ONAP TIPS

- Add Cloud, business customer, zone, service and tenant in A&AI
- How to fix missing project and owning entity drop down values in VID "Create Service Instance -- a la carte" window
- How to fix "ALaCarte Service createInstance is not supported by GR_API." error in bpmn-infra while instantiating VNF
- Command to remove old images from docker
- Fail to stop docker containers throwing "unknown error after kill: runc did not terminate sucessfully: container_linux.go:388: signaling init process caused "permission denied""
- Docker Permissions Error (docker.sock has in-accessible permissions)

Add Cloud, business customer, zone, service and tenant in A&AI

```
---------------------------------
CHECK IF COMPLEX OBJECT EXISTS:
---------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/complexes/complex/clli1?depth=3 |
jq .

---------------------------------
INSERT COMPLEX OBJECT:
---------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/complexes/complex/clli1 -X PUT -d
/
'{
  "physical-location-id": "clli1",
  "data-center-code": "example-data-center-code-val-5556",
  "complex-name": "clli1",
  "identity-url": "example-identity-url-val-56898",
  "physical-location-type": "example-physical-location-type-val-7608",
  "street1": "example-street1-val-34205",
  "street2": "example-street2-val-99210",
  "city": "example-city-val-27150",
  "state": "example-state-val-59487",
  "postal-code": "68871",
  "country": "example-country-val-94173",
  "region": "example-region-val-13893",
  "latitude": "example-latitude-val-89101",
  "longitude": "32.89948",
  "elevation": "97.045443",
  "lata": "example-lata-val-46073"
}'
---------------------------------
CHECK IF COMPLEX OBJECT EXISTS:
---------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/complexes/complex/clli1?depth=3 |
jq .


-------------------------------------------------
CHECK IF CLOUD OWNER AND CLOUD REGION OBJECT EXISTS:
-------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud?depth=3 | jq .


-------------------------------------------------
INSERT CLOUD OWNER AND CLOUD REGION OBJECT:
-------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud -X PUT -d \
'{
  "cloud-owner": "CloudOwner",
  "cloud-region-id": "ericssoncloud",
```

```
  "cloud-type": "OPENSTACK",
  "owner-defined-type": "OwnerType",
  "cloud-region-version": "v1",
  "cloud-zone": "CloudZone",
  "availability-zones": {
    "availability-zone": [
      {
        "availability-zone-name": "nova",
        "hypervisor-type": "kvm",
        "operational-status": "available"
      }
    ]
  }
}
' | jq .
--------------------------------------------------
CHECK IF CLOUD OWNER AND CLOUD REGION OBJECT EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud?depth=3 | jq .


--------------------------------------------------
CHECK IF BUSINESS CUSTOMER EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer?
depth=3 | jq .

--------------------------------------------------
INSERT BUSINESS CUSTOMER:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer -X
PUT -d \
'{
  "global-customer-id": "EricssonDemoCustomer",
  "subscriber-name": "EricssonDemoCustomer",
  "subscriber-type": "INFRA",
  "service-subscriptions": {
    "service-subscription": [
      {
        "service-type": "vLB",
        "relationship-list": {
          "relationship": [
            {
              "related-to": "tenant",
              "relationship-label": "org.onap.relationships.inventory.Uses",
              "related-link": "/aai/v14/cloud-infrastructure/cloud-regions/cloud-region/CloudOwner/ericssoncloud
/tenants/tenant/693c7729b2364a26a3ca602e6f66187d",
              "relationship-data": [
                {
                  "relationship-key": "cloud-region.cloud-owner",
                  "relationship-value": "CloudOwner"
                },
                {
                  "relationship-key": "cloud-region.cloud-region-id",
                  "relationship-value": "ericssoncloud"
                },
                {
                  "relationship-key": "tenant.tenant-id",
                  "relationship-value": "693c7729b2364a26a3ca602e6f66187d"
                }
              ],
              "related-to-property": [
                {
                  "property-key": "tenant.tenant-name",
                  "property-value": "admin"
                }
              ]
```

```
            }
          ]
        }
      },
      {
        "service-type": "vCPE",
        "relationship-list": {
          "relationship": [
            {
              "related-to": "tenant",
              "relationship-label": "org.onap.relationships.inventory.Uses",
              "related-link": "/aai/v14/cloud-infrastructure/cloud-regions/cloud-region/CloudOwner/ericssoncloud
