# Tizen Studio Web Inspector to Install & Debug Tizen 6.5 TEP Hotel TV App

The Tizen Studio provides the Web Inspector as a debugging tool. This topic describes how to use the Web Inspector to test applications running on a Target Device.

1.) Tizen Studio Setup

- The Google Chrome™ Web browser is required to use the Web Inspector. Before using the Web Inspector, you must first configure the Tizen Studio settings:

- In the Tizen Studio menu, select "Window > Preferences > Tizen Studio > Web > Chrome".
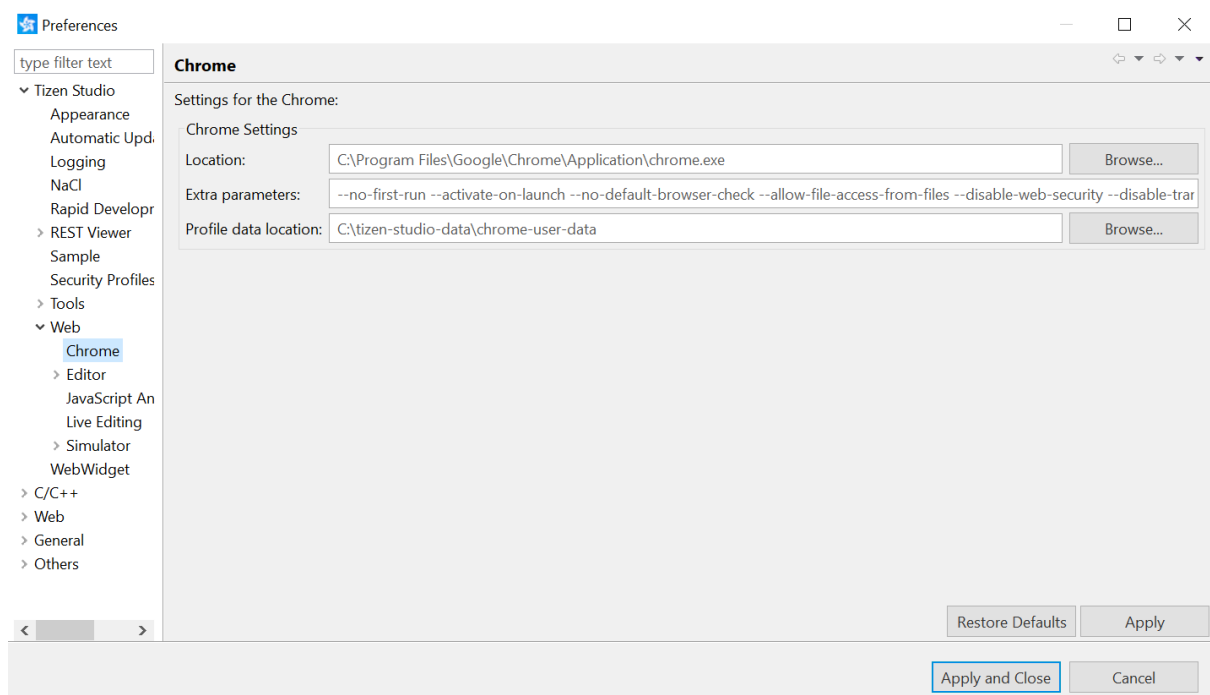

- In the "Location" field, enter the path to your Google Chrome™ browser installation. The Tizen Studio automatically detects your installation, but if you have installed the browser in a custom location, you must set the location manually.
- In the "Extra parameters" field, enter the following parameters:
- --no-first-run --activate-on-launch --no-default-browser-check --allow-file-access-from-files --disable-web-security --disable-translate --proxy-auto-detect --proxy-bypass-list=127.0.0.1 --enable-blink-features=ShadowDOMV0 --enable-blink-features=CustomElementsV0
- The extra parameters are needed for the application to work properly.
- In the "Profile data location", enter the path as below:
  "C:\tizen-studio-data\chrome-user-data"
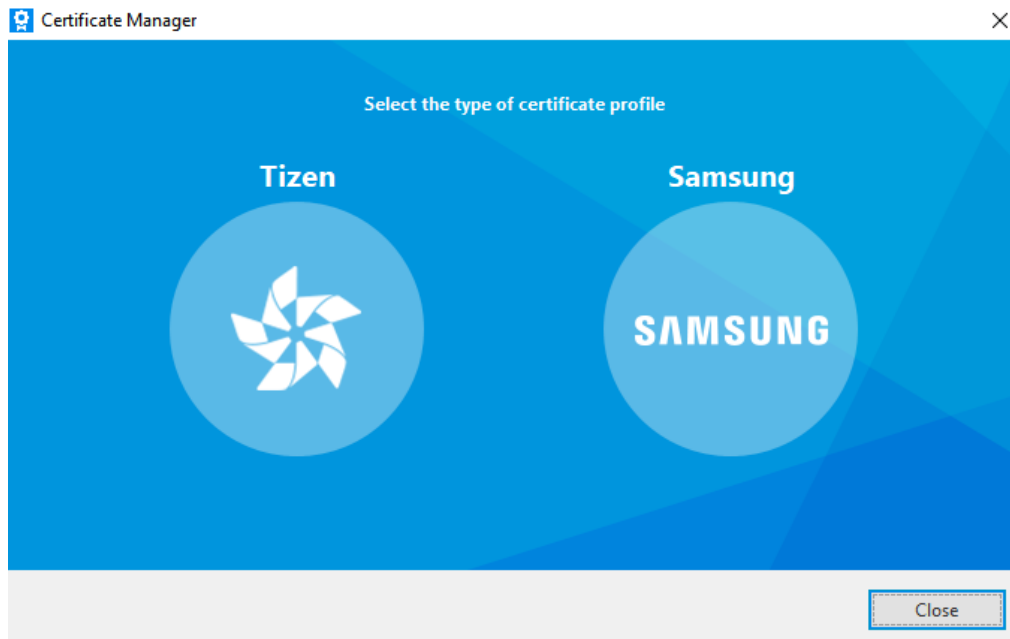
2.) Samsung Certificate in Tizen Studio

