API GW Reboot

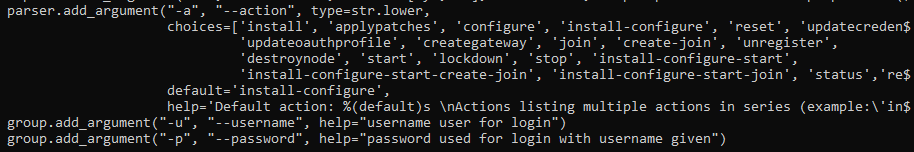
Reboots the API GateWay when the server reboots:

It checks if the service is up and restarts it if necessary.

* First we have to edit the API-gateway python script to include an option of running it with “username” and “password” from the CLI:
  + nano /home/weblogic/api\_gw\_install/APIGateway.py: ADD lines 3623-3624 (approximately):

group.add\_argument("-u", "--username", help="username user for login")

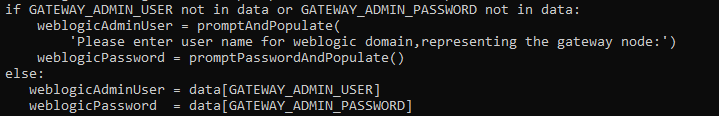
group.add\_argument("-p", "--password", help="password used for login with username given")



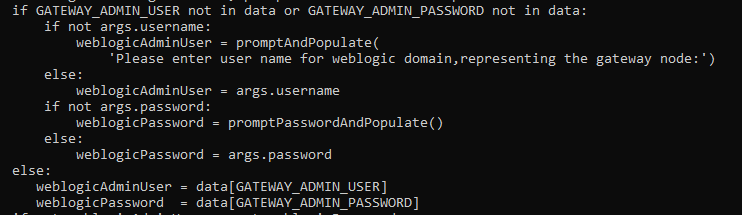
(last two lines in the picture)

And edit the usage of the script of “username” from CLI:

FROM:



TO (changed lines between “if” & “else” statements, 3 lines to 9 lines):



\*\*\*Make sure to keep the indentations straight.

if not args.username:

weblogicAdminUser = promptAndPopulate(

'Please enter user name for weblogic domain,representing the gateway node:')

else:

weblogicAdminUser = args.username

if not args.password:

weblogicPassword = promptPasswordAndPopulate()

else:

weblogicPassword = args.password

* Now we will create the DAEMON for the API-gateway Reboot

Users

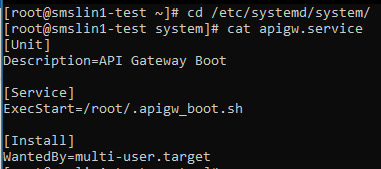
1. Root

Install paths

1. Daemon: /etc/systemd/system/
2. Script: /root/

Install DAEMON

1. Go to /etc/systemd/system/
2. Write new deamon file: apigw.service



* 1. cd /etc/systemd/system
  2. nano apigw.service and <PASTE>

[Unit]

Description=API GateWay Boot

[Service]

ExecStart=/root/.apigw\_boot.sh

[Install]

WantedBy=multi-user.target

Daemon components (explanation)

[Unit]

Description=<<DESCRIPTION OF DAEMON>>

[Service]

ExecStart=<</PATH/TO /SCRIPT.sh>>

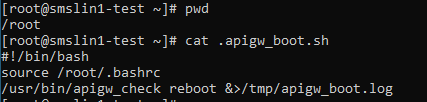
[Install]

WantedBy=multi-user.target

1. Start the Daemon:
   1. systemctl enable apigw
   2. systemctl start apigw

Install script

1. Go to /root/
2. Write script that the DAEMON will run on startup (I made the script hidden).



* 1. nano .apigw\_boot.sh and <PASTE>

#!/bin/bash

source /root/.bashrc

/usr/bin/apigw\_check reboot &>/tmp/apigw\_boot.log

* 1. Add a line at the end of /root/.bashrc file containing the “JAVA\_HOME” environment variable (may differ depending on the JAVA version).
  2. Use `env|grep JAVA\_HOME` command to find the correct line.
  3. `echo export JAVA\_HOME=/usr/java/jdk1.8.0\_281-amd64 >> /root/.bashrc` (EXAMPLE).

1. apigw\_check is a script created for controlling the API GateWay (ask Roy).
2. apigw\_boot.log is for logging the process.