# Installations

As shown on official website of OpenWPM (<https://github.com/mozilla/OpenWPM>), the tool can be installed in two ways as listed follows:

Notes:

* OpenWPM does not support windows: <https://github.com/mozilla/OpenWPM/issues/503>
* ()
* This installation was done on AWS ubuntu-focal-20.04-amd64 server with 4 GB RAM and 32 GB storage.

## Using anaconda

### Pre-requisites

* + The main pre-requisite for OpenWPM is conda, a cross-platform package management tool.
  + Conda is open-source, and can be installed from <https://docs.conda.io/en/latest/miniconda.html>.

### Installation

* + Clone the repository
  + Change directory
  + Run the installation script

[Note that conda should already be installed with the link shown above.]

* Active the conda environment
* Check if the firefox is installed (it should show a version or else a command to install a new firefox, in case this is a fresh OS with no firefox)

*cd firefox-bin/*

*firefox --version*

*cd ..*

* Test the installation by running a demo crawl
* Done!

## Using Docker

### Pre-requisites

* + Download the docker container (openwpm.tar) in your folder: <https://drive.google.com/file/d/1PdxRTsY65taiikpZ1Z585AxEWxDOeSF_/view?usp=sharing>
  + Install docker: <https://docs.docker.com/engine/install/ubuntu/>

### Installation script

* Load the downloaded docker container

* Run the demo in container

*sudo mkdir -p docker-volume && sudo docker run -v $PWD/docker-volume:/opt/Desktop --shm-size=2g -it openwpm python3 /opt/OpenWPM/demo.py*

For more information and troubleshooting please refer: <https://github.com/mozilla/OpenWPM>