- In Tizen Studio, click "Tools > Package Manager".
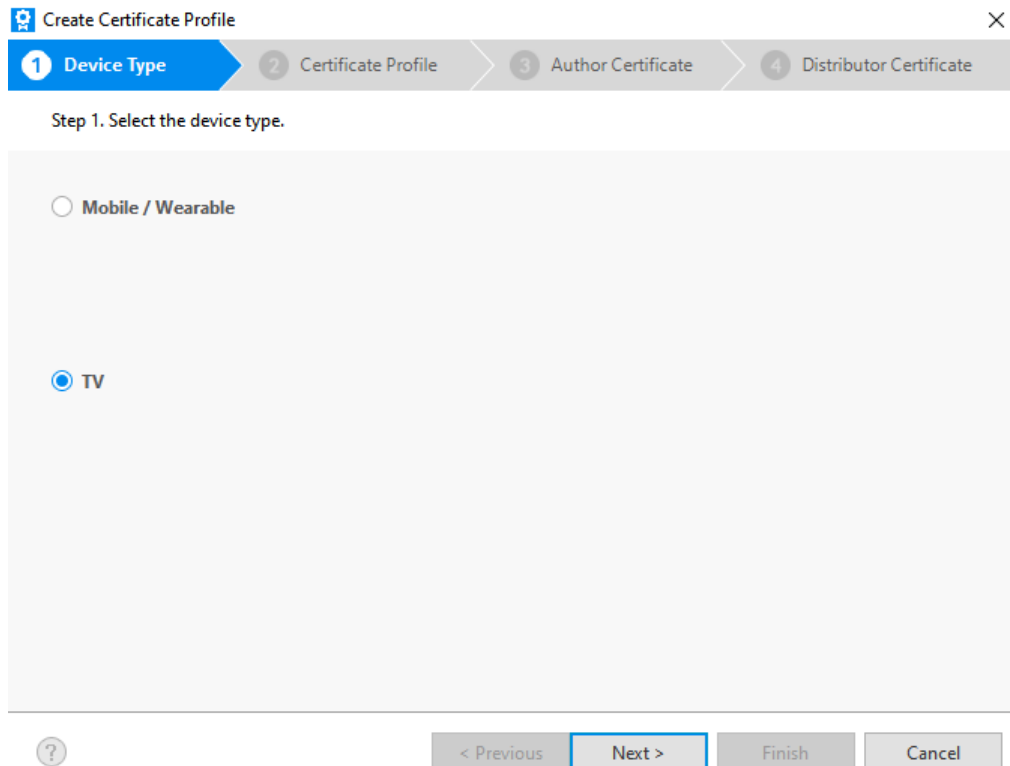- Install "Samsung Certificate Extension".
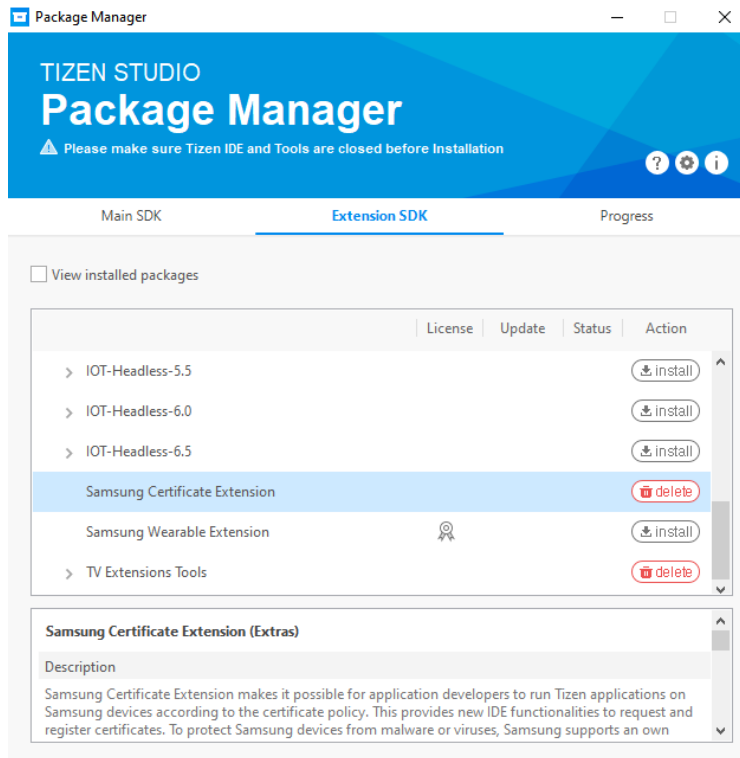
- In Tizen Studio, click "Tools > Certificate Manager"
- Click "+" button.
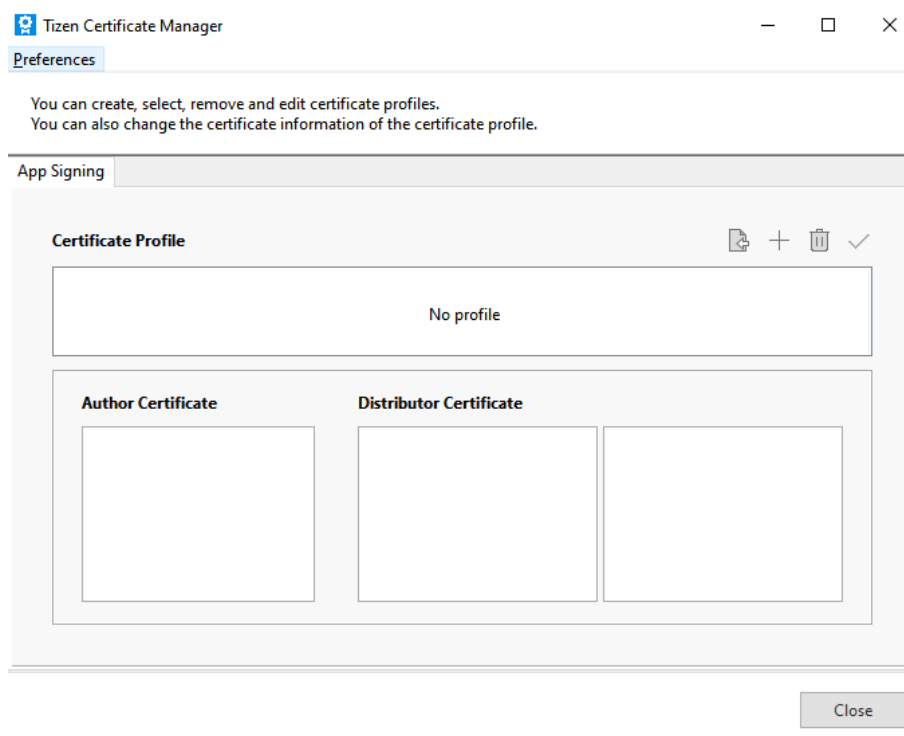
- Select "Samsung" certificate