/tenants/tenant/693c7729b2364a26a3ca602e6f66187d",
              "relationship-data": [
                {
                  "relationship-key": "cloud-region.cloud-owner",
                  "relationship-value": "CloudOwner"
                },
                {
                  "relationship-key": "cloud-region.cloud-region-id",
                  "relationship-value": "ericssoncloud"
                },
                {
                  "relationship-key": "tenant.tenant-id",
                  "relationship-value": "693c7729b2364a26a3ca602e6f66187d"
                }
              ],
              "related-to-property": [
                {
                  "property-key": "tenant.tenant-name",
                  "property-value": "admin"
                }
              ]
            }
          ]
        }
      }
    ]
  }
}
' | jq .

-----------------------------------------------------
CHECK IF BUSINESS CUSTOMER EXISTS:
-----------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer?
depth=3 | jq .


-----------------------------------------------------
CHECK IF ZONE EXISTS:
-----------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/network/zones/zone/nova?depth=3  | jq .


-----------------------------------------------------
INSERT ZONE:
-----------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/network/zones/zone/nova -X PUT -d \
'{
"zone-id":"nova",
"zone-name":"nova",
"design-type":"integration",
"zone-context":"labs",
"status": "deployed"
}
' | jq .
```

```
--------------------------------------------------
CHECK IF ZONE EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/network/zones/zone/nova?depth=3  | jq .

--------------------------------------------------
CHECK IF SERVICE EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/service-design-and-creation/services/service/f13844f4-
dbf8-4d0e-a979-45204f3ddb4e?depth=3


--------------------------------------------------
INSERT SERVICE:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/service-design-and-creation/services/service/f13844f4-
dbf8-4d0e-a979-45204f3ddb4e -X PUT -d '{"service-id":"f13844f4-dbf8-4d0e-a979-45204f3ddb4e","service-
description":"vCPE"}'

--------------------------------------------------
CHECK IF TENANT EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud/tenants/tenant/693c7729b2364a26a3ca602e6f66187d?depth=3 | jq .

--------------------------------------------------
INSERT TENANT:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud/tenants/tenant/693c7729b2364a26a3ca602e6f66187d -X PUT -d \
'{
  "tenant-id": "693c7729b2364a26a3ca602e6f66187d",
  "tenant-name": "admin"
}' | jq .

--------------------------------------------------
CHECK IF TENANT EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/cloud-infrastructure/cloud-regions/cloud-region
/CloudOwner/ericssoncloud/tenants/tenant/693c7729b2364a26a3ca602e6f66187d?depth=3 | jq .


--------------------------------------------------
CHECK IF SERVICE SUBSCRIPTION EXISTS:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer
/service-subscriptions/service-subscription/vCPE/relationship-list/relationship?depth=3 | jq .


--------------------------------------------------
INSERT SERVICE SUBSCRIPTION:
--------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer
/service-subscriptions/service-subscription/vCPE/relationship-list/relationship -X PUT -d \
'{
        "related-to": "tenant",
        "relationship-label": "org.onap.relationships.inventory.Uses",
        "related-link": "/aai/v14/cloud-infrastructure/cloud-regions/cloud-region/CloudOwner/ericssoncloud
/tenants/tenant/693c7729b2364a26a3ca602e6f66187d",
        "relationship-data": [
          {
            "relationship-key": "cloud-region.cloud-owner",
            "relationship-value": "CloudOwner"
```

```
          },
          {
            "relationship-key": "cloud-region.cloud-region-id",
            "relationship-value": "ericssoncloud"
          },
          {
            "relationship-key": "tenant.tenant-id",
            "relationship-value": "693c7729b2364a26a3ca602e6f66187d"
          }
        ],
        "related-to-property": [
          {
            "property-key": "tenant.tenant-name",
            "property-value": "admin"
          }
        ]
      }

' | jq .

-------------------------------------------------
CHECK IF SERVICE SUBSCRIPTION EXISTS:
-------------------------------------------------
curl  -k --user VID:VID -H "Accept: application/json" -H "Content-Type: application/json" -H "X-TransactionId:
AFR" -H "X-FromAppId: AFR" https://aai.onap:8443/aai/v14/business/customers/customer/EricssonDemoCustomer
/service-subscriptions/service-subscription/vCPE/relationship-list/relationship?depth=3 | jq .
```

