CYB 300 5-1 Lab Worksheet: Implementing a Public Key Infrastructure Lab Worksheet

Andree Salvo
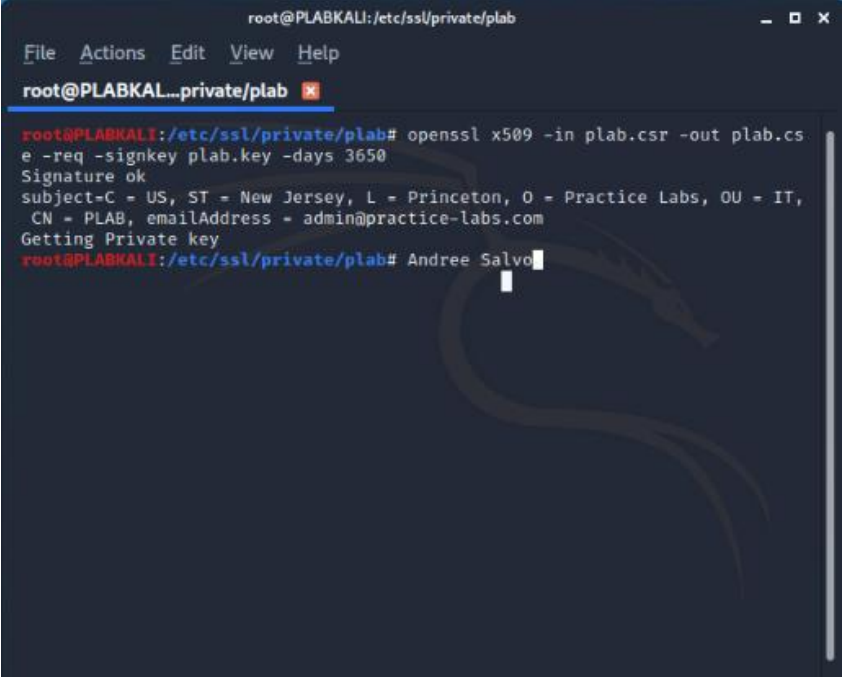
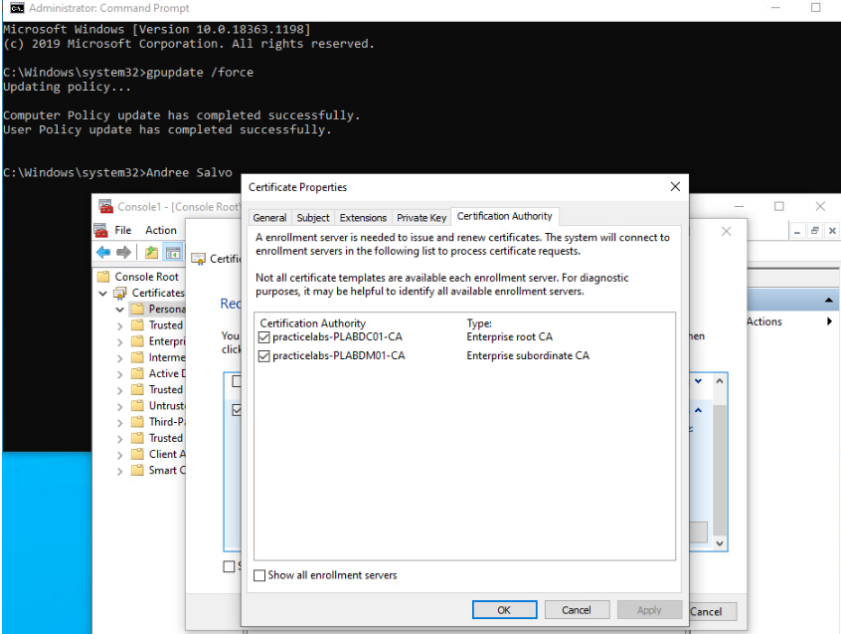**Southern New Hampshire University**

CYB 300-14668

Instructor: Jason Keltner

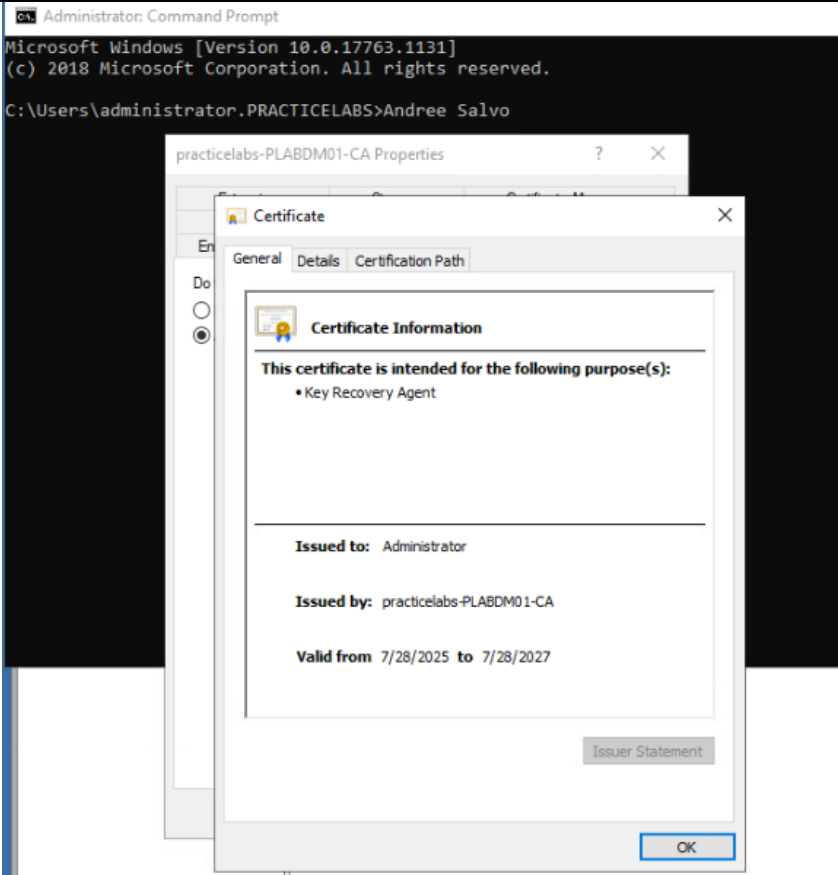**Lab: Implementing a Public Key Infrastructure**
Exercise 2: Create a Self-Signed Certificate

Prompt	Response
Task 1: Take a screenshot of **Step 37** showing the successful creation of the certificate file. Add your name in the command line.	

Exercise 4: Configure Certificate Revocation Lists (CRLs)

Prompt	Response
Task 1: Take a screenshot of **Step 12** showing the presence of both the root CA and the subordinate CAs. Add your name in the command line.	
What would be the purpose of creating a subordinate certificate authority?	The purpose of creating a subordinate certificate authority is to issue certificates while keeping the root CA secure and offline.

Exercise 7: Implement Key Archival

Prompt	Response
Task 4: Take a screenshot of **Step 4** showing the recovery key certificate issued to the administrator. Add your name in the command line.	
What is the importance of issuing a recovery key certificate to a restricted number of individuals?	Providing a recovery key certificate to a select few helps protect sensitive information by ensuring only highly trusted individuals have access to it, and also minimizing the risk of unauthorized exposure.