Create ssl certificate for application running on linux vm. Export and assign to application gateway to make the site secure and over port 443 (https)

Certainly! Here's a summary of the troubleshooting steps with the relevant commands:

1. **Verify the Private Key and Certificate Match**:
   * Check if the private key matches the certificate by comparing their public key components:
   * openssl ec -in privkey.pem -pubout -outform PEM | openssl md5
   * openssl x509 -in cert.pem -pubkey -noout -outform PEM | openssl md5
   * The output of both commands should be the same.
2. **Combine the Certificate and Chain**:
   * Combine your certificate (cert.pem) and the certificate chain (fullchain.pem) into a single file:
   * cat cert.pem fullchain.pem > combined.pem
3. **Generate the PFX File**:
   * Use the following command to create the PFX file:
   * openssl pkcs12 -export -out cert.pfx -inkey privkey.pem -in combined.pem
4. **Check File Permissions**:
   * Ensure you have the necessary permissions to read the files:
   * sudo chmod 644 privkey.pem
5. **Reissue the Certificate (if necessary)**:
   * If the private key and certificate do not match, you may need to reissue the certificate using the correct private key.

By following these steps, you should be able to resolve the mismatch issue and successfully create the PFX file. If you need further assistance, feel free to ask!