How to fix missing project and owning entity drop down values in VID "Create Service Instance -- a la carte" window

Add following entries in `vid-mariadb-galera` database

Steps:

1. Login to `vid-mariadb-galera` database

   ```
   kubectl -n onap exec -it devonap-vid-vid-mariadb-galera-0 bash
   ```

2. Run following command to find database password

   ```
   bash-4.2$ env | grep -i password

   MYSQL_PASSWORD=Kp8bJ4SXszM0WXlhak3eHlcse2gAw84vaoGGmJvUy2U
   MYSQL_ROOT_PASSWORD=secretpassword
   ```

3. Login to MariaDB and connect to `vid_openecomp_epsdk` database

```
bash-4.2$ mysql -uroot -psecretpassword

MariaDB [(none)]>  show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| vid_openecomp_epsdk |
+--------------------+
4 rows in set (0.02 sec)

MariaDB [(none)]> connect vid_openecomp_epsdk
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Connection id:    83013
Current database: vid_openecomp_epsdk

MariaDB [vid_openecomp_epsdk]>
```

4. Insert following entries in `vid_category_parameter_option` table

```
MariaDB [vid_openecomp_epsdk]> select * from vid_category_parameter;
+-------------+-----------------------------+--------------+--------------------------
+---------------------+---------------------+
| CATEGORY_ID | NAME                        | ID_SUPPORTED | FAMILY                    |
CREATED_DATE        | MODIFIED_DATE       |
+-------------+-----------------------------+--------------+--------------------------
+---------------------+---------------------+
|           1 | platform                    |            0 | PARAMETER_STANDARDIZATION | 2017-09-12 17:
01:13 | 2017-09-12 17:01:13 |
|           2 | project                     |            0 | PARAMETER_STANDARDIZATION | 2017-09-12 18:
23:54 | 2017-09-13 15:05:25 |
|           3 | lineOfBusiness              |            0 | PARAMETER_STANDARDIZATION | 2017-09-12 18:
24:14 | 2017-09-12 18:24:15 |
|           4 | owningEntity                |            1 | PARAMETER_STANDARDIZATION | 2017-09-12 18:
24:26 | 2017-09-12 18:24:28 |
|           5 | operational-environment-type |            0 | TENANT_ISOLATION          | 2017-11-12 18:
24:26 | 2017-11-12 18:24:28 |
|           6 | workload-context            |            0 | TENANT_ISOLATION          | 2017-11-12 18:
24:26 | 2017-11-12 18:24:28 |
+-------------+-----------------------------+--------------+--------------------------
+---------------------+---------------------+
6 rows in set (0.01 sec)


MariaDB [vid_openecomp_epsdk]> select * from vid_category_parameter_option;
+--------------------+---------------------+-------+-------------+---------------------
+---------------------+
| CATEGORY_OPT_DB_ID | CATEGORY_OPT_APP_ID | NAME  | CATEGORY_ID | CREATED_DATE        |
MODIFIED_DATE       |
+--------------------+---------------------+-------+-------------+---------------------
+---------------------+
|                 25 | ECOMP               | ECOMP |           6 | 2018-12-06 14:55:12 | 2018-12-06 14:
55:12 |
|                 26 | DEV                 | DEV   |           6 | 2018-12-06 14:55:12 | 2018-12-06 14:
55:12 |
|                 27 | TEST                | TEST  |           6 | 2018-12-06 14:55:12 | 2018-12-06 14:
55:12 |
|                 28 | VNF                 | VNF   |           5 | 2018-12-06 14:55:12 | 2018-12-06 14:
55:12 |
+--------------------+---------------------+-------+-------------+---------------------
+---------------------+


MariaDB [vid_openecomp_epsdk]> SHOW COLUMNS FROM vid_category_parameter_option;
+---------------------+-------------+------+-----+-------------------+----------------+
| Field               | Type        | Null | Key | Default           | Extra          |
+---------------------+-------------+------+-----+-------------------+----------------+
| CATEGORY_OPT_DB_ID  | int(11)     | NO   | PRI | NULL              | auto_increment |
| CATEGORY_OPT_APP_ID | varchar(50) | NO   |     | NULL              |                |
| NAME                | varchar(50) | YES  |     | NULL              |                |
| CATEGORY_ID         | int(11)     | NO   | MUL | 0                 |                |
| CREATED_DATE        | timestamp   | NO   |     | CURRENT_TIMESTAMP |                |
| MODIFIED_DATE       | timestamp   | NO   |     | CURRENT_TIMESTAMP |                |
+---------------------+-------------+------+-----+-------------------+----------------+


INSERT INTO vid_category_parameter_option (CATEGORY_OPT_APP_ID, NAME, CATEGORY_ID) VALUES ('oe_1',
'oe_2', 4);
INSERT INTO vid_category_parameter_option (CATEGORY_OPT_APP_ID, NAME, CATEGORY_ID) VALUES
('PLATFORM_APP_ID_1', 'PLATFORM_NAME_1', 1);
```

How to fix "`ALaCarte Service createInstance is not supported by GR_API.`" error in bpmn-infra while instantiating VNF

