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Cheat Sheet: Kubernetes Deployment

K8S YAMLS

- In cloud shell, run the following command to download a zip file
`wget https://storage.googleapis.com/deloitte-training/k8s-yamls.zip`
- Type the following to unzip: `unzip k8s-yamls.zip`
- Change into the **k8s-yamls** folder
 - You should see four yaml files
 - Investigate the four yaml files and answer the questions on the next page

K8S YAMLS

- What is the name of the external service load balancer?
- What port number does the external service operate on?
- What is the name of the internal service cluster IP?
- What port number does the internal service operate on

K8S YAMLS

- You will need to edit and change the gcr.io URLs in both deployment yaml files to match your images in gcr
 - Verify the entire URL is correct - **including the version**
- Apply all 4 yamls with: **kubectl apply -f <yaml file>**
 - Run the command 4 times, one for each file
- Get Service external IP with: **kubectl get svc**
- Test your services by loading the external IP of the load balancer service in a browser
 - You no longer use the cloud shell Preview button