- Select "TV" device type

- Enter a name for the certificate profile

- Add an author certificate
- You can create a new author certificate or import an existing one

- Add an author certificate

- Login with Samsung account

- Keep your certificates backup in a safe location. When you update your published applications, the update must be signed with the same author certificate as the original application.
- If the applications are signed with different author certificates, the update can be recognized as a different application and not an update.

- Add a distributor certificate
- Select "Create a new distributor certificate"

- For Tizen API please select "Partner" privilege
- Add the device ID (DUID) for the target device
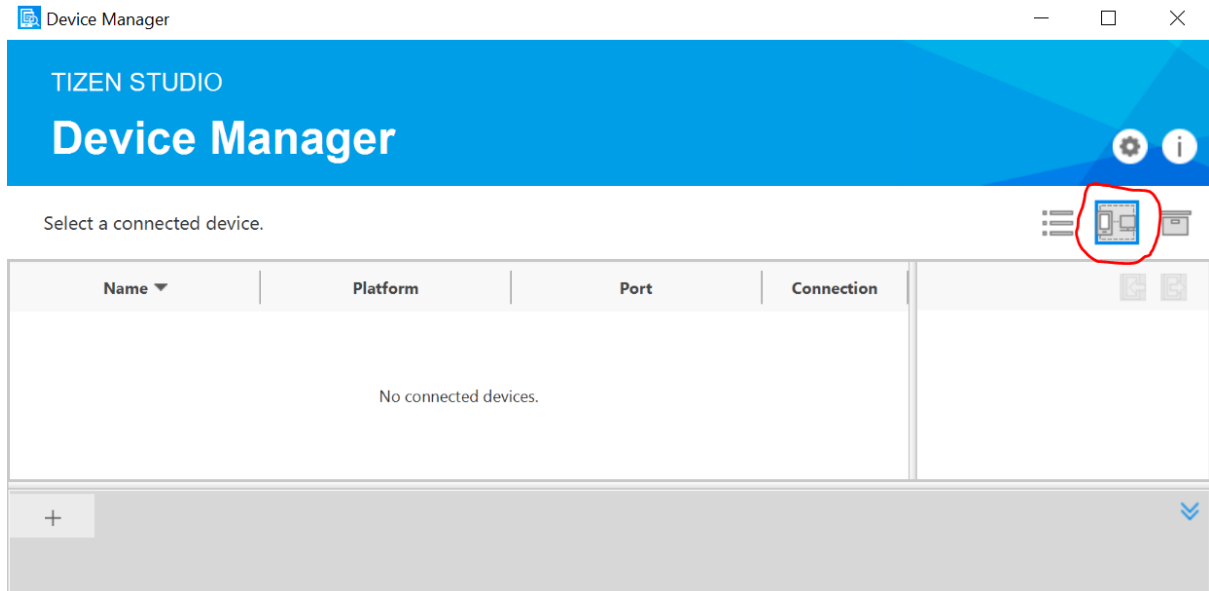

