**Hawk Installation & Configuration**

**Installation steps:**

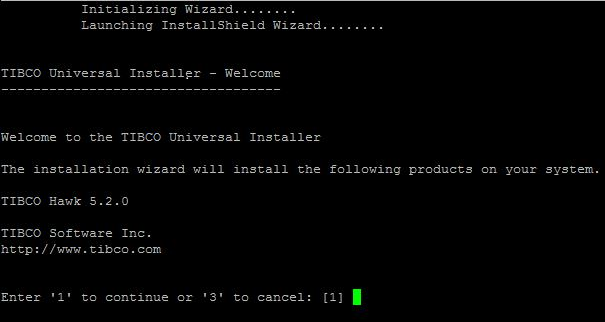
Step 1: Make sure RV & EMS are installed in the server otherwise install those two components first.

Step 2: Copy the Linux version of hawk software (TIB\_hawk\_5.2.0\_linux26gl23\_x86\_64) to a location in server.

Step 3: Open the putty and navigate to the directory where the software has been kept.

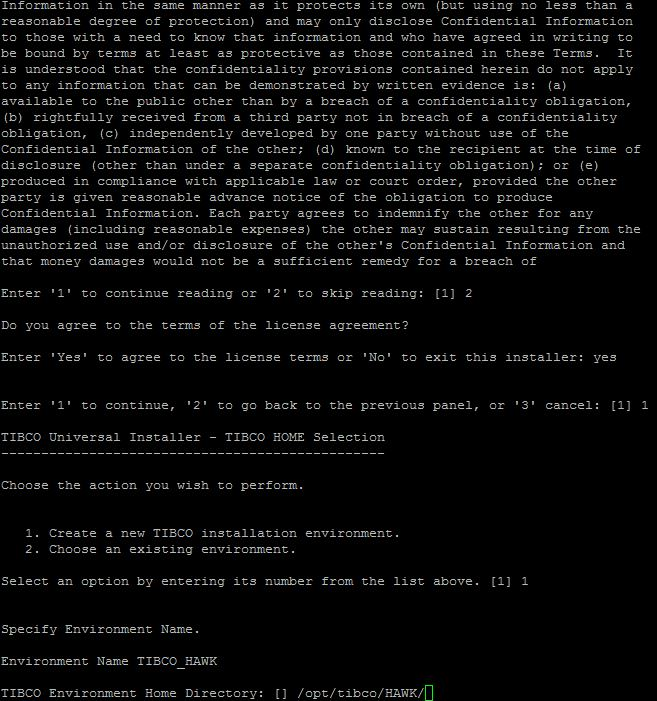
Step 4: Run the below command:

./ TIBCOUniversalInstaller-lnx-x86-64.bin –console

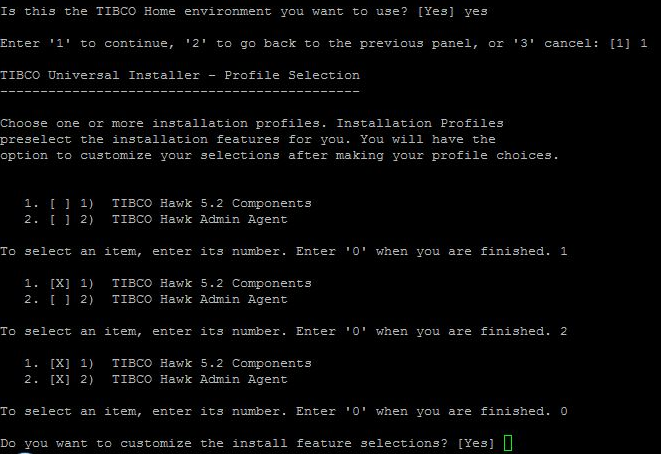


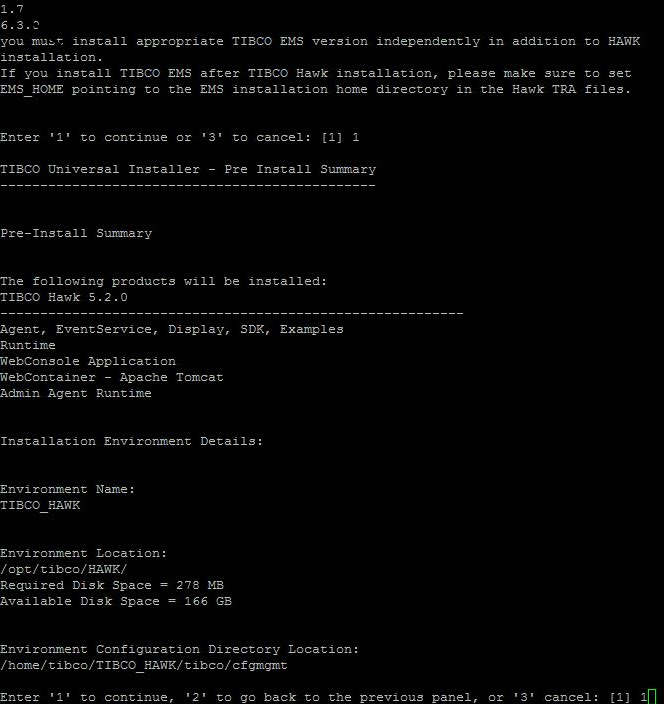
Step 5: Provide the new TIBCO HOME if required. Better to keep new home for HAWK.

* Accept the license agreement.

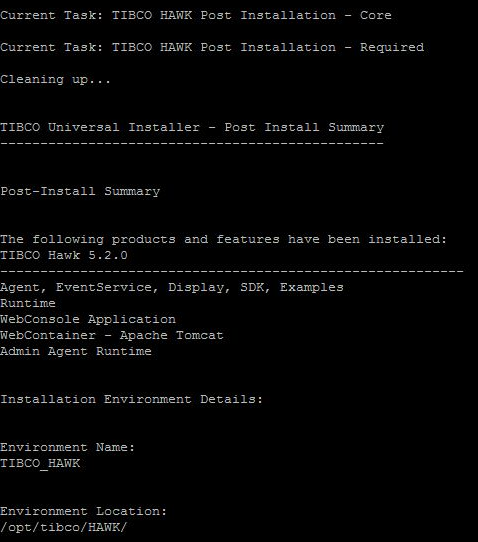


* Install both **TIBCO Hawk 5.2 Components & TIBCO Hawk Admin Agent** at a time or we can install each of them individually.





* Use previously installed JVM in the machine.
* Finish installation



**Post Installation:**

**Start Hawk Components:**

* Start Hawk Microagent by executing starthma. The starthma must be run as root.

<HAWK\_HOME>/hawk/5.2/bin> nohup ./starthma 2>&1 &

* Start RV if not running.

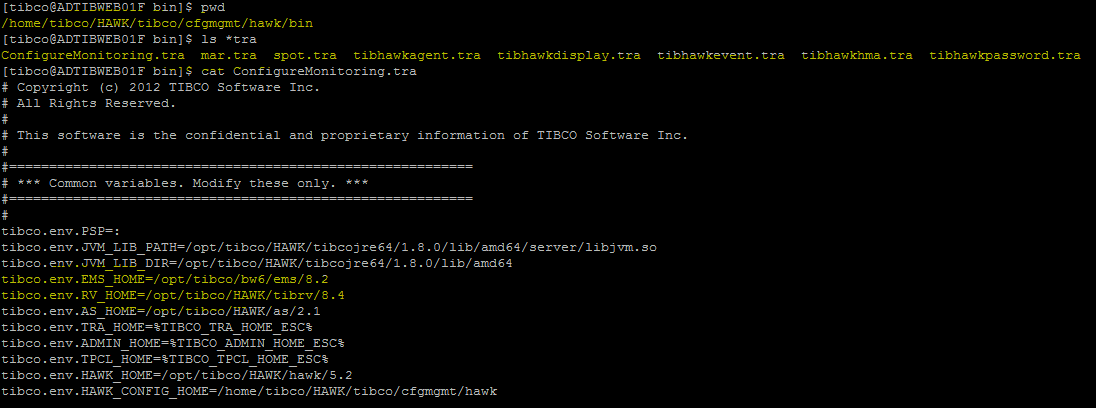
<HAWK\_HOME>tibrv/8.4/bin> nohup ./rvd 2>&1 &

* Start tibhawkagent.

<HAWK\_HOME>/hawk/5.2/bin> nohup ./tibhawkagent 2>&1 &

**Configuration steps:**

Since we have used different TIBCO HOME for hawk installation. So, we need to point RV or EMS location in all the .tra files present under *CONFIG\_HOME/bin* directory. Provide the correct values for **tibco.env.EMS\_HOME & tibco.env.RV\_HOME** environment variables in all the TRA configuration files.



