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alpha@labvm:~/TBA$ python3 tba.py
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#####  
Starting Execution of tba.py
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#####  
THIS SCRIPT EMULATES THE FUNCTIONALITY OF TIME-BASED ACLS ON FTD 6.2.X UNTIL THE FEATURE IS  
AVAILABLE NATIVELY IN THE SOFTWARE. THIS SCRIPT ENABLES / DISBALES THE RULES ON FMC AND  
AUTOMATICALLY DEPLOY THE POLICY CHANGES TO THE ASSOCIATED DEVICES.  
YOU CAN CHOOSE WHETHER YOU WANT AUTOMATIC DEPLOYMENT OF POLICY CHANGES TO DEVICES ## OR ## ONLY  
UPDATE THE POLICIES ON FMC LEAVING THE DEPLOYMENT TO BE DONE MANUALLY BY YOU.  
OPTIONALLY YOU CAN CONFIGURE THIS SCRIPT TO SEND OUT AN AUTOMATED EMAIL WHENEVER ANY POLICY  
UPDATES ARE PERFORMED BY THIS SCRIPT.  
ALSO THE POLICY UPDATES PERFORMED BY THIS SCRIPT ARE LOGGED TO AN AUDIT LOG FILE.  
#####
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```
FOUND THE FILE WITH TIME BASED ACLS - "/home/alpha/TBA/tba-db.txt"
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```
PROCESSING THE RULES GIVEN IN "tba-db.txt" FILE
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~~~~~  
PROCESSING THE LINE -  
2018-03-14 16:39 #### 2018-03-14 16:49 #### "PFW Policy" #### 1  
NEED TO CONNECT TO FMC, SO ESTABLISHING CONNECTION  
GETTING THE LIST ALL THE ACCESS POLICIES FROM FMC  
Fetching all rules for this policy - 0050568E-5C8B-0ed3-0000-004294967933  
Found the Rule UUID and Name: 0050568E-5C8B-0ed3-0000-000268437506 alpha  
Rule Status Modification Scheduled. So updating this Rule  
Rule Update in FMC Completed Successfully  
  
~~~~~  
PROCESSING THE LINE -  
2018-03-14 16:39 #### 2018-03-14 16:49 #### "PFW Policy" #### 2  
Found the Rule UUID and Name: 0050568E-5C8B-0ed3-0000-000268437507 beta  
Rule Status Modification Scheduled. So updating this Rule  
Rule Update in FMC Completed Successfully  
  
~~~~~  
PROCESSING THE LINE -  
2018-03-14 16:39 #### 2018-03-14 16:49 #### "test1" #### 1  
Fetching all rules for this policy - 0050568E-5C8B-0ed3-0000-146028897141  
Found the Rule UUID and Name: 0050568E-5C8B-0ed3-0000-000268437508 gamma  
Rule Status Modification Scheduled. So updating this Rule  
Rule Update in FMC Completed Successfully  
  
~~~~~  
PROCESSING THE LINE -  
2018-03-14 16:39 #### 2018-03-14 16:49 #### "test1" #### 2  
Found the Rule UUID and Name: 0050568E-5C8B-0ed3-0000-000268437509 delta  
Rule Status Modification Scheduled. So updating this Rule  
Rule Update in FMC Completed Successfully  
  
~~~~~  
PROCESSING THE LINE -  
2018-03-14 16:39 #### 2018-03-14 16:49 #### "test1" #### 3  
Found the Rule UUID and Name: 0050568E-5C8B-0ed3-0000-000268437510 Inspect-All  
Rule Status Modification Scheduled. So updating this Rule  
Rule Update in FMC Completed Successfully  
  
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DEPLOYING THE UPDATED POLICIES TO THE ASSOCIATED DEVICES:-
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Deployment Task id - 146028905180
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Will periodically poll FMC to check the status of deployment task
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Current Deployment Status:- Deploying  
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: Deploying; Deployment status for  
ac7adalc-b705-11e7-8ea8-a8cd82c1bb2d: Deploying  
Sleeping for 30 Seconds before polling again  
  
Current Deployment Status:- Deploying  
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: PARTIALLY_SUCCEEDED; Deployment  
status for ac7adalc-b705-11e7-8ea8-a8cd82c1bb2d: PARTIALLY_SUCCEEDED  
Sleeping for 30 Seconds before polling again  
  
Current Deployment Status:- Deploying  
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: PARTIALLY_SUCCEEDED; Deployment  
status for ac7adalc-b705-11e7-8ea8-a8cd82c1bb2d: PARTIALLY_SUCCEEDED  
Sleeping for 30 Seconds before polling again  
  
Current Deployment Status:- Deploying  
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: PARTIALLY_SUCCEEDED; Deployment  
status for ac7adalc-b705-11e7-8ea8-a8cd82c1bb2d: SUCCEEDED  
Sleeping for 30 Seconds before polling again  
  
.
```

Current Deployment Status:- Deploying
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: PARTIALLY_SUCCEEDED; Deployment status for ac7ada1c-b705-11e7-8ea8-a8cd82c1bb2d: SUCCEEDED
Sleeping for 30 Seconds before polling again

.
Current Deployment Status:- Deployed
Current Deployment Status Message:- Deployment status for 1e0ebd60-b706-11e7-b0e9-da27e94eb30d: SUCCEEDED; Deployment status for ac7ada1c-b705-11e7-8ea8-a8cd82c1bb2d: SUCCEEDED

Deployment Completed Successfully

Successfully sent email

WRITING THE UPDATED "tba-db.txt" FILE

NEXT STEP: REVIEW AND FIX THE ERRORS IN THE UPDATED "tba-db.txt" FILE, IF ANY AND THEN RE-RUN THIS SCRIPT -

\$ python3 tba.py

AFTER THAT, ADD A CRONJOB THAT RUNS EVERY MINUTE AND EXECUTES THE FOLLOWING COMMAND (AS SHOWN BELOW WITH THE CORRECT PATH):-

*** * * * * /usr/bin/python3 /home/alpha/TBA/tba.py > /dev/null**

IF YOU HAVE ALREADY ADDED IT TO CRONTAB THEN, YOU DO NOT NEED TO RE-ADD.