- Check the Target Device DUID as below
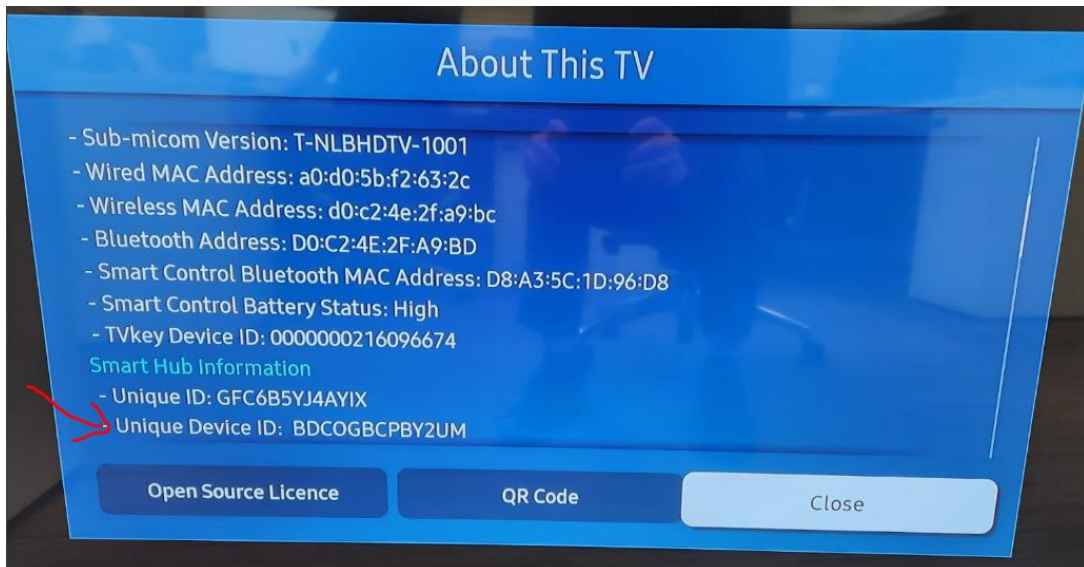
- Must include DUID, else the application cannot be installed to Samsung devices
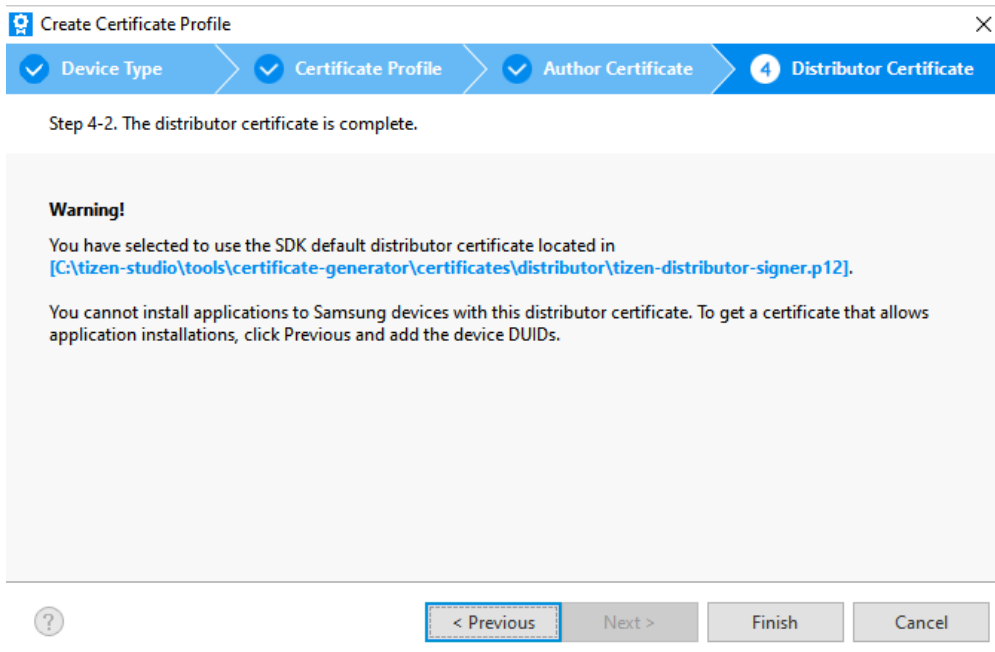