

Requirement for IoTcloudServe@TEIN testbed Training Section [Day1, Day2]

1. Create Google Cloud Account
2. Google Cloud SDK installation (Please find the installation details below)
3. Node.js application (Please find the installation details below)
4. Setting WIFI-Access point for participants
5. Public IP for Smart micro box [**only 1 box**]

1. Google Cloud SDK Installation!

Download & Installation : <https://cloud.google.com/sdk/docs/?hl=th#windows>

Additionally, the [gcloud CLI reference](#) documents all of the gcloud CLI's functionality.

Install the latest Cloud SDK version (272.0.0)

LINUX

DEBIAN/UBUNTU

RED HAT/CENTOS

MACOS

WINDOWS

1. Download the [Cloud SDK installer](#).

Alternatively, open a PowerShell terminal and run the following PowerShell commands.

```
(New-Object Net.WebClient).DownloadFile("https://dl.google.com/dl/cloudsdk/setup.ps1", "C:\Program Files\Google\Cloud SDK\GoogleCloudSDKInstaller.exe")
```

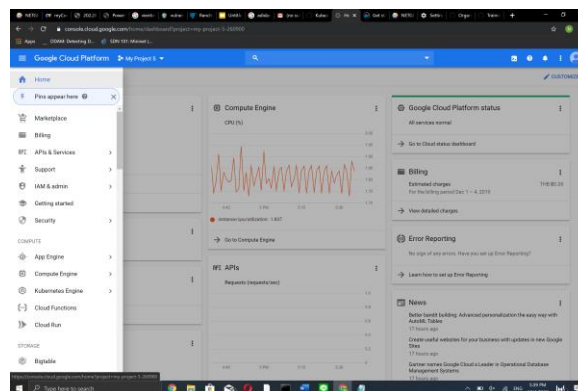
2. Launch the installer and follow the prompts. The installer is signed by Google LLC.

Cloud SDK requires Python 2 with a release version of Python 2.7.9 or higher. The installer will install all necessary dependencies, including the needed Python version, by default. If you already have Python 2.x.y installed and want to use the existing

Please select the software version that suite to your OS

เนื้อหา
Install the latest Cloud SDK version (272.0.0)
Install the latest Google Cloud Client Libraries
More information

Follow installation instruction you should be able to get to google cloud platform



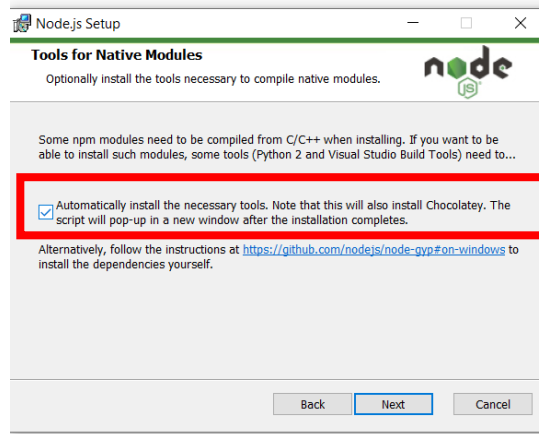
2. Node.JS installation

- **Linux OS:**

- Please type the Command in terminal as following below!
 - Command: `sudo apt update`
 - Command: `sudo apt install curl`
 - Command: `curl -sL https://deb.nodesource.com/setup_10.x | sudo -E bash -`
 - Command: `sudo apt install nodejs`
- In order to make sure that node & npm is working:
 - Command: `node --version`
 - **Output:** v10.16.3
 - Command: `npm --version`
 - **Output:** 6.9.0

- **Window/MAC OS**

- Installer download <https://nodejs.org/en/download/>



Don't forget to tick on this Box!