DNSSEC

From Google Cloud Console

1. Go to Cloud DNS by visiting <https://console.cloud.google.com/netservices/dns/zones>.
2. For each zone of Type Public, ensure that DNSSEC is set to On.

From Google Cloud CLI

1. List all the Managed Zones in a project:

gcloud dns managed-zones list

2. For each zone of VISIBILITY public, get its metadata:

gcloud dns managed-zones describe ZONE\_NAME

1. Ensure that dnssecConfig.state property is on.

From Google Cloud CLI Use the below command to enable DNSSEC for Cloud DNS Zone Name.

gcloud dns managed-zones update ZONE\_NAME --dnssec-state on

Lab2:

1. gcloud dns managed-zones update ZONE\_NAME --dnssec-state off

2. To update key-signing for a reported managed DNS Zone, run the following

command:

gcloud dns managed-zones update ZONE\_NAME --dnssec-state on --ksk-algorithm

KSK\_ALGORITHM --ksk-key-length KSK\_KEY\_LENGTH --zsk-algorithm ZSK\_ALGORITHM -

-zsk-key-length ZSK\_KEY\_LENGTH --denial-of-existence DENIAL\_OF\_EXISTENCE