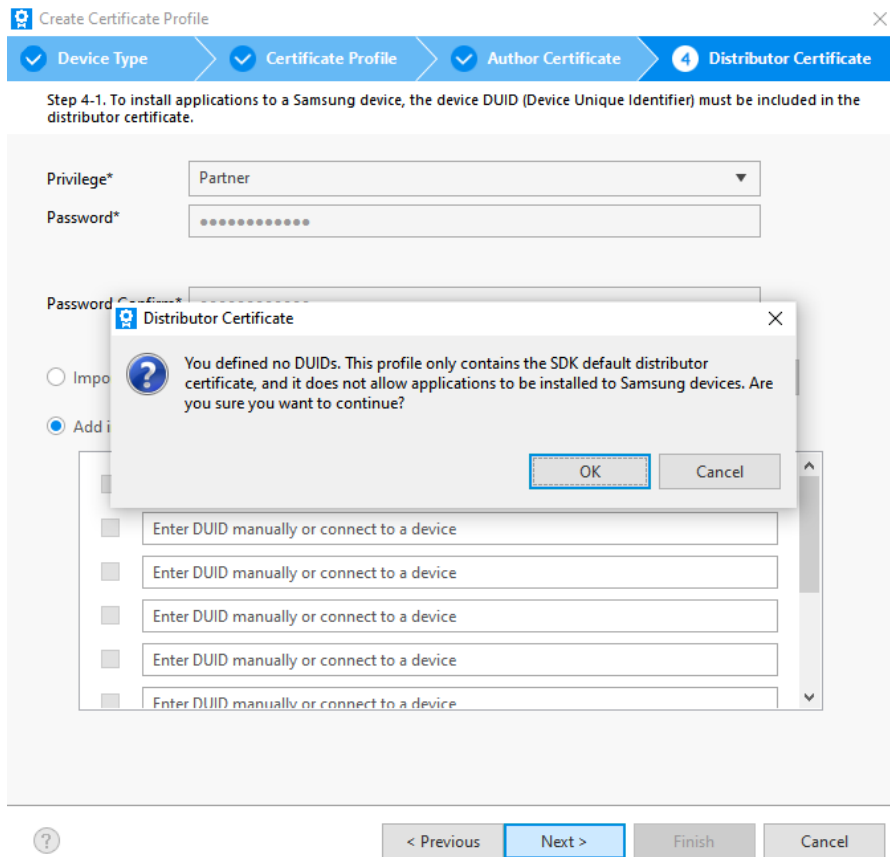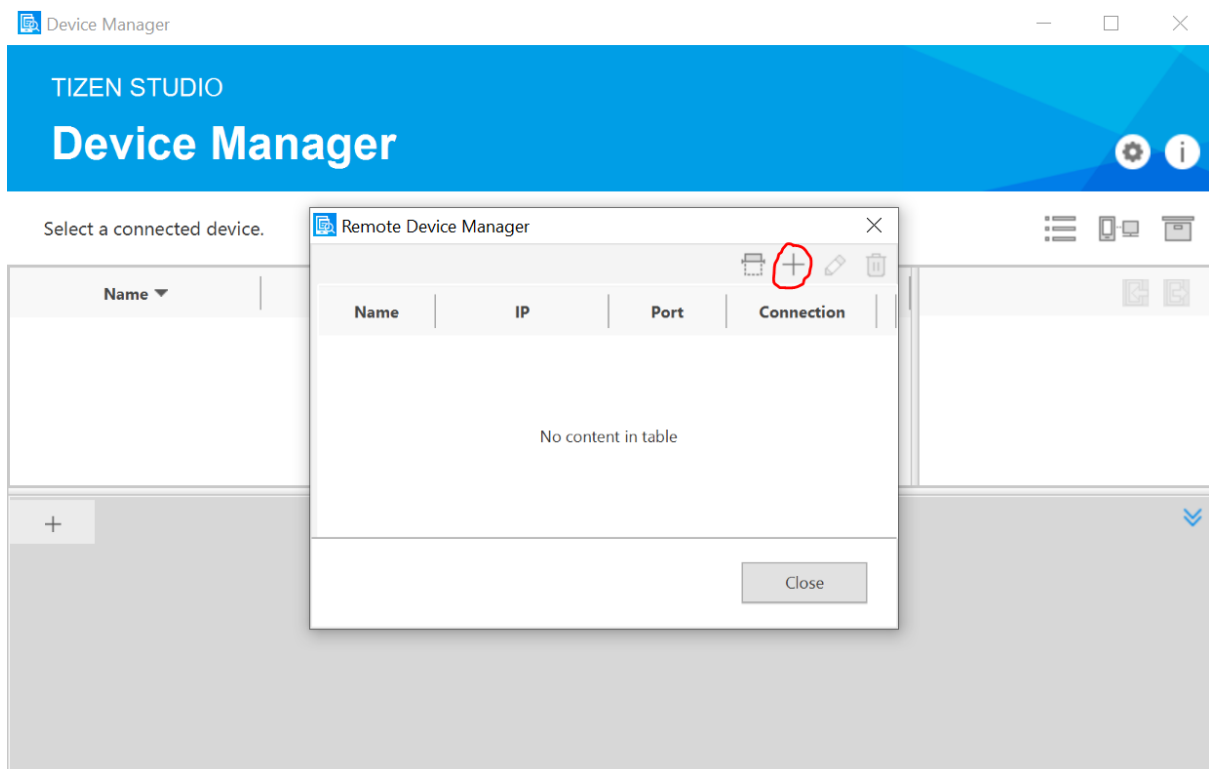
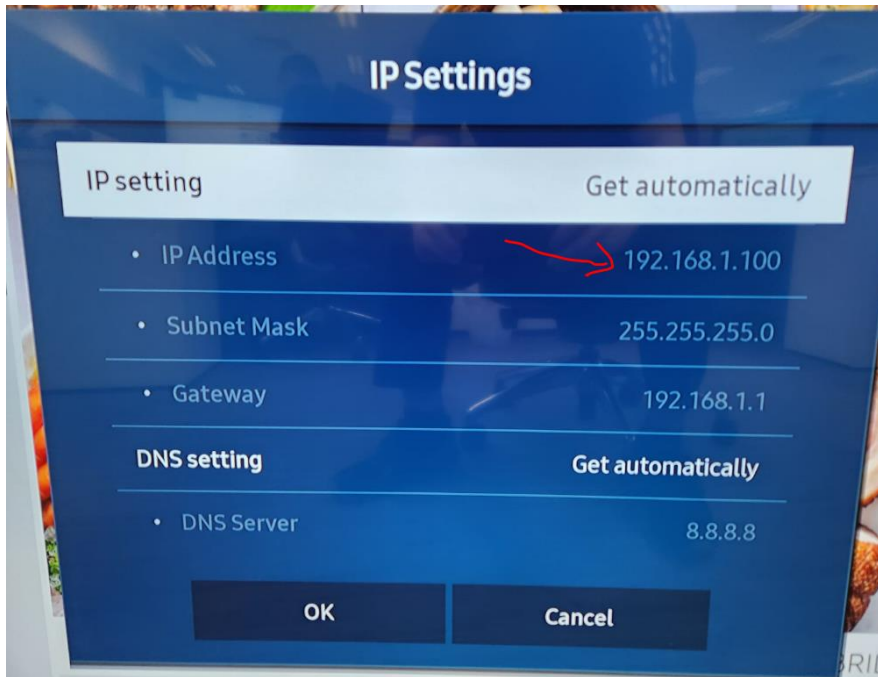**3.) Connect the Target Device to Tizen Studio Device Manager**