**Configuring Hawk Console at runtime:**

* To configure Hawk WebConsole runtime environment, copy the Java libraries from respective locations (EMS\_HOME/lib & RV\_HOME/lib) to the below location:

HAWK\_HOME/webconsole/tomcat/lib directory.

* Copy the following Java libraries for TIBCO Rendezvous as transport:

— RV\_HOME/lib/tibrvj.jar

* Copy the following Java libraries for TIBCO EMS as transport:

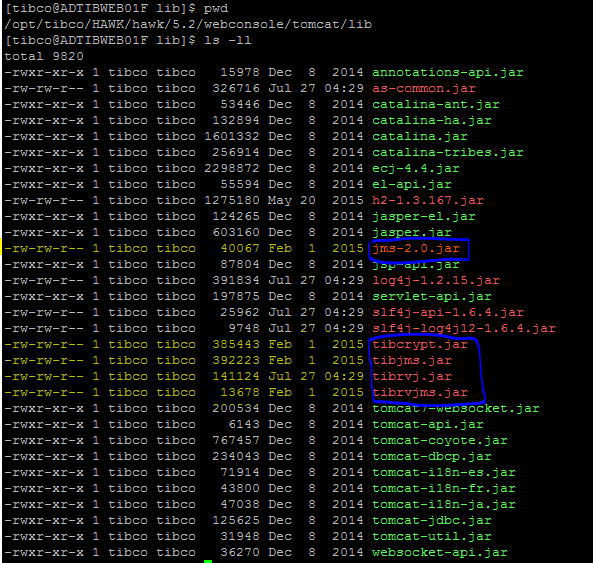
— EMS\_HOME/lib/tibrvjms.jar

— EMS\_HOME/lib/tibjms.jar

— EMS\_HOME/lib/tibcrypt.jar

— EMS\_HOME/lib/jms.jar (whenever EMS version is below 8.0) or

— EMS\_HOME/lib/jms-2.0.jar (in case of EMS 8.x)



* Also navigate to the files HAWK\_HOME/webconsole/startwebconsole.sh and HAWK\_HOME/webconsole/tomcat/bin/setenv.sh to set RV\_HOME and EMS\_HOME correctly.
* Start Hawk Webconsole by navigating HAWK\_HOME\webconsole folder.

Run the following executables:

— tibhawkh2db to start the database.

nohup ./tibhawkh2db 2>&1 &

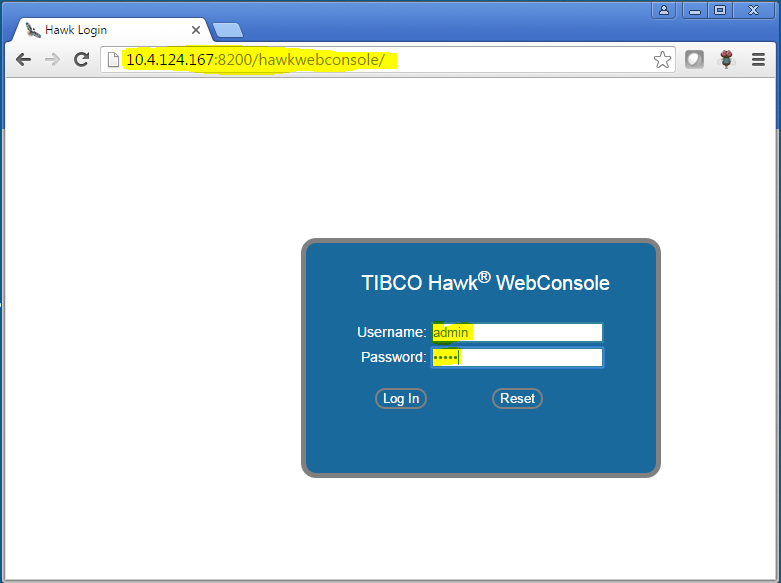
— startwebconsole.sh to start the Webconsole.

