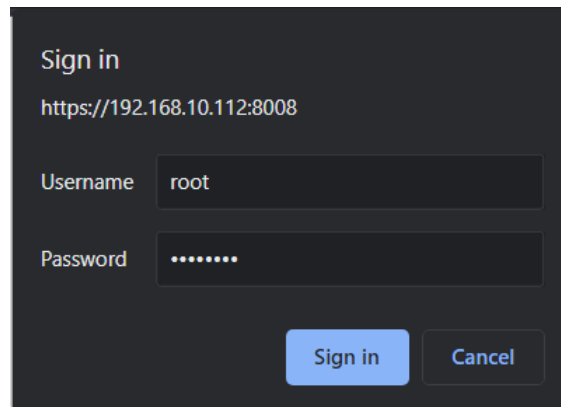Task 4 Databases and tables overview   QE: Andres Felipe Vargas
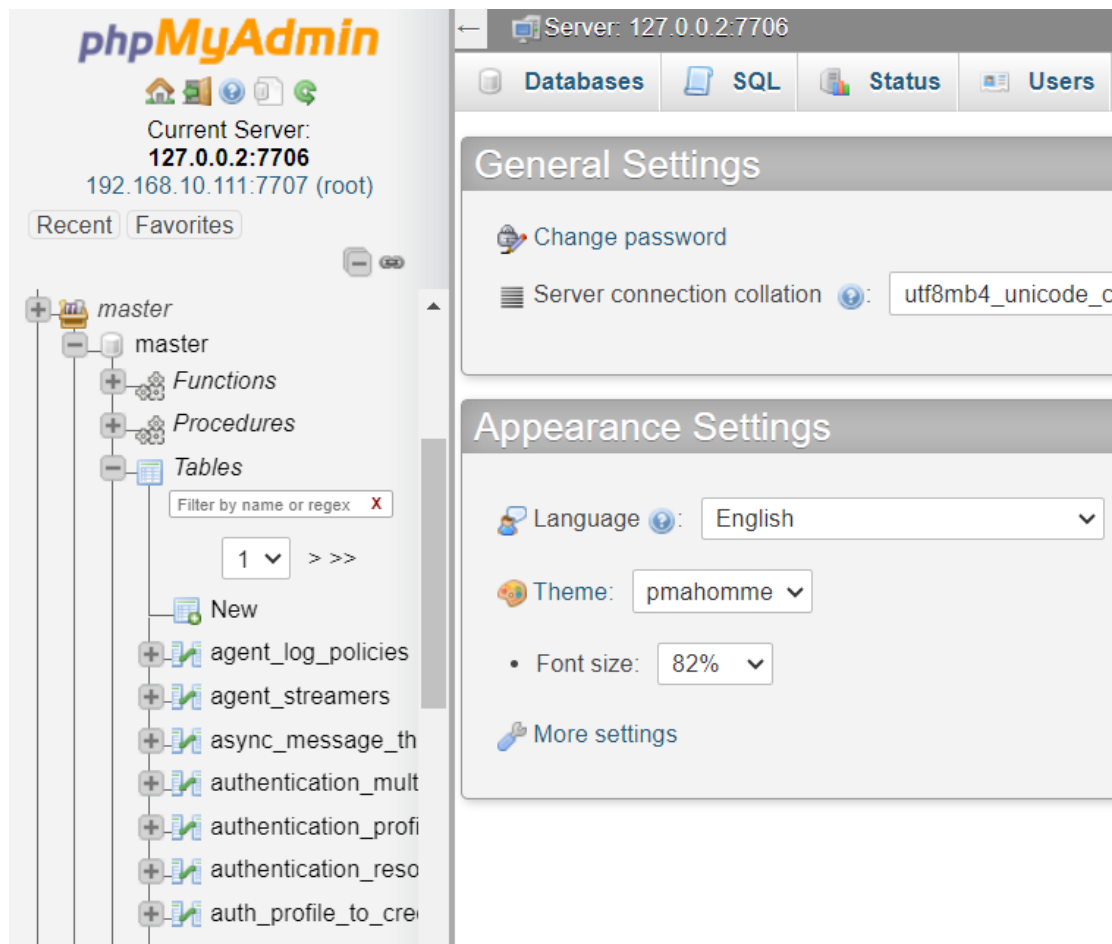
- Databases and tables

Tools used:

phpMyAdmin: navigating through the 8008 port and login with the Username: root and
Password: em7admin credentials.