- In Tizen Studio, click "Tools > Device Manager"
- In "Device Manager", click the red circled button
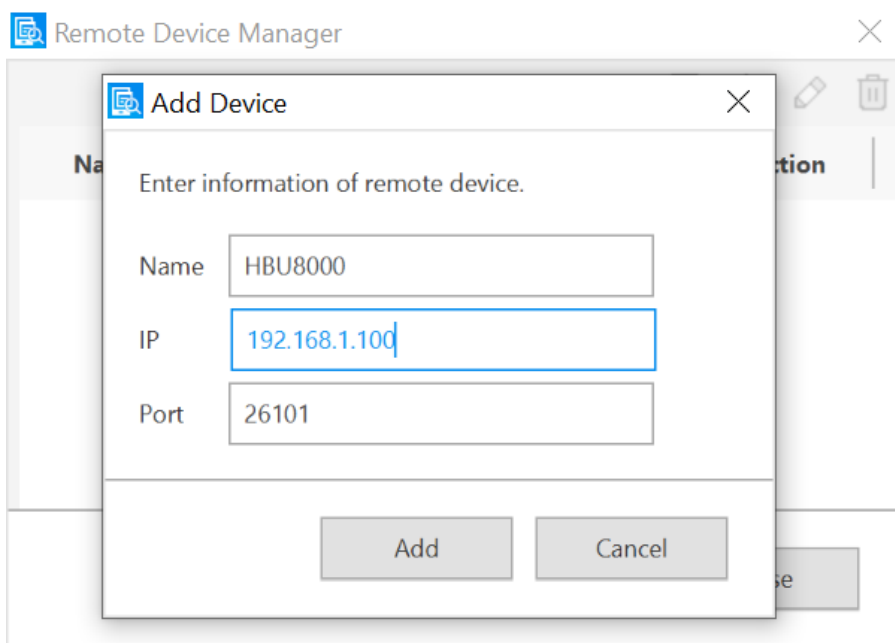

