Docker

1. Setup repository for docker

Command: dnf config-manager –add-repo https://download.docker.com/linux/fedora/docker-ce.repo

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1. Install docker components and tools

Command: dnf install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

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1. Start docker using systemctl command and verify using the helloworld docker image (builin).

Command: systemctl start docker; docker run hello-world

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1. Pull nginx:alpine image into docker

Command: docker pull nginx:alpine

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1. Create our own docker file for nginx container.

Command: docker images

In /opt dir: vi dockerfile

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1. Create index.html

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Description automatically generated

A computer screen with white text

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1. Build dockerfile

Command: docker build -t simple-nginx .

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1. Run image and test the browser

Command: docker run –rm -it -p 8080:80 simple-nginx

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