**GitHub Link:**

Create a PKI – Infrastructure (Signing- CA, Root-CA, and TLS certificate)

1. Creating a “crl” and “cert” directory to host certificate and crls

A close up of a screen

Description automatically generated

A screenshot of a cell phone screen with text

Description automatically generated

1. Creating folder for databases and key for the “root-ca”

A close up of a keyboard

Description automatically generated

A screenshot of a cell phone screen with text

Description automatically generated

1. Creating a root- CA request and the private key

(The PEM pass phrase is the “.key” file generated)

A screenshot of a cell phone

Description automatically generated

1. Certificate for self is created and updated in Db by the CA.

A screenshot of text

Description automatically generated

A screen shot of a social media post

Description automatically generated

1. Creating a signing CA

A picture containing object

Description automatically generated

Screen of a cell phone

Description automatically generated

1. Creating a database

A close up of a sign

Description automatically generated

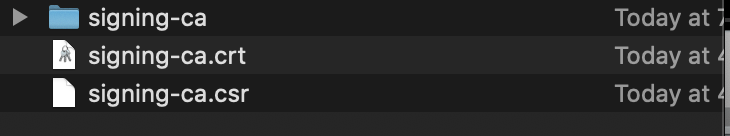
A screenshot of a cell phone

Description automatically generated

1. Create a signing CA request

A screenshot of a cell phone

Description automatically generated



1. Using Root CA private key to get signing-ca certificate from root-ca

A screenshot of a cell phone screen with text

Description automatically generated

A screenshot of a cell phone

Description automatically generated

1. To create a TLS- server request

A screenshot of text

Description automatically generated

1. To create TLS- server certificate

A screenshot of a cell phone

Description automatically generated

