Browser
Signing **Solution**

Capricorn
Identity Services Pvt. Ltd.

DSC Registration with
Browser Signing Solution (LINUX)

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This guide provides a comprehensive walkthrough of the installation process and registration of your Digital Signature Certificate (DSC) using the Browser Signing Solution on an Ubuntu 24 LTS system.
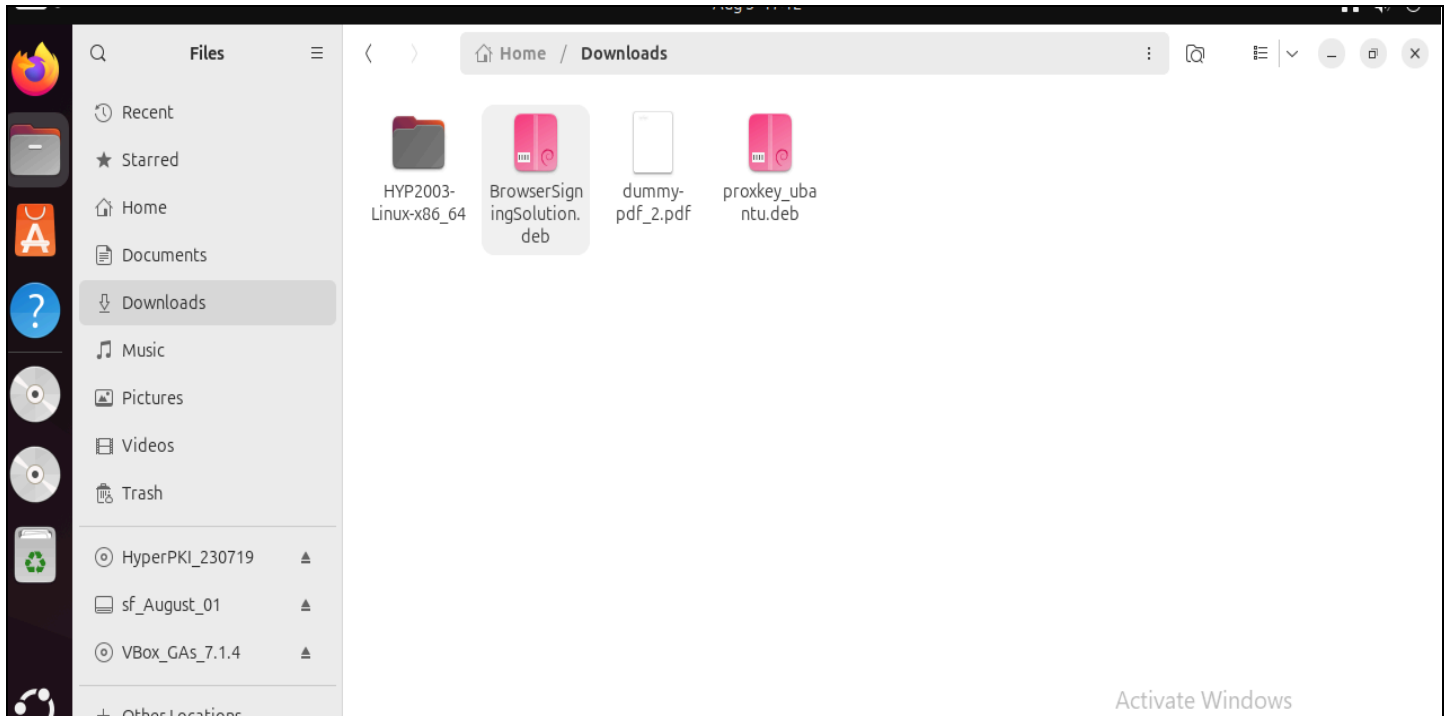
Prerequisites

1- Operating System: Ubuntu 24 LTS

Installation Process

Step 1: Download the Browser Signing Solution package from the official source.

https://www.pki.network/download/?app=pki-signing-solution-linux

Step 2: After downloading the Browser Signing Solution, navigate to the download folder, open the terminal from that location, and run the command below to install the solution. Alternatively, you may save the file to any location, but ensure the command is executed from the same directory.

