Docker Assignment 6

1. What is the .dockerignore file's purpose?

dockerignore file is used to ignore files and folders when you try to build a Docker Image

1. How necessary is it to create a cache in Docker?

Using a cache of a previous build on the host is a great time-saver.

1. What is the significance of docker monitoring?

Detect and solve issues early and proactively to avoid risks in production.

1. Differences between Windows and Hyper-V Containers

Hyper-V containers are still using Windows containers within the VM. The only difference is the Windows container is now running inside a Hyper-V VM which provides kernel isolation and separation of the host patch/version level from that used by the application.

1. How do I use docker-compose to declare default environment variables?

${SOME\_VAR\_NAME}

1. What is the trusted registry for Docker?

Docker Trusted Registry (DTR) is the enterprise-grade image storage solution from Docker

1. How do you determine the version of the Docker client and server?

docker version

1. Can you tell the difference between the COPY and ADD commands in a Dockerfile?

COPY takes in a src and destination. It only lets you copy in a local or directory from your host into the Docker image itself. ADD lets you do that too, but it also supports downloading, extracting.

1. Is it possible for a container to restart on its own?

Yes

1. What is the volume parameter in a docker run command used for?

to back up data and share file systems between containers easily