



Docker Command Cheat Sheet



Docker Lifecycle Commands

Command	Use
1. <code>docker create</code>	Create a new container
2. <code>docker run</code>	Creates a docker container from docker image
3. <code>docker pause</code>	To pause a running container
4. <code>docker unpause</code>	To unpause a running container
5. <code>docker stop</code>	To stop a docker container
6. <code>docker start</code>	To start a docker container
7. <code>docker restart</code>	To restart docker container
8. <code>docker attach</code>	Attach Terminal to Running container
9. <code>docker wait</code>	Block until one or more containers stop, then print their exit codes
10. <code>docker rm</code>	To remove the Docker Container, stop it first and then remove it
11. <code>docker kill</code>	To stop and remove Docker containers

Docker Image Commands

Comman	Us
1. <code>docker build</code>	To build Docker Image from Dockerfile
2. <code>docker pull</code>	To pull Docker Image from Docker Hub Registry
3. <code>docker tag</code>	To add Tag to Docker Image
4. <code>docker images</code>	To list Docker Images
5. <code>docker push</code>	To push Docker Images to
6. <code>docker history</code>	To show history of Docker Image
7. <code>docker inspect</code>	To show complete information in JSON format
8. <code>docker save</code>	To save an existing Docker Image
9. <code>docker import</code>	Create Docker Image from Tarball
10. <code>docker export</code>	To export existing Docker
11. <code>docker load</code>	To load Docker Image from file or archives
12. <code>docker rmi</code>	To remove docker images

Docker Compose Commands

Command	Use
1. <code>docker-compose build</code>	To build docker compose file
2. <code>docker-compose up</code>	To run docker compose file
3. <code>docker-compose ls</code>	To list docker images declared inside docker compose file
4. <code>docker-compose start</code>	To start containers which are already created using docker compose file
5. <code>docker-compose run</code>	To run one one of application inside docker-compose.yml
6. <code>docker-compose rm</code>	To remove docker containers from docker compose
7. <code>docker-compose ps</code>	To check docker container status inside compose

Docker Networking Commands

Command	Use
1. <code>docker network create</code>	To create docker network
2. <code>docker network ls</code>	To list docker networks
3. <code>docker network inspect</code>	To view network configuration details

Docker Prune Commands

Docker Basic Commands

Command	Use
1. <code>docker</code>	To check all available Docker Commands
2. <code>docker version</code>	To show Docker version
3. <code>docker info</code>	Displays system wide information
4. <code>docker pull</code>	To pull the docker Images from Docker Hub Repository
5. <code>docker build</code>	To Docker Image from Dockerfile
6. <code>docker run</code>	Run a container from a docker
7. <code>docker commit</code>	To commit a changes in container file OR create new Docker Image
8. <code>docker ps</code>	List all the running containers. Add the -a flag to list all the containers.
9. <code>docker start</code>	To start a docker container
10. <code>docker stop</code>	To stop a docker container
11. <code>docker logs</code>	To view Logs for a Docker Container
12. <code>docker rename</code>	To rename Docker Container
13. <code>docker rm</code>	To remove the Docker Container, stop it first

Docker Container Commands

Comman	Us
1. <code>docker start</code>	To start a Docker container
2. <code>docker stop</code>	To stop a running docker container
3. <code>docker restart</code>	To restart docker container
4. <code>docker pause</code>	To pause a running container
5. <code>docker unpause</code>	To unpause a running container
6. <code>docker run</code>	Creates a docker container from docker image
7. <code>docker ps</code>	To list Docker containers
8. <code>docker exec</code>	To Access the shell of Docker Container
9. <code>docker logs</code>	To view Logs for a Docker Container
10. <code>docker rename</code>	To rename Docker Container
11. <code>docker rm</code>	To remove Docker container
12. <code>docker inspect</code>	Docker container info command
13. <code>docker attach</code>	Attach Terminal to Running container
14. <code>docker kill</code>	To stop and remove Docker containers
15. <code>docker cp</code>	To copy files