Command - sudo apt install ./BrowserSingingSolution.deb

Step 3: After installation of the package, the application creates the icon named 'Browser Signing Solution'; you may click on the icon to start its services
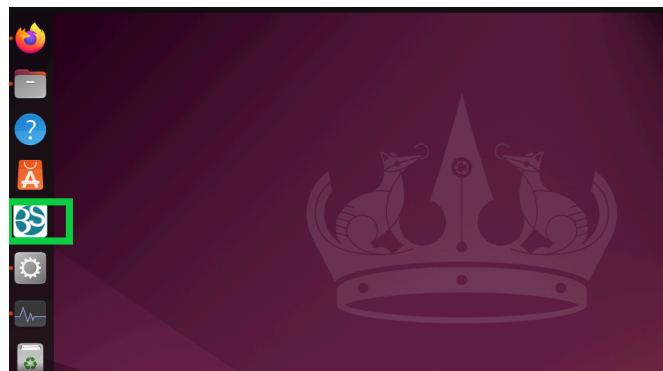
Registration Process

Step 4: Once the application starts running, the 'Browser Signing Solution' icon will be reflected in the top-right corner of your screen. Right-click on that icon and click on **'Registration'**.
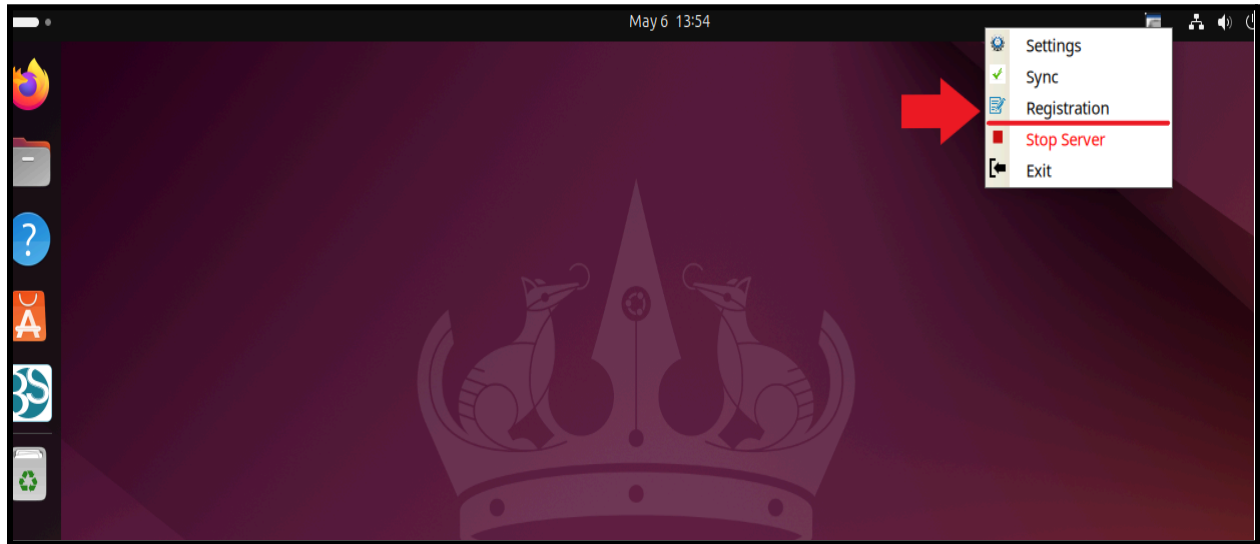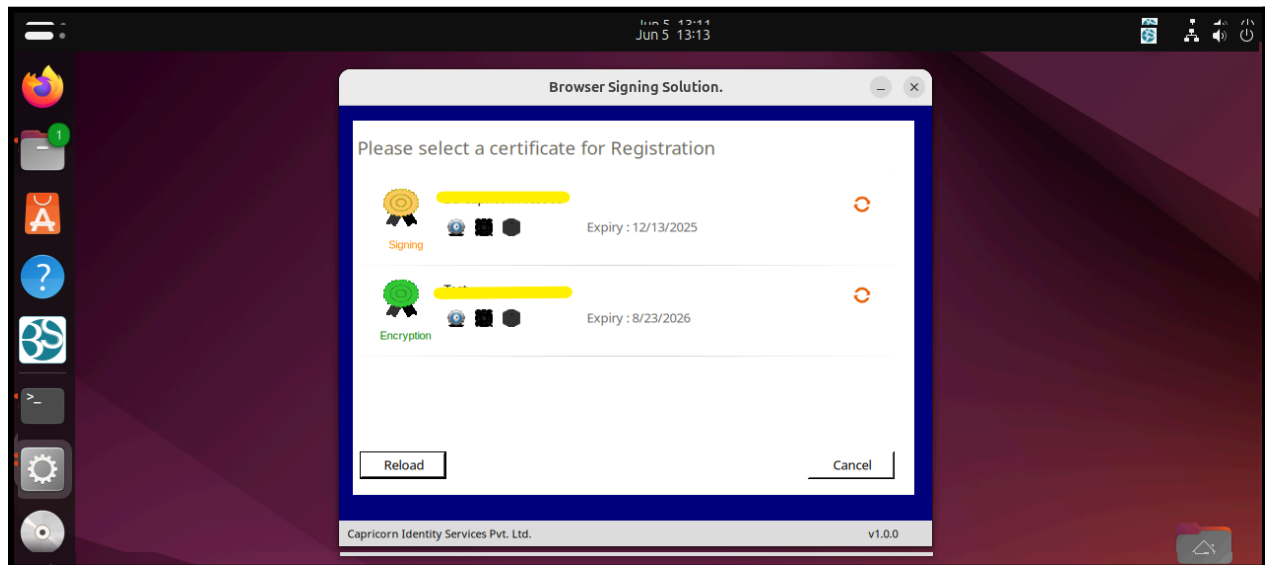

