

Commands	Description
docker --version	Show the Docker version installed.
docker info	Display system-wide information.
docker login	Log in to a Docker registry.
docker pull <image>	Pull an image from a registry.
docker push <image>	Push an image to a registry.
docker images	List all images on the local system.
docker rmi <image>	Remove an image.
docker build -t <image> <path>	Build an image from a Dockerfile.
docker run <image>	Create and start a container from an image.
docker run -d <image>	Run a container in detached mode.
docker run -it <image> /bin/bash	Run a container interactively with a terminal.
docker ps	List running containers.
docker ps -a	List all containers, including stopped ones.
docker stop <container>	Stop a running container.
docker start <container>	Start a stopped container.
docker restart <container>	Restart a running container.
docker rm <container>	Remove a container.
docker exec -it <container> /bin/bash	Access a running container.
docker logs <container>	Fetch the logs of a container.
docker inspect <container>	Display detailed information about a container.
docker cp <container>:<path> <host_path>	Copy files from a container to the host.
docker cp <host_path> <container>:<path>	Copy files from the host to a container.
docker commit <container> <new_image>	Create a new image from a container's changes.
docker tag <source_image> <target_image>	Tag an image with a new name.

docker network ls	List all networks.
docker network create <network_name>	Create a new network.
docker network connect <network> <container>	Connect a container to a network.
docker network disconnect <network> <container>	Disconnect a container from a network.
docker volume ls	List all volumes.
docker volume create <volume_name>	Create a new volume.
docker volume rm <volume_name>	Remove a volume.
docker-compose up	Create and start containers defined in a docker-compose.yml file.
docker-compose down	Stop and remove containers defined in a docker-compose.yml file.
docker-compose build	Build or rebuild services defined in a docker-compose.yml file.
docker-compose logs	View output from containers defined in a docker-compose.yml file.
docker-compose ps	List containers defined in a docker-compose.yml file.
docker-compose exec <service> /bin/bash	Execute a command in a running container defined in a docker-compose.yml file.
docker-compose pull	Pull service images defined in a docker-compose.yml file.
docker-compose start	Start services defined in a docker-compose.yml file.
docker-compose stop	Stop services defined in a docker-compose.yml file.
docker run -p <host_port>:<container_port> <image>	Map a single port from the container to the host.
docker run -p <host_ip>:<host_port>:<container_port> <image>	Map a single port from the container to a specific IP address on the host.

docker run -p <host_port>:<container_port>/udp <image>	Map a UDP port from the container to the host.
docker run -p <host_ip>:<host_port>:<container_port>/udp <image>	Map a UDP port from the container to a specific IP address on the host.
docker run -P <image>	Map all exposed ports from the container to random ports on the host.