**GCloud Commands**

Google Cloud resources can be managed in multiple ways. It can be done using Cloud Console, SDK or by using Cloud Shell.  
A few basic Google Cloud shell commands are listed below.  
  
**1)    List the active account name**  
gcloud auth list  
**2)    List the project ID**  
gcloud config list project  
**3)    Create a new instance using Gcloud shell**  
gcloud compute instances create [INSTANCE\_NAME] --machine-type n1-standard-2 --zone [ZONE\_NAME] **4)    SSH in to the machine**  
gcloud compute ssh [INSTANCE\_NAME] --zone [YOUR\_ZONE]  
**5)    RDP a windows server**  
gcloud compute instances get-serial-port-output [INSTANCE\_NAME] --zone [ZONE\_NAME]  
**6)    Command to check whether the server is ready for an RDP connection**  
gcloud compute instances get-serial-port-output  
**7)    Create a Storage bucket**  
gsutil mb gs://[BUCKET\_NAME]  
**8)    Copy a file in to the bucket**  
gsutil cp [FILE\_NAME] gs://[BUCKET\_NAME]  
**9)    Setting up default compute zone**  
gcloud config set compute/zone [ZONE\_NAME]  
**10)    Set the default region:**  
gcloud config set compute/region [REGION\_NAME]  
**11)    List the compute engine instances created:**  
gcloud compute instances list  
**12)    Create Kubernetes Cluster**  
gcloud container clusters create [CLUSTER-NAME]  
**13)    Get authentication credentials for the cluster**  
gcloud container clusters get-credentials [CLUSTER-NAME]

**14)    Expose the Kubernetes resource to the internet**  
kubectl expose deployment hello-server --type="LoadBalancer"

**15)    Inspect the service running in Kubernetes**  
kubectl get service [SERVICE\_NAME]  
**16)    Stop an Compute Instance.**  
gcloud compute instances stop [INSTANCE-NAME]