Step 5: The application gives a prompt to enter the token PIN. Enter the token password to get the certificate.

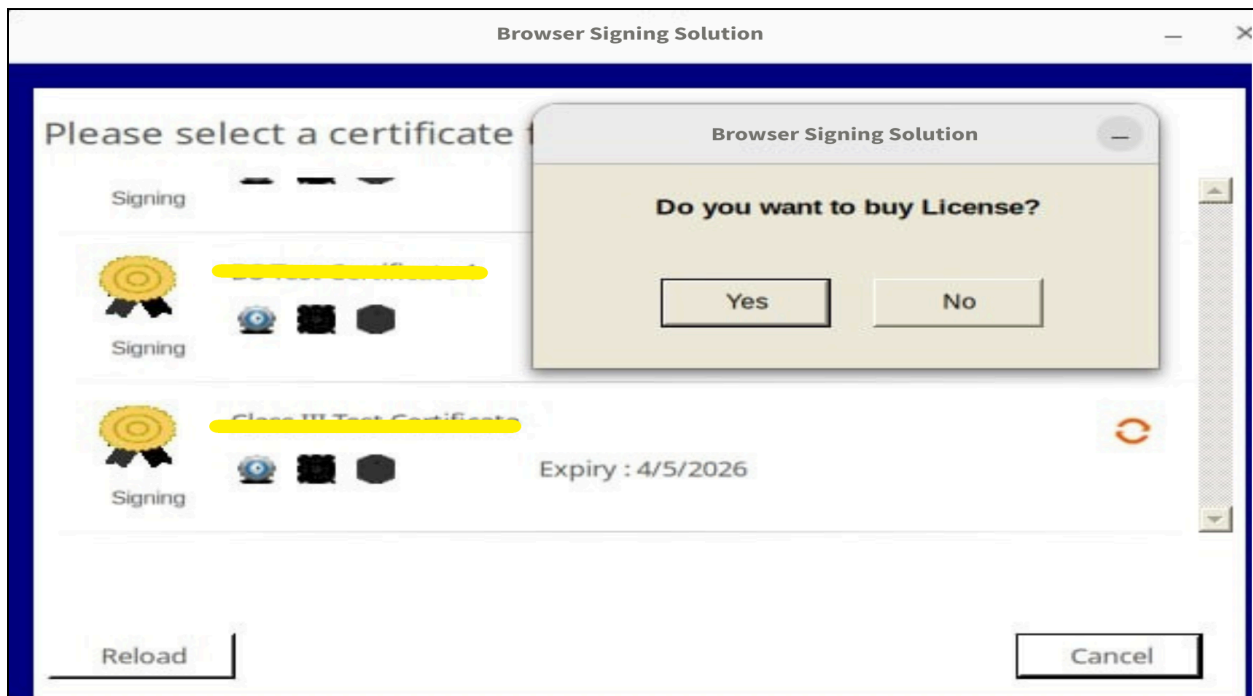*Note: Make sure your token drivers are installed properly, and the root certificate is also imported into the token.*
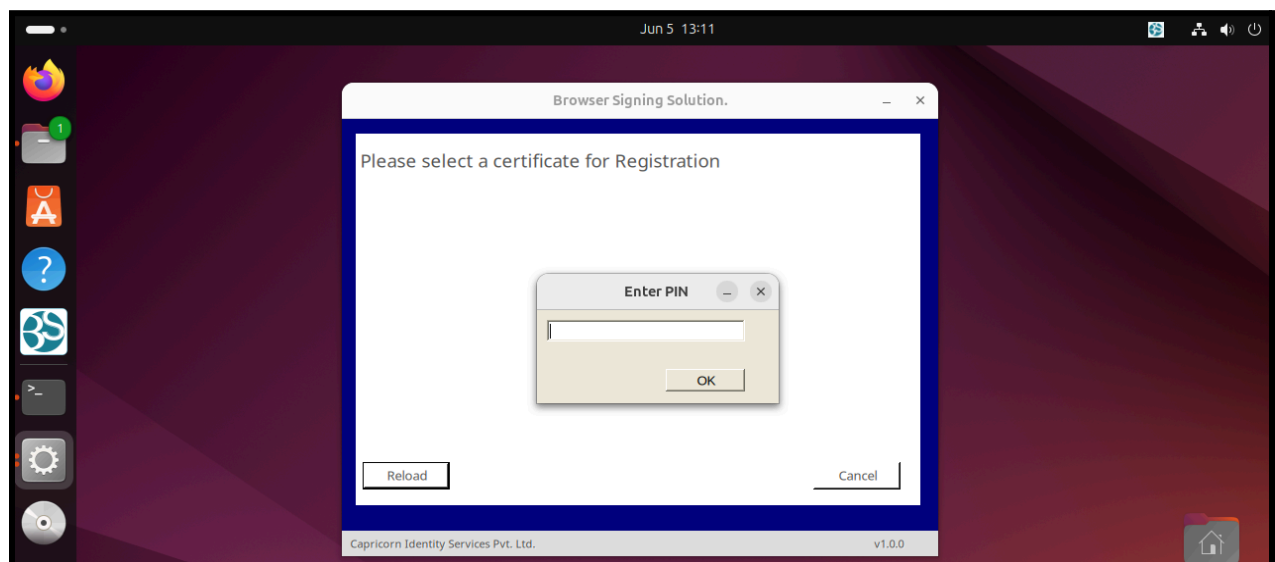
Step 6: After entering the token pin, the application shows the list of available certificates in the token.

