

CN100-M2: Creating Container Images

- Describe the filesystem structure underlying an image
- Create images via several methods
- Identify core Dockerfile commands

Lab Topics

Interactive Image Creation:

- Create a container image from a running Docker container.
- Inspect filesystem changes in a container image.

Creating Images with Dockerfiles:

- Write a Dockerfile using the FROM and RUN commands
- Build an image from a Dockerfile
- Anticipate which image layers will be fetched from the cache at build time
- Fetch build history for an image
- Define a default process for an image to containerize by using the ENTRYPOINT or CMD Dockerfile commands
- Understand the differences and interactions between ENTRYPOINT and CMD
- Ensure that a containerized process doesn't run as root by default.