- Click "+"

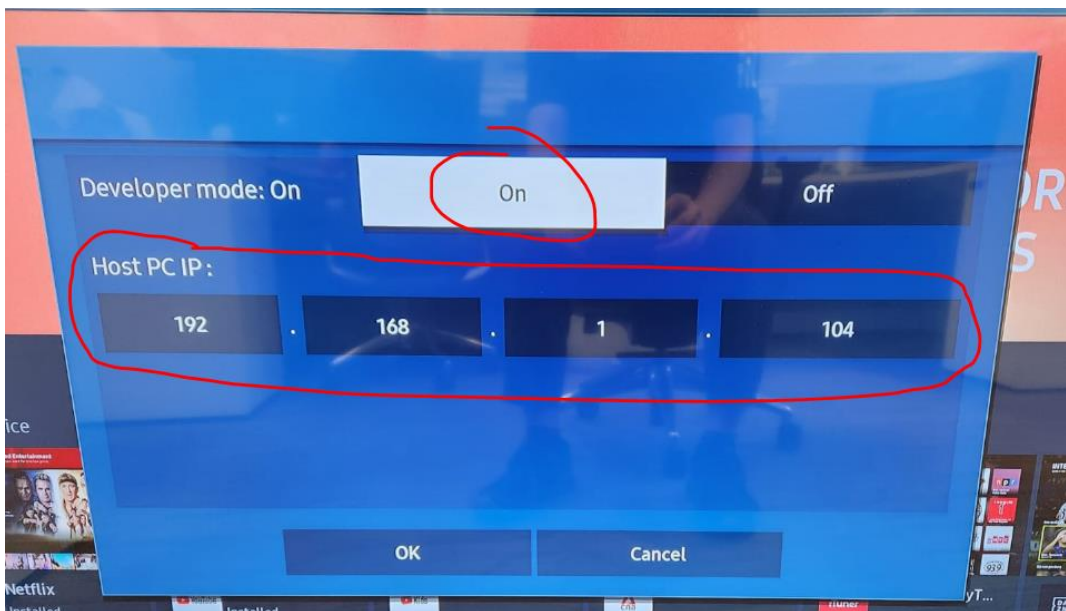- Check the TV IP Address

- Input the TV Name
- Input the TV IP Address
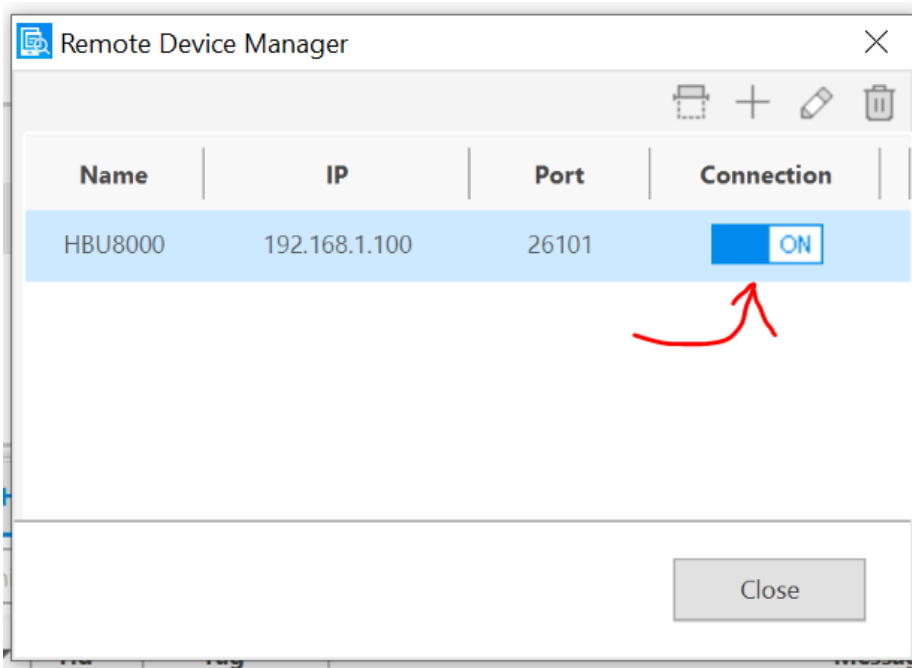- Input the Port Number

- Click TV "App" icon

- Using Remote, Press "1 2 3 4 5"
- Switch On "Developer Mode"
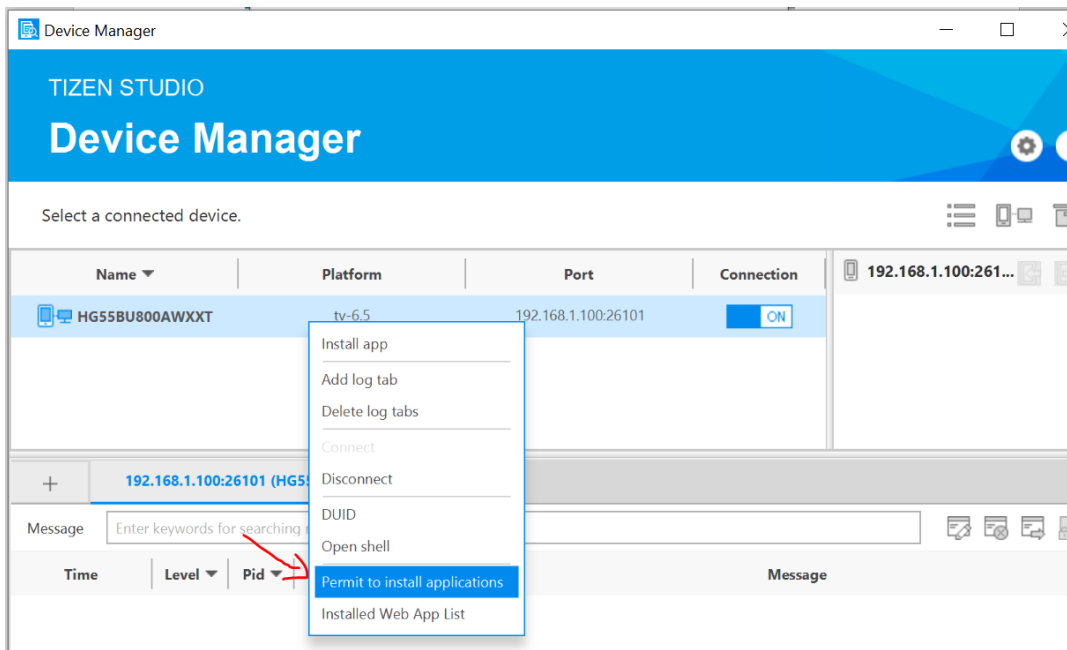- Key in Tizen Studio Host PC IP address