1. Login into SO Mariadb

```
root@esy22-rancher:~# kubectl -n onap get pods | grep mariadb-galera
dev-mariadb-galera-mariadb-galera-0                          1/1     Running            0          10d
dev-mariadb-galera-mariadb-galera-1                          1/1     Running            0          10d
dev-mariadb-galera-mariadb-galera-2                          1/1     Running            0          10d
dev-vid-vid-mariadb-galera-0                                 1/1     Running            0          2d22h
root@esy22-rancher:~# kubectl -n onap exec -it  dev-mariadb-galera-mariadb-galera-0 bash
bash-4.2$
```

2. login to database and connect to `catalogdb`

```
bash-4.2$ env | grep -i password
MYSQL_PASSWORD=my-password
MYSQL_ROOT_PASSWORD=secretpassword
bash-4.2$ mysql -uroot -psecretpassword
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 188369
Server version: 10.1.24-MariaDB MariaDB Server

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> connect catalogdb;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Connection id:    188371
Current database: catalogdb

MariaDB [catalogdb]>
```

3. Change SERVICE_TYPE Null value to *

```
MariaDB [catalogdb]> select * from northbound_request_ref_lookup;
+-----+------------------+----------------------------------+-------------------------+-------------
+----------------+----------------+----------------+-------------+-------------+
| id  | REQUEST_SCOPE    | MACRO_ACTION                     | ACTION                  | IS_ALACARTE |
MIN_API_VERSION | MAX_API_VERSION | IS_TOPLEVELFLOW | CLOUD_OWNER | SERVICE_TYPE |
+-----+------------------+----------------------------------+-------------------------+-------------
+----------------+----------------+----------------+-------------+-------------+
|  86 | Service          | Service-Create                   | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
|  89 | Service          | Service-Delete                   | deleteInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
|  92 | Service          | Service-Macro-Assign             | assignInstance          |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
|  95 | Service          | Service-Macro-Activate           | activateInstance        |           0
|               5 |              7 |               1 | CloudOwner  | NULL        |
|  98 | Service          | Service-Macro-Unassign           | unassignInstance        |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 101 | Service          | Service-Macro-Create             | createInstance          |           0
|               5 |              7 |               1 | CloudOwner  | NULL        |
| 104 | Service          | Service-Macro-Delete             | deleteInstance          |           0
|               5 |              7 |               1 | CloudOwner  | NULL        |
| 107 | Network          | Network-Create                   | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 110 | Network          | Network-Delete                   | deleteInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 113 | Vnf              | VNF-Macro-Recreate               | recreateInstance        |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 116 | Vnf              | VNF-Macro-Replace                | replaceInstance         |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 119 | Vnf              | VNF-Create                       | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 122 | Vnf              | VNF-Delete                       | deleteInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 125 | VolumeGroup      | VolumeGroup-Create               | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 128 | VolumeGroup      | VolumeGroup-Delete               | deleteInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 131 | VfModule         | VFModule-Create                  | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 134 | VfModule         | VFModule-Delete                  | deleteInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 137 | NetworkCollection | NetworkCollection-Macro-Create   | createInstance          |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 140 | NetworkCollection | NetworkCollection-Macro-Delete   | deleteInstance          |           0
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 143 | VfModule         | VFModule-ScaleOut                | createInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 146 | VfModule         | VFModule-DeactivateAndCloudDelete | deactivateAndCloudDelete |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
| 149 | Service          | Service-Macro-Deactivate         | deactivateInstance      |           0
|               5 |              7 |               1 | CloudOwner  | NULL        |
| 152 | Network          | Network-Update                   | updateInstance          |           1
|               7 |              7 |               1 | CloudOwner  | NULL        |
+-----+------------------+----------------------------------+-------------------------+-------------
+----------------+----------------+----------------+-------------+-------------+
23 rows in set (0.00 sec)

MariaDB [catalogdb]> UPDATE northbound_request_ref_lookup set SERVICE_TYPE='*';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 23  Changed: 0  Warnings: 0
```

Command to remove old images from docker

```
docker images | grep " [1 days ago|months|weeks]* ago" | awk '{print $3,$4,$5}' | xargs docker rmi --force $3
```

Fail to stop docker containers throwing "unknown error after kill: runc did not terminate sucessfully: container_linux.go:388: signaling init process caused "permission denied""

if docker compose down is throwing below error on Ubuntu machine run below to fix it see https://stackoverflow.com/questions/50482315/docker-compose-down-fails-due-to-permission-denied

```
sudo aa-remove-unknown
```

Docker Permissions Error (docker.sock has in-accessible permissions)

If you are running into file permission issues when attempting to use any Docker commands, then it could be due to the file permissions of some Docker files.

Running the following command fixes the most common issue:

Docker File Permission Fix
`sudo chmod 777 /var/run/docker.sock`