This worked for the distributed non-MUD deployment, the AIO MUD has not access to the database through this port using the SL1 UI. (https://192.168.10.114:8008)

- MySQL Workbench:

  o The connection was added through the 7706-port using a standard TCP/IP connection method. The login credentials are the same for the MUD and non-MUD systems.

- DBeaver

Environments:

Database and Collection Unit non-MUD

AIO MUD

VM Specs:

- DB_nonMUD [10.1.0-2166]:
  - RAM: 2 GB
  - Storage: 100 GB
  - CPU Cores: 2
  - Network: Bridged adapter
  - IP: 191.162.10.112

- CU_nonMUD [10.1.0-2166]:
  - RAM: 2 GB
  - Storage: 80 GB
  - CPU Cores: 2
  - Network: Bridged adapter
  - IP: 191.162.10.111

- AIOMUD [10.1.0-2166]:
  - RAM: 2 GB
  - Storage: 80 GB
  - CPU Cores: 2
  - Network: Bridged adapter
  - IP: 191.162.10.114

Databases and tables overview.

master.powerpack

master.dynamic_app

master.system_settings_core

master.dynamic_app_alerts

- **Queries**:

- **#Show the DA list of a predetermined PP.**
  -
    SELECT *
    FROM master.dynamic_app
    WHERE ppguid = "242198E4DFC792353A5DAAFA7553DD96";
    - This query displays all the information related to the dynamic apps for certain powerpack id.

  - **SELECT** MPP.name AS PPname, MDA.ppguid AS PPid, MDA.app_guid AS DAid,
    MDA.description AS DA_Description
    FROM master.dynamic_app AS MDA
    JOIN master.powerpack AS MPP
    ON MDA.ppguid = MPP.ppguid
    WHERE MPP.name = "REST"
  -
    - This query displays only the columns that are being requested from dynamic_app and powerpack tables. This can change according to the needs, in this case I decided to display the powerpack name and id and the dynamic app id and description for the Rest powerpack.

PPname	PPid	DAid	DA_Description
REST	242198E4DFC792353A5DAAFA7553DD96	5D65275A7BB2874AD47F8235C30FCC04	Example Dynamic Application to demonstrate usage of REST snippet configuration
REST	242198E4DFC792353A5DAAFA7553DD96	DAABA4449C0BF25BA32A77D04CDE74AD	Example Dynamic Application to demonstrate usage of REST Bulk snippet configuration.
REST	242198E4DFC792353A5DAAFA7553DD96	37177E558BFDBEC06DF2C9661109DFC6	Dynamic Application to discover dynamic applications aligned with the device.
REST	242198E4DFC792353A5DAAFA7553DD96	1AACC8DAB90A708516B9BBF210F20866	Dynamic Application to discover presentation objects associated with the dynamic application.
REST	242198E4DFC792353A5DAAFA7553DD96	F9A41D71E0F07245CA03B76CF5D148EA	Example Dynamic Application to demonstrate usage of REST Bulk Snippet Performance Dynamic Application
REST	242198E4DFC792353A5DAAFA7553DD96	A6E06DC155816353F1260F1E56A7D1C9	Example Dynamic Application to demonstrate usage of POST in REST request
REST	242198E4DFC792353A5DAAFA7553DD96	998CE93E5748877C21E0BAC40CCF73FE	Example Dynamic Application to demonstrate usage of REST snippet performance Dynamic Application

- **#List the libraries associated to a PP.**
  - **SELECT** MCL.lib_id AS Library_id, MCL.name AS Library_Name, MCL.description AS Description, MPP.name AS PowerPack_Name
    FROM master.content_libraries AS MCL
    JOIN master.content_libraries_ppack AS MLPP
    ON MCL.lib_id = MLPP.lib_id
    JOIN master.powerpack AS MPP
    ON MPP.ppguid = MLPP.ppguid
    WHERE MLPP.ppguid = "0B01D6E38C4EB3E11BA0EBC67B22A23E"

    - This query is a request for 3 tables since where is obtained the libraries that are associated to a powerpack displaying the library id, name and description in addition to the powerpack name that they belong to.

