1. Image Commands

docker images / docker image Is - List images

docker pull <image> - Download image from Docker Hub

docker build -t <name>:<tag> . - Build image from Dockerfile

docker tag <image> <repo>:<tag> - Tag an image

docker push <image> - Push to Docker registry

docker rmi <image> - Remove image

docker image prune -f - Remove dangling images

docker save -o <file>.tar <image> - Save image to tar file

docker load -i <file>.tar - Load image from tar file

docker history <image> - Show image layers

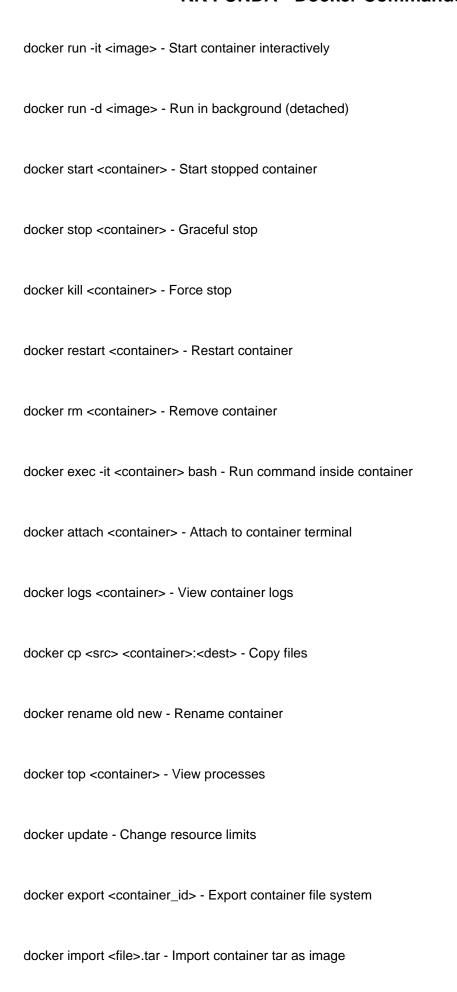
docker inspect <image> - Image metadata

docker commit <container> <image> - Create image from container

2. Container Commands

docker ps - Show running containers

docker ps -a - Show all containers



3. Volume Commands

docker volume create <name> - Create volume

docker volume Is - List volumes

docker volume inspect <name> - Volume details

docker volume rm <name> - Remove volume

docker volume prune - Remove unused volumes

4. Network Commands

docker network Is - List networks

docker network create <name> - Create network

docker network inspect <name> - Network details

docker network connect <net> <container> - Connect container

docker network disconnect <net> <container> - Disconnect

docker network rm <name> - Remove network

docker network prune - Remove unused

5. Docker System Management

docker system df - Disk usage by Docker

docker system prune -a - Remove all unused objects
docker info - Show Docker system info
docker version - Docker version
docker stats - Real-time container stats
docker login - Authenticate with Docker registry
docker logout - Logout from Docker registry
6. Dockerfile Keywords
FROM - Base image
RUN - Command at build time
CMD - Default command to run
ENTRYPOINT - Executable container
COPY - Copy files to image
ADD - Like COPY + auto-extract
WORKDIR - Set working directory
ENV - Set environment variables
EXPOSE - Expose port

VOLUME - Define mount point

USER - Set default user

LABEL - Metadata for image