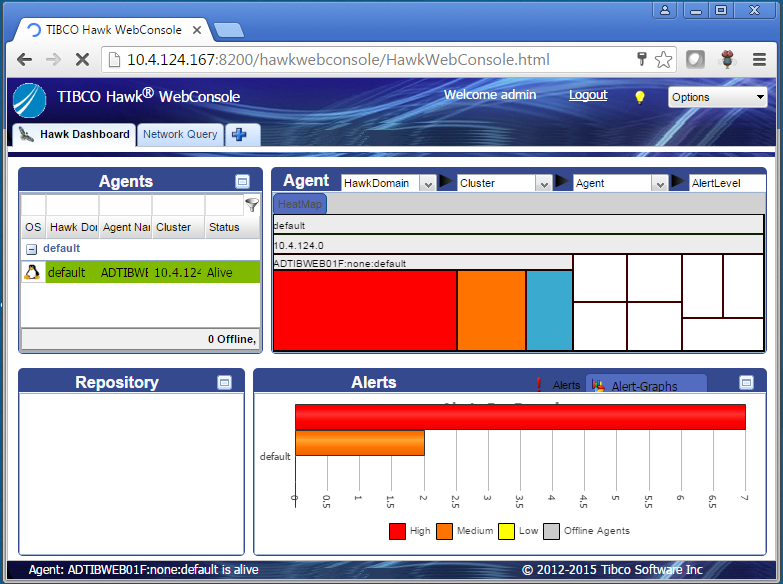
nohup ./startwebconsole.sh 2>&1 &

* Start the Hawk WebConsole in your browser’s address

\_address>/<port\_number>/hawkwebconsole

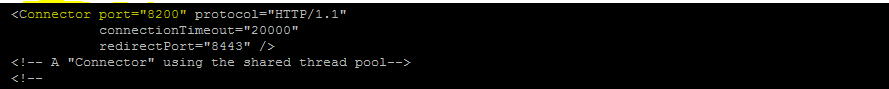
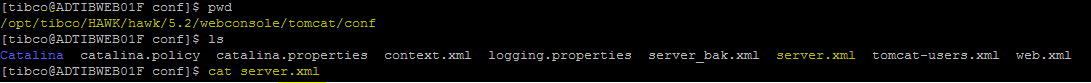
Where the default <port\_number> is 8080. But in DEV environment it is configured currently for port 8200.





Note: By default port for webconsole is 8080. We can modify it by editing server.xml present at below location:

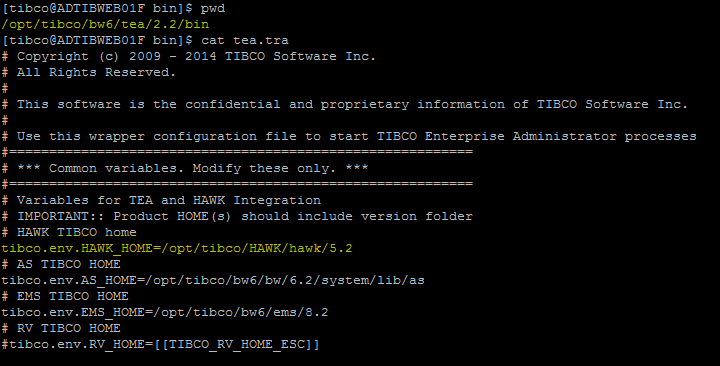
<HAWK\_HOME>/hawk/5.2/webconsole/tomcat/conf



**Configuring Tea admin for hawk:**

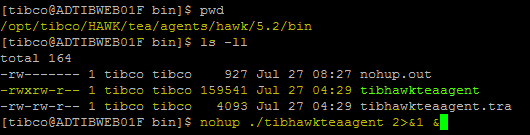
* To configure tea admin, navigate to BW6\_HOME/tea/<version>/bin and open tea.tra files for editing.
* Set the hawk home property:

tibco.env.HAWK\_HOME= Hawk\_Home/<version>

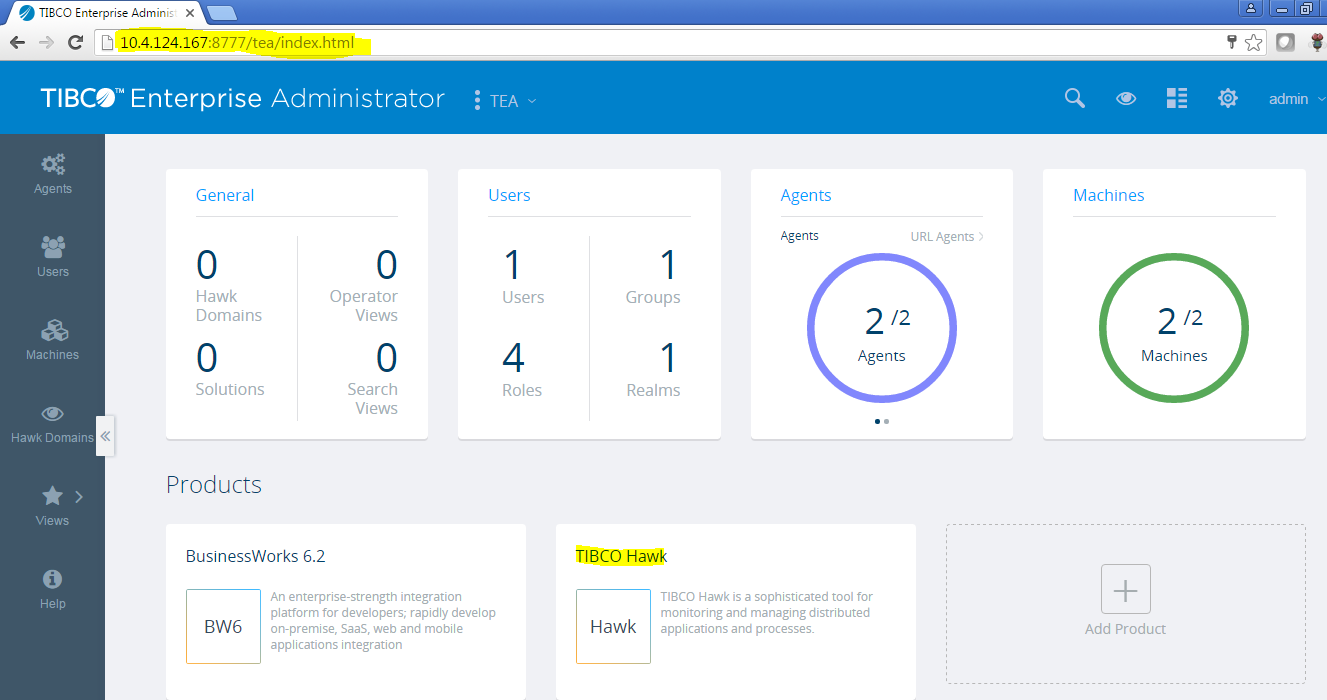


* Navigate to a directory HAWK\_HOME\tea\agents\hawk\<version>\bin
* Run tibhawkteaagent:

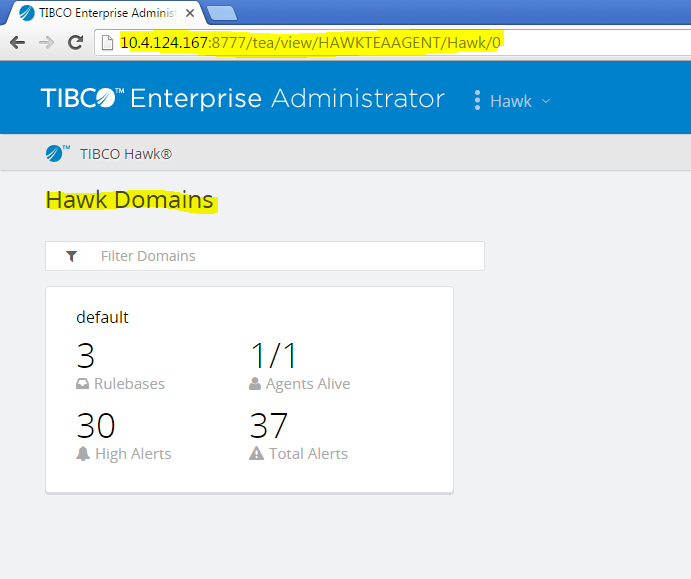
nohup ./tibhawkteaagent 2>&1 &



* Verify the configuration by login to tea admin UI.



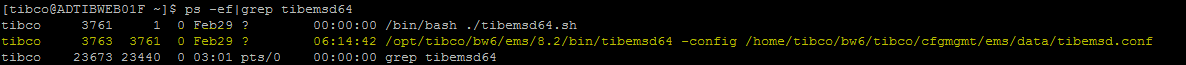
* Click on highlighted HAWK.