Library_id	Library_Name	Description	PowerPack_Name
7	content	content	VMware: vSphere Base Pack
8	content_cache	content_cache	VMware: vSphere Base Pack
37	silo_credentials	silo_credentials	VMware: vSphere Base Pack
49	silo_logs	SL1 logging and log tools.	VMware: vSphere Base Pack
50	silo_credential_tests	This library contains support code for individual credential types in the credential tester.	VMware: vSphere Base Pack
51	silo_core	This library holds the base code for the generic data collection architecture.	VMware: vSphere Base Pack
52	silo_vmware_vsan	VMwareVSAN	VMware: vSphere Base Pack
53	silo_apps	API for ScienceLogic Platform applications.	VMware: vSphere Base Pack
54	silo_vmware	VMware	VMware: vSphere Base Pack

- **# List all the devices discovered**
  - **SELECT** *
    FROM collector_state.V_device

did	name	roa_id	ip	hostname	snmp_cred_id	snmp_w_cred_id	class_type	pid	cug_id	active	dhcp	suppress_mask	auto_clear	log_all	agent_type	agent_prime_backend
1	192.168.10.2	0	192.168.10.2	NULL	0	0	3833	1	1	0	0	00:10:00	1	1	0	NULL

- **#List all UHE messages.**
  - **SELECT** *
  - **FROM** master_logs.system_messages
  - **WHERE** message **LIKE** '%error%'

id	sev	date_edit		message
3	1	2023-06-08 05:34:13.000	1	discover_apps.MainProcess.31121: Error encountered while executing snippet. Error explanation: App: 83, Snippet: 103 threw excep...
4	1	2023-06-08 06:00:40.000	1	11.PoolWorker-2.7976: 1304.1","AID: 1304 [SNIPPET JOURNAL] / DID: 1 did not collect due to a general error, see device logs for m...

- **#List all the DA applications that are currently collecting data.**
  - **SELECT** DAC.app_id, DAC.last_collect, DA.name
  - **FROM** master.dynamic_app_collection DAC, master.dynamic_app DA
  - **WHERE** DAC.app_id = DA.aid
  - **GROUP BY** app_id

DynamicApp_ID	Last_collect	DynamicApp_name
334	2023-06-08 05:40:40	Microsoft: IIS Core Performance
894	2023-06-08 05:40:40	Microsoft: Active Directory Address Book Perfor...
900	2023-06-08 05:40:40	Microsoft: Active Directory Services General Per...
901	2023-06-08 05:40:40	Microsoft: Active Directory DRA Performance
902	2023-06-08 05:40:40	Microsoft: Active Directory Async Thread Queu...
903	2023-06-08 05:40:40	Microsoft: Active Directory Database Performance
1300	2023-06-09 15:45:13	Microsoft: Windows DCM+R Relationship
1302	2023-06-08 05:42:19	Microsoft: Windows Server Interface Configura...
1303	2023-06-08 05:42:19	Microsoft: Windows Server Configuration Cache
1304	2023-06-08 05:41:19	Microsoft: Windows Server Process List
1305	2023-06-09 15:51:13	Microsoft: Windows Server CPU Performance
1306	2023-06-09 15:51:13	Microsoft: Windows Server Performance Cache
1307	2023-06-08 05:40:40	Microsoft: Windows Server Memory Performance
1308	2023-06-08 05:42:19	Microsoft: Windows Server CPU Configuration
1309	2023-06-08 05:40:40	Microsoft: Windows Server Memory Configuration
1310	2023-06-08 05:42:19	Microsoft: Windows Server Software Configurat...
1311	2023-06-08 05:40:40	Microsoft: Windows Server OS Configuration
1312	2023-06-08 05:40:40	Microsoft: Windows Server Disk Configuration
1313	2023-06-09 15:51:13	Microsoft: Windows Server Disk Performance
1314	2023-06-09 15:51:13	Microsoft: Windows Server Interface Performance

- **#List all the collector Units for a Collector group.**

    - **SELECT** scg.cug_name CUGroup_name, mssl.name CU_name, mssl.ip CU_ip, scgc.pid, scgc.cug_id CUG_id
    - **FROM** master.system_collector_groups scg, master.system_collector_groups_to_collectors scgc, master.system_settings_licenses mssl
    - **WHERE** scg.cug_id = scgc.cug_id AND scgc.pid = mssl.id

CUGroup_name	CU_name	CU_ip	pid	CUG_id
CU	CUnonMUD	192.168.10.111	2	1