Docker Assignment 7

1. In Docker, where are docker volumes stored?

The volumes are stored on the host, independent of the container life cycle.

1. What is the purpose of the docker info command?

displays system wide information regarding the Docker installation

1. What are the minimum system requirements for Docker to run?

BIOS-level hardware virtualization support must be enabled.

1. What are the most widely utilized Dockerfile instructions?

FROM, RUN, COPY, ADD, WORKDIR

1. When using docker-compose, how will you ensure that container 1 runs before container 2? Also, could you provide a sample Yaml example file?

version: "2.4"

services:

backend:

build: .

depends\_on:

- db

db:

image: postgres

1. How can I utilise Docker to run several applications in a single environment?

using namespace

1. What are the System commands for controlling Docker?

run, start, stop, build, pull, export, commit,..

1. How do you scale your Docker containers, and what command do you use to do so?

**docker-compose --file docker-compose-run-oms.yml scale tibco-fom-oms=3**

1. What exactly is CNM?

Container Network Interface (CNI) is a framework for dynamically configuring networking resources.

1. Explain what some of the more complex Docker commands do.

build, upgrade

1. How do Docker object labels work?

the –-label flag is used to set labels