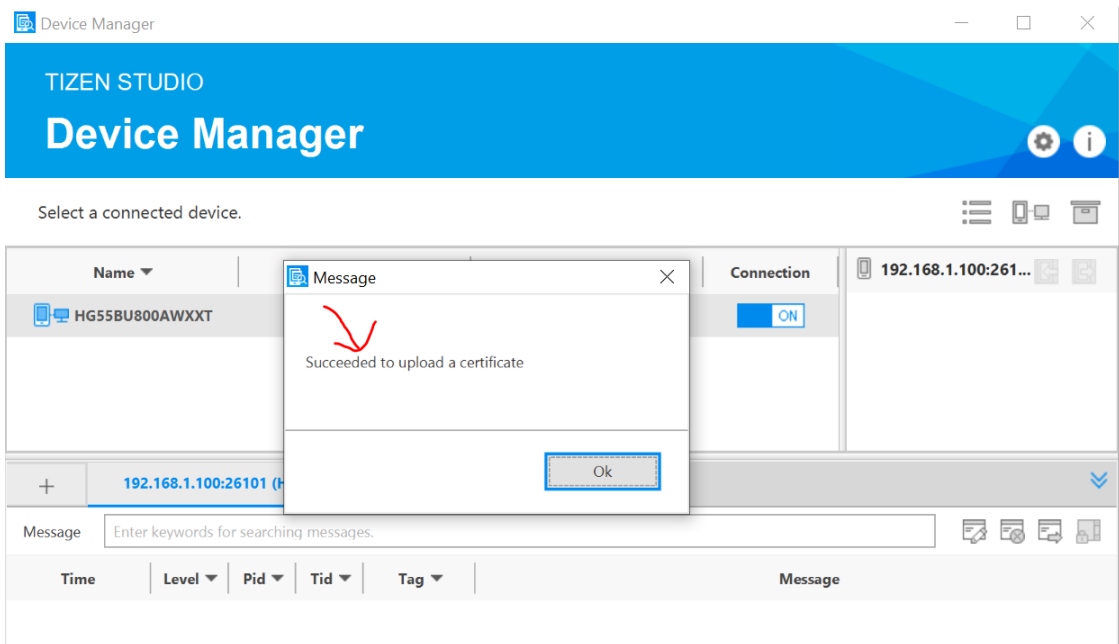- TV "Developer Mode" is switched on

- Go to Tizen Studio Device Manager, turn on the "Connection

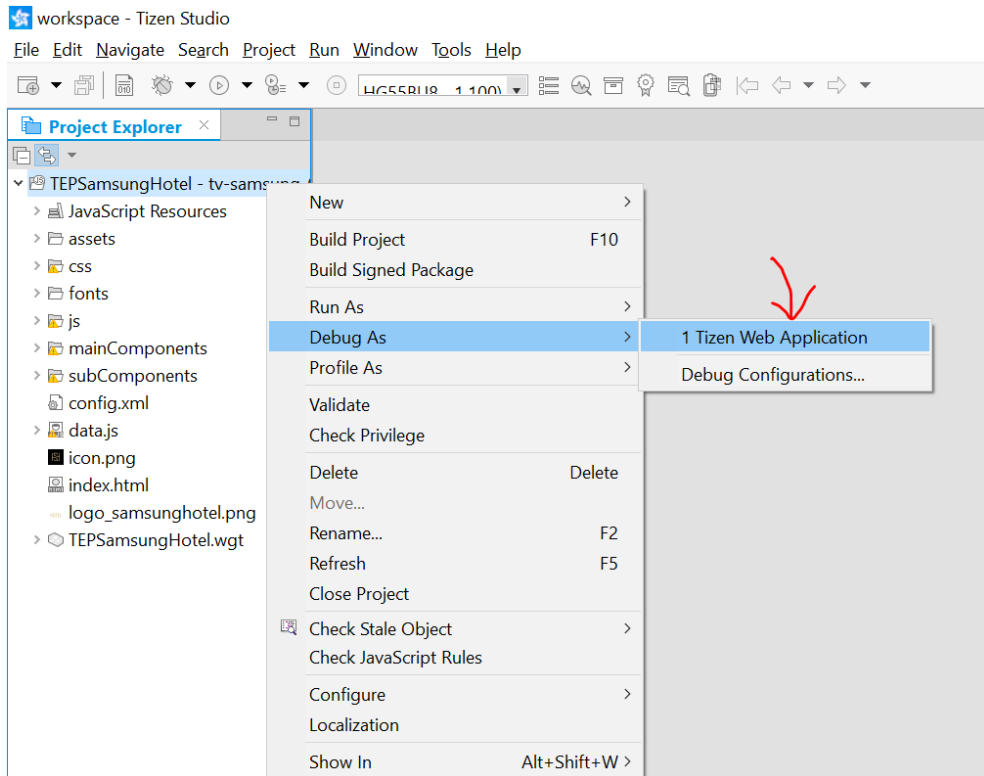- Right click the device, click "Permit to install applications"

- Message "Succeeded to upload a certificate" is shown

4.) Debugging

- In Tizen Studio, Click "Debug As → Tizen Web Application".

- App is uploaded in TV

- User debug the App using Chrome DevTools as shown below