

Section 6. „Deploying a Multi-Container Application in Google Kubernetes Engine”

Links:

<https://cloud.google.com/kubernetes-engine/docs/how-to/creating-a-cluster>

<https://github.com/pythonincontainers/k8s-gke>

<https://kubernetes.github.io/ingress-nginx/deploy/>

<https://console.cloud.google.com/>

Commands:

```
$ gcloud config list
```

```
$ gcloud components update
```

```
$ gcloud container clusters create --enable-ip-alias --create-subnetwork name="" my-gke-cluster
```

```
$ gcloud container clusters list
```

```
$ gcloud config set container/cluster my-gke-cluster
```

```
$ kubectl config current-context
```

```
$ git clone https://github.com/pythonincontainers/k8s-gke
```

```
$ cd k8s-gke
```

```
$ atom .
```

```
$ kubectl apply -f  
https://raw.githubusercontent.com/kubernetes/ingress-nginx/master/deploy/static/mandatory.yaml
```

```
$ kubectl apply -f  
https://raw.githubusercontent.com/kubernetes/ingress-nginx/master/deploy/static/provider/cloud-generic.yaml
```

```
$ kubectl apply -R -f django-polls-all-in
```

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```
$ kubectl delete -R -f django-polls-all-in
```

```
$ kubectl apply -R -f django-polls-external-postgres
```

```
$ gcloud container clusters delete my-gke-cluster
```