Assignment:

<https://github.com/StackVista/plugin-developer-assessment>

Installation:

1. Git clone the above repo from github
2. I used the deb file to install the stackStateAgent Service using following command

*# dpkg -I <name>.deb*

1. I have created the attached yaml file (twitter.yaml) in the directory of service at following location:

# */etc/sts-agent/conf.d*

1. I created the check file(plugin) named twitter.py in the following location:

# */opt/stackstate-agent/agent/checks.d*

1. The following steps needed to be run for plugin tests:

# *root@blue-automation:~# service stackstate-agent configtest*

*2019-09-13 10:45:12,054 | INFO | dd.collector | config(config.py:805) | Certificate file NOT found at /opt/stackstate-agent/agent/stackstate-cert.pem*

*2019-09-13 10:45:12,075 | ERROR | dd.collector | utils.dockerutil(dockerutil.py:135) | Failed to initialize the docker client. Docker-related features will fail. Will retry 0 time(s). Error: Error while fetching server API version: ('Connection aborted.', error(13, 'Permission denied'))*

*statsd.yaml is valid*

*apache.yaml is valid*

*twitter.yaml is valid*

*hello.yaml is valid*

*nginx.yaml is valid*

*exmple.yaml is valid*

*All yaml files passed. You can now run the StackState agent.*

1. # service stackstate-agent configcheck

Final Step: Plugin TEST – run the following command

# service stackstate-agent info

Sample partial log of plugin test:

twitter (x.x.x)

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- instance #0 [OK]

- instance #1 [OK]

- Collected 19 metrics, 1 event & 0 service checks