

Dear User,

Today, digital signatures are widely used to verify the sender's identity, ensure data integrity, and prevent denial of message transmission.

The private key (private-key.pem) is generated using **RSA 2048-bit**, an asymmetric encryption method that contains a secret key for digital signing or data decryption.

Please make sure you have the private-key.pem file.

Also, ensure that OpenSSH is installed on your system. To generate the keys, run the generatekeys.bat file, then start the application.

If you want to customize the certificate (cert.pem), you can edit generatekeys.bat. For use in Adobe Acrobat Trust, change the certificate format from cert.pem to cert.crt and import it into Acrobat Reader by navigating to:

Menu > Preferences > Signatures > Identities & Trusted Certificates > Trust Certificates

After importing, you will see the CA name (e.g., "alizamanian") generated by generatekeys.bat. Click on the certificate, set trust options to "Always Trust," check all boxes, then click Import and OK. This process makes the signature generated by your local certificate a trusted user signature.

Developed by Ali Zamanian

LinkedIn: <https://www.linkedin.com/in/ali-zamanian-ba2798247/>

Phone: +98 991 740 3979