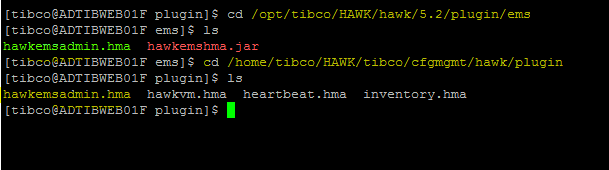


**Configuring EMS microagents for hawk:**

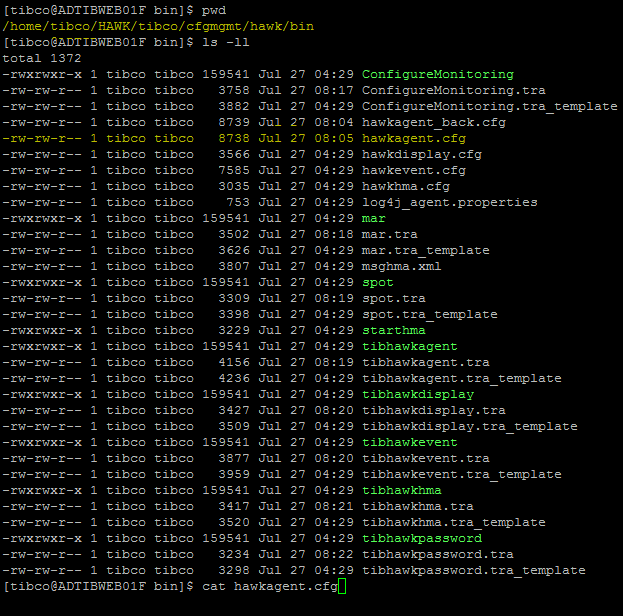
To configure EMS microagents follow the below steps:

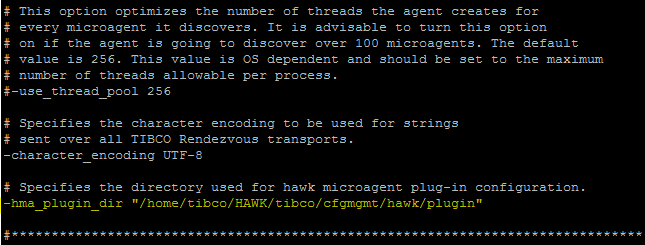
* Make sure that TIBCO Enterprise Message Service is installed and running.



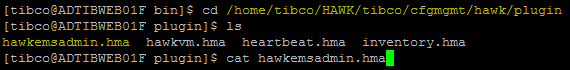
* Copy the file hawkemsadmin.hma from TIBCO\_HOME/hawk/<version>/plugin/ems to CONFIG\_FOLDER/hawk/plugin.
*  Edit hawkagent.cfg in CONFIG\_FOLDER/hawk/bin and set the following option:

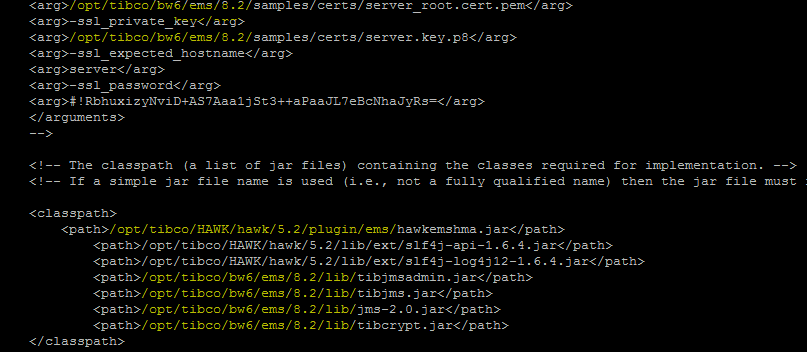
hma\_plugin\_dir CONFIG\_FOLDER/hawk/plugin





* Navigate to CONFIG\_FOLDER/hawk/plugin directory and open the hawkemsadmin.hma file in a text editor and modify the RV\_HOME & EMS\_HOME.





* Restart tibhawkagent

/opt/tibco/HAWK/hawk/5.2/bin> nohup ./tibhawkagent 2>&1 &

* Verify EMS configuration by login to webconsole/tea UI and click on microagents tab.

