Check certs validity

cd /var/lib/docker/volumes/ucp-node-certs/\_data  
openssl x509 -in ca.pem -text  
openssl x509 -in cert.pem -text  
openssl ec -in key.pem -text  
  
cd /var/lib/docker/swarm/certificates  
openssl x509 -in swarm-root-ca.crt -text  
openssl x509 -in swarm-node.crt -text

Clean up and add node-

# Stop all of the running docker containers on the impacted node:

docker stop $(docker ps -a -q)

# Perform the cleanup procedure on containers, services, and volumes on the impacted node.

docker rm $(docker ps -aq)

docker volume rm $(docker volume ls)

docker service rm $(docker service ls -q)

# Perform a system prune using the Docker CLI

docker system prune -af

# Stop the Docker and Containerd Daemons.

sudo systemctl stop docker

sudo systemctl stop containerd

# Verify that the Daemons are stopped: under (dead) status.

sudo systemctl status docker

sudo systemctl status containerd

# Remove the following directories from the impacted node

rm -rf /var/lib/docker/\*

rm -rf /run/docker/\*

rm -rf /etc/cni/\*

rm -rf /etc/containerd/\*

rm -rf /opt/cni/\*

rm -rf /opt/containerd/\*

rm -rf /var/lib/containerd/\*

rm -rf /var/lib/kubelet/\*

rm -rf /var/lib/docker-engine/\*

rm -rf /var/log/containers/\*

rm -rf /var/lib/dockershim/\*

if you have an issue or encounter an issue with removing particular directories you may have to unmount this

What you will probably see if you have a file or directory that is system mounted:

rm: cannot remove '/run/docker/netns/default' : Device or resource busy

# How you can deal with the issue:

umount -f /run/docker/netns/default

# Start the Docker Daemon (NOTE: CONTAINERD DAEMON SHOULD START AUTOMATICALLY WITH START OF DOCKER DAEMON)

sudo systemctl start docker

sudo systemctl status docker

sudo systemctl status containerd

# Login to docker hub and or load images needed.

wget <https://s3.amazonaws.com/packages.mirantis.com/caas/ucp_images_3.3.1.tar.gz>

docker load -i ucp\_images\_3.3.1.tar.gz

# CREATE JOIN TOKEN FROM MANAGER NODE WITH MKE 3.3.1

docker swarm join-token worker

# The output should look similar to what is depicted below:

docker swarm join \

--token SWMTKN-1-3pu6hszjas19xyp7ghgosyx9k8atbfcr8p2is99znpy26u2lkl-1awxwuwd3z9j1z3puu7rcgdbx \

172.17.0.2:2377