# Grok Integration with vmware

VM metrics stats can be exported and visualized in Grok.

# Packages to install

%> pip install grokcli

%> pip install pysphere

Please follow the instructions in <LINK TO GROKCLI DOCUMENTATION> to ensure grokcli is setup correctly and that you have the correct Grok API key. Once grokcli is setup, the following example will send the installed VM Name and its stats to Grok.

# Running the script manually

To run the script manually type below mentioned command in the command prompt.

%> python –m grokcli.vmware --grokServer=<Grok server URL> --grokApiKey=<Grok server API key> --configFilePath=<path to ESX configuration file>

**Eg**: python –m grokcli.vmware --grokServer=https://psl-26.arategroup.com --grokApiKey=5TITw --configFilePath=d:\test\vmconfig.ini

* grokServer is the server where you want to send data
* grokAPiKey api key for the grok server where you are sending data
* configFilePath is the full path to config file which contains username password and host which will be used to connect to the ESX server.

Note: Please refer a sample config file. [<Link to Config File>](Grok/vmware/vmconfig.py)

# Setting up a scheduled task to send vmstats every 5 min

To setup a scheduled task in windows follow these steps:

* Go to control panel-->system & security-->administrative tool-->scheduled task

Create a basic task-->Enter name and description-->trigger (daily) -->next-->action-->start a program-->Add arguments

(Eg: --grokServer=https://psl-26.arategroup.com --grokApiKey=5TITw --configFilePath=d:\test\vmconfig.ini) -->finish

* Goto task scheduler library-->double click on task-->under trigers tab click the task and edit-->
  + check for repeats task every(select the duration)
  + for a duration of --> indefinitely