Step 7: To register the certificate, now click on sync. It gives a prompt that **'Do you want to buy a license key?'** Click on **'Yes'** to register the DSC.

**Step 8:** Another window will open to enter the license key. Once you enter the license key, click on **'Submit'**.

Step 9: After submitting the license key, you will receive a prompt as *the 'License is downloaded'* and the key is valid.

Step 10: Click on the **'Reload'** tab to save your License. A green mark denoting 'Successfully saved licenses' will appear as shown below. Your DSC is now successfully registered. You can now use the Browser Signing Solution for your digital signing needs.
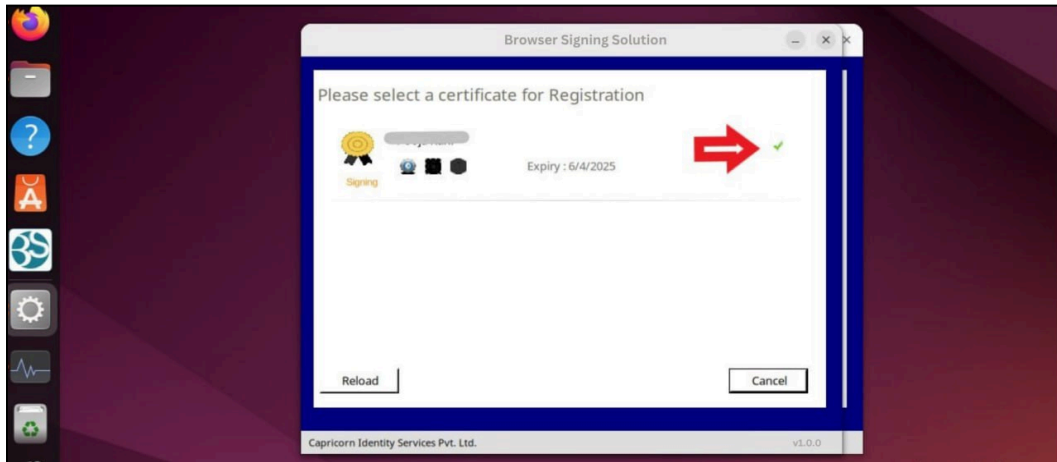
Below are some terminal commands you can use to access and manage the application

1. How to Start or Execute Browser Signing Solution Service (from the terminal)

Use the following command to launch the service:
mono /usr/bin/BrowserSigningSolution/BrowserSigningSolution.exe

2. How to Stop Browser Signing Solution Service (from the terminal)

If the application is running in the foreground (active terminal session), stop it using:
CTRL + C

3. Uninstallation

To uninstall the PKI Signing application:
sudo apt purge browsersigningsolution

4. How to Verify if Its Services Are Running

Use this command:
ps -awx | grep -i pki

5. How to Check Which Ports Are Listening

To see all active listening ports and services:
lsof -i -P -n | grep LISTEN