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Overview

Integration between McAfee ePolicy Orchestrator and McAfee Asset Manager provides added network visibility for the enterprise, enabling comprehensive security, configuration, compliance, and risk management on the network.

The McAfee Asset Manager ePO extension is used to update the McAfee ePO asset database in near real-time, allowing the McAfee ePO platform to become the single source of truth about the network. The integration makes use of the rogue system detector (RSD) API.

The McAfee Asset Manager ePO extension is used to communicate with the McAfee Asset Manager Console's PostgreSQL database on a regular basis (down to 1 minute intervals) and to receive delta updates about the network, its devices, and its users.

User Accounts & Privileges

Administrative rights to McAfee ePO

Root account for MAM Console

Prerequisites

MAM Extension for ePO 4.6 and above

Configuration Steps

- 1. Log in to the McAfee Asset Manager Console with the root user account
- 2. Using VI, open the following file for editing
 - a. /usr/lib/insightix/management/memory_config/current_config/postgresql_add.conf

```
MAM Platform with
MAM Console 6.6.126 tty1

mam login: root

Password:
Last login: Sat Oct 26 11:08:51 CDT 2013 on tty1

Linux mam 3.0.59-1-p4 #1 SMP Mon Jan 21 10:03:20 IST 2013 i686

MAM Platform with
MAM Console 6.6.126

root@mam:~# vi /usr/lib/insightix/management/memory_conf/current_config/postgres
ql_add.conf_
```

- 3. Add the following line to the file
 - a. Press the Insert Key on the keyboard to begin editing mode
 - b. Listen_addresses= '*'
 - c. To save press Shift : on the keyboard → Type wq to write and quit

```
max_connections = 450
fsync = off
full_page_writes = off
default_statistics_target = 50
maintenance_work_mem = 240MB
#constraint_exclusion = on
checkpoint_completion_target = 0.9
effective_cache_size = 2048MB
wal_buffers = 8MB
checkpoint_segments = 26
shared_buffers = 512MB
listen_addresses= '*'
  nt/memory_conf/current_config/postgresql_add.conf" 13L, 313C 1,1
```

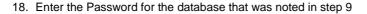
- 4. Using VI, open the following file for editing
 - a. /etc/postgresql/9.1/main/pg_hba.conf
 - b. Press the Insert Key on the keyboard to begin editing mode
 - c. Under IPv4 local connections add the following line if it does not exist
 - d. Host all 0.0.0.0/0 all md5
 - e. To save press Shift: on the keyboard → Type wq to write and quit

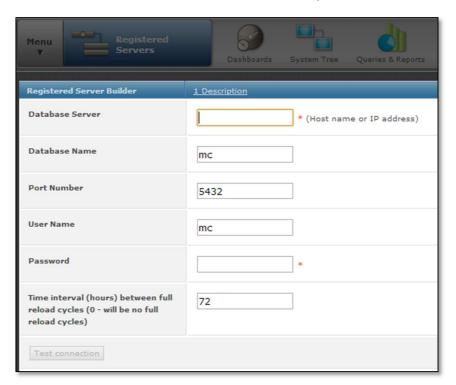
```
DO NOT DISABLE!
If you change this first entry you will need to make sure that the database superuser can access the database using some other method. Noninteractive access to all databases is required during automatic maintenance (custom daily cronjobs, replication, and similar tasks)
 ,
V Database administrative login by Unix domain socket
local all postgres
    "local" is for Unix domain socket connections only
 local all all
# IPv4 local connections:
# IPv4 local connections:
host all all 127.0.0.1/32 md5
host all all 0.0.0.0/0_ md5
# IPv6 local connections:
host all all ::1/128 md5
# Allow replication connections from localhost, by a user with the
# replication privilege.
# replication postgres pe
#host replication postgres 127.0.0.1/32 md
#host replication postgres ::1/128 md
-- INSERT -- 93.32
                                                                                                                                                                                               md5
md5
                                                                                                                                                                                                    peer
md5
md5
32–5
```

- 5. Type Exit one time
- 6. Type monit stop all7. Type /etc/init.d/postgresql restart
- 8. Type monit start all

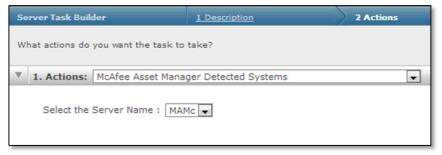
- 9. Using VI, open the following file to gather needed information to configure the ePO Server
 - a. /usr/lib/insightix/management/conf/msconfig.properties
 - b. Take note of the username under dbuser and the database password under dbpwd

- 10. Log in to the ePO server console with an administrator account
- 11. Using VI, open the following file to gather needed information to configure the ePO Server
- 12. Browse to Menu → Extensions → Install Extension
- 13. Check in the MAM Extension
- 14. Browse to Menu \rightarrow Configuration \rightarrow Registered Servers \rightarrow New
- 15. Select MAM Console Server from the drop down menu
- 16. Enter a name for the server → Next
- 17. Enter the IP Address of the MAM Console Server





- 19. Click Test Connection
- 20. If the connection is successful click Save
- 21. Browse to Menu \rightarrow Automation \rightarrow Server Tasks \rightarrow New Task
- 22. Name the Task (This task is to pull data from MAM)
- 23. Click Next
- 24. Select McAfee Asset Manager Detected Systems from the drop down menu
- 25. Ensure the correct registered MAM server is selected



- 26. Click Next
- 27. Configure the schedule frequency for ePO to pull data from MAM
- 28. Click Next → Save

Value Add

McAfee Asset Manager augments McAfee's visibility of devices connected to the network, enabling comprehensive security, configuration, compliance, and risk management on the network. McAfee has achieved this by integrating McAfee Asset Manager with McAfee ePO software, the centralized platform that manages all endpoint security and compliance solutions from McAfee. As part of the integration with the McAfee ePO platform, McAfee Asset Manager updates the McAfee ePO asset database in near real-time, allowing the McAfee ePO platform to maintain a more complete, accurate, and up-to-date inventory of the devices, their profiles, and the identities of those using the devices.

Combining the data from existing McAfee solutions and McAfee Asset Manager, the McAfee ePO platform now becomes the single source of truth about the network. This integration provides the foundation for effectively managing security, compliance, and risk against all devices across the entire network.