Amazon Mechanical Turk (AMT) sandbox mode
Amazon Web Services (AWS)

To be able successfully launch an application **pittask** using AWS server, please follow Installation guide from here: https://psiturk.readthedocs.io/en/stable/amazon_ec2.html
During installation at the paragraph 4:

> 4. You should now be at 'Step 1: Choose an Amazon Machine Image (AMI)' in the EC2 Launch Instance Wizard. Click 'Community AMIs' on the left, then in the 'Search community AMIs' search box, search for 'ami-bcab37d4'. A single AMI should be listed: 'ubuntu-psiturk-2 - ami-bcab37d4'. Click 'Select' on this AMI.

> Instead of "ubuntu-psiturk-2 – ami-bcab37d4" please choose a different OS type:
> **Ubuntu Server 18.04 LTS (HVM), SSD Volume Type** ami-085925f297f89fce1

Then continue to follow steps from the installation guide. After all steps is done. You successful connected to the launched AWS instance, please follow Psiturk installation guide. Detailed instructions you can find by following:
https://psiturk.readthedocs.io/en/stable/install.html

Please don't forget to edit `~/.psiturkconfig` For more details please follow:
https://psiturk.readthedocs.io/en/stable/stroop.html#configure-your-global-psiturk-options

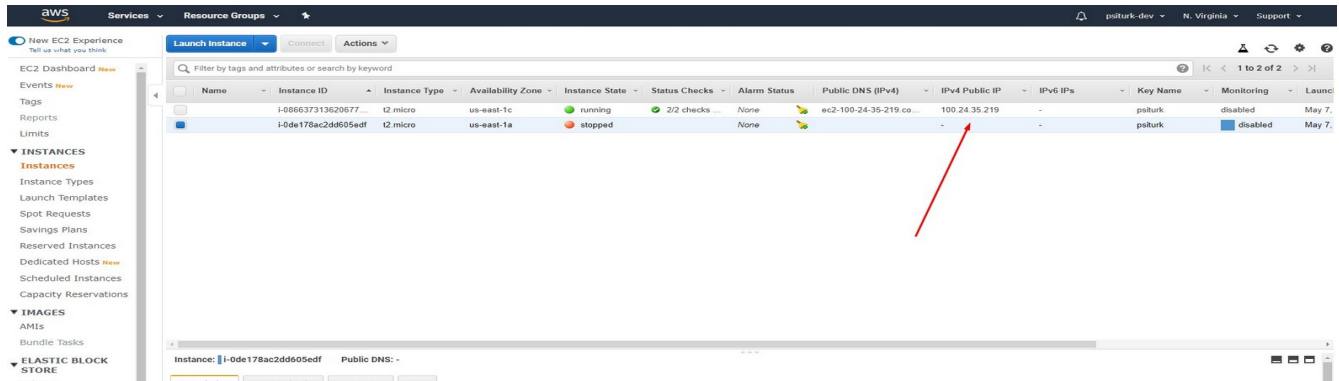Then, clone the folder **pittask** from my repo https://github.com/Serge-/pittask.html

Once you will have Psiturk installed and **pittask** cloned on the AWS instance reboot the server and connect to the AWS server using SSH again. Open `config.txt` file in vim (or other preferred command-line text editor) located in the root of **pittask** application. Change **host** parameter from host = localhost to host = 0.0.0.0

Now you can launch an application with the following commands:
psiturk
server on

First of all you will need to make sure that a **pittask** project is visible from the internet. From the AWS EC2 Dashboard page, please click on Running instances. On the loaded page you will able to see public IP address of the launched instance. IP address of your instance will be different. Please copy your IP address to the browser address bar, add a port number "**:22362**" and hit "Enter" if all steps gone well you should see a first page of **pittask** in the browser.

The line should look like this: **x.x.x.x:22362** where **x.x.x.x** is IP address of your instance.
For example a working example from the screenshot below will be: **100.24.35.219:22362**

After successful launching the **pittask** experiment you will be able to proceed with the **AMT sandbox environment** by following instructions:

https://psiturk.readthedocs.io/en/stable/stroop.html#launch-in-amt-sandbox

Local Linux machine setup

It is possible to launch **pittask** experiment from the local Linux machine to the internet and to the **Amazon Mechanical Turk (AMT)** environment.
First of all you need to make sure you have a static IP address which can be provided by your internet provider. It is an important point. Because dynamic IP address can be changed during the short period of time and participants not will be able to access the experiment. After clarifying the moment with the IP address. You can proceed with the installation process.
You will need to have **Ubuntu 18.04 LTS** installed on your machine.

Please follow Psiturk installation guide. Detailed instructions you can find by following:
https://psiturk.readthedocs.io/en/stable/install.html

Please don't forget to edit ~/.psiturkconfig For more details please refer to the:
https://psiturk.readthedocs.io/en/stable/stroop.html#configure-your-global-psiturk-options

Then, clone the folder **pittask** from my repo https://github.com/Serge-/pittask.html

Once you will have Psiturk installed and **pittask** cloned on you machine, please open config.txt file in any preferable text editor. I recommend to use Visual Studio Code, can be fond here: https://code.visualstudio.com

File config.txt located in the root of pittask application. Change host parameter from **host = localhost** to **host = 0.0.0.0**

Now you can launch an application with the following commands:
psiturk
server on

After all steps is done and **pittask** experiment successfully launched you can check if your experiment visible form the internet. Add to your IP address a port number ":**22362**". Full address will be like **x.x.x.x:22362** where **x.x.x.x** is your IP address.

If you can see your experiment from the internet you can proceed with the **AMT sandbox environment**. For more details please follow:
https://psiturk.readthedocs.io/en/stable/stroop.html#launch-in-amt-sandbox

Also, you can simply send a link with your IP address (for example **100.24.35.219:22362)** to someone else. That's all.

If you will find something confusing and not clear please contact me I will give you more detailed response.

Regards,

Serge.