofteinplusplus-fedns
Step 2	vi gist-ofteinplusplus-quota.yaml
Step 3	<p>Inside .yaml file</p> <pre> apiVersion: v1 kind: ResourceQuota metadata:   name: compute-resources spec:   hard:     requests.cpu: "1"     requests.memory: 1Gi     limits.cpu: "2"     limits.memory: 2Gi </pre>
Step 4	kubectl create -f ./gist-ofteinplusplus-quota.yaml --namespace=gist-ofteinplusplus-fedns
Step 5	<pre> \$ cat &lt;&lt;EOF   kubectl apply -f - apiVersion: v1 kind: ServiceAccount metadata:   name: gist-ofteinplusplus-sa   namespace: gist-ofteinplusplus-fedns EOF </pre>
Step 6	<pre> \$ cat &lt;&lt;EOF   kubectl apply -f - kind: Role apiVersion: rbac.authorization.k8s.io/v1 metadata:   name: gist-ofteinplusplus-role   namespace: gist-ofteinplusplus-fedns rules: - apiGroups: ["", "extensions", "apps"]   resources: ["*"]   verbs: ["*"] - apiGroups: ["batch"]   resources:   - jobs   - cronjobs   verbs: ["*"] EOF </pre>
Step 7	<pre> \$ cat &lt;&lt;EOF   kubectl apply -f - kind: RoleBinding apiVersion: rbac.authorization.k8s.io/v1 metadata:   name: gist-ofteinplusplus-rolebinding   namespace: gist-ofteinplusplus-fedns subjects: - kind: ServiceAccount </pre>



	<p>token: &lt;your_token_from_previous_step&gt;</p>
Step 14	<p>Please send kube/config file to chula team</p> <p>Format should look like this</p> <pre> apiVersion: v1 clusters: - cluster:   certificate-authority-data: xx   <b>server: https://&lt;your_K8S_ip&gt;:55555</b>   name: &lt;Your_cluster_name&gt; contexts: - context:   cluster: &lt;Your_cluster&gt;   user: admin@&lt;Your_cluster&gt;   name: &lt;Your_cluster&gt; current-context: &lt;Your_cluster&gt; kind: Config preferences: {} users: - name: admin@&lt;Your_cluster&gt;   User:     token: &lt;your_token_from_previous_step&gt; </pre>