Instana Agent Setup on Mac

1. Login to the Instana user interface at: https://instana-labs.instana.io/ Login as apmdemo-2@yahoo.com with the password provided by the lab instructor.
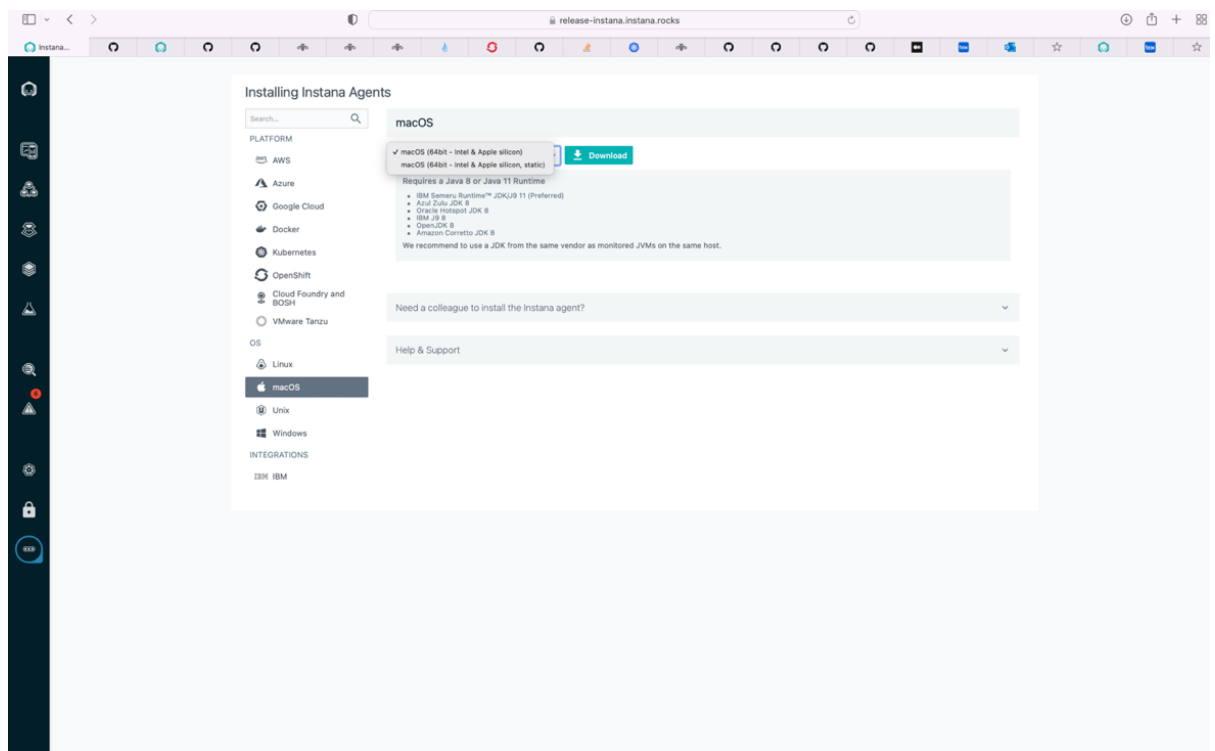2. Select the "Stan" the robot icon in the upper left corner

3. Next, click the **"Deploy Agent"** button near the upper right corner.
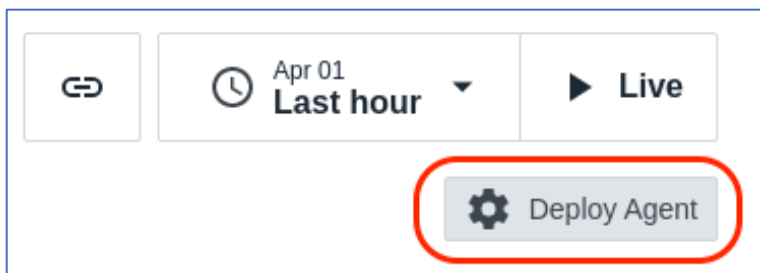
4. Download the static/dynamic MacOS package as mentioned in below

   Air Gapped – Static
   Internet Access – Dynamic/Static

5. Download Java as per your system Req. (Preferred JDK 8) – https://adoptopenjdk.net/releases.html?variant=openjdk8&jvmVariant=hotspot

6. Untar above downloaded build.

7. Set **JAVA_HOME** path in **instana-agent/bin/setenv** file as mentioned below:

   i) uncomment **# unset JAVA_HOME** from **instana-agent/bin/setenv** file

   ii) and add this line, **export JAVA_HOME=<path to your java installed>**

   Note: Generally JAVA_HOME path /Library/Java/JavaVirtualMachines/adoptopenjdk-8.jdk/Contents/Home for MAC OS but check again according to your system...
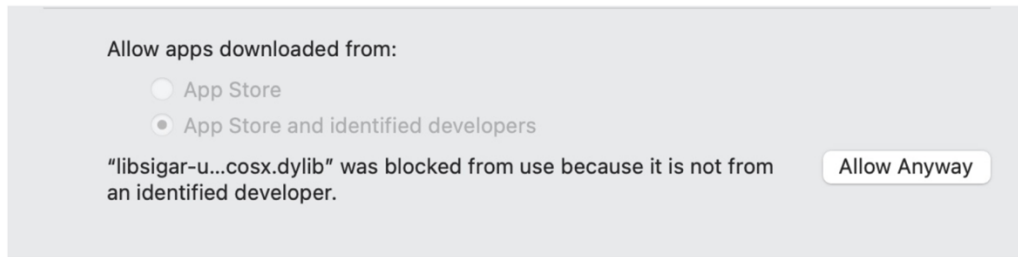
8. To Start the agent : **cd instana-agent/bin/** and execute **./start**

   Note:
   On the first start of the Instana agent on Apple silicon-based machines, you might see a warning from macOS about an unsigned library that is named libsigar-universal64-macosx.dylib, which is required to run the agent.
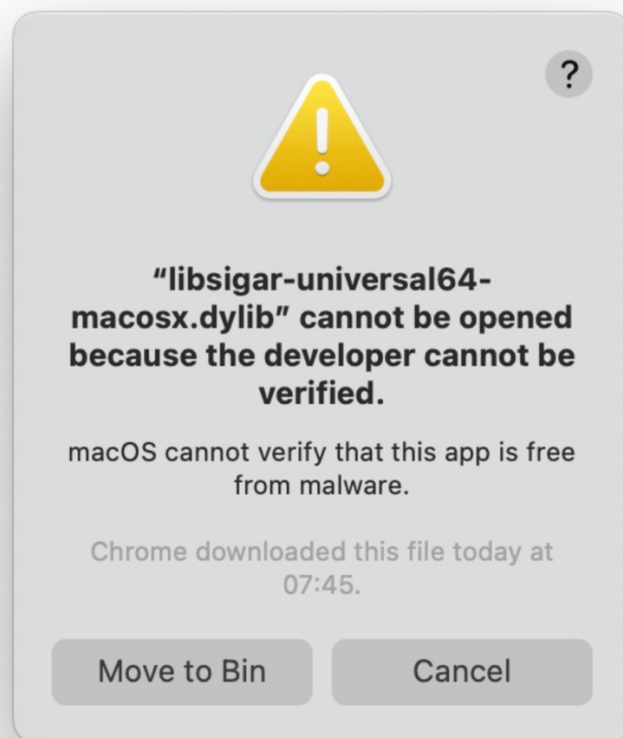
To allow the usage of this architecture-specific library, you need to approve it from **System Preferences** -> **Security & Privacy** -> **General**.

Then, restart the agent by running the following command in the terminal, and approve the library on the upcoming pop-up window once again:

cd instana-agent/bin/ and execute **./stop & then ./start**

7. Now let's configure your agent under particular zone for that we need to update *configuration.yaml*
   - Open *configuration.yaml* which is available at below path:
     <instana-agen-install-dir>/etc/instana/configuration.yaml
   - You will see Hardware & Zone. Let's edit this section and add a Zone name.
   - Zones are used to organize the Agents within the Infrastructure view in the UI, but can also be used to filter data for custom dashboards and threshold assignments.
   - Uncomment the section and change the availability-zone to something meaningful like your **name** so that you can find it in the UI.
     The section should look something like this:

```
# Hardware & Zone
com.instana.plugin.generic.hardware:
 enabled: true # disabled by default
 availability-zone: 'BipinChandraAZ'
```

   Note: *Replace "BipinChandraAZ" with your name. Zone names can contain spaces, so if I wanted, I could specify "Bipin Chandra". Just choose a meaningful name that will be unique so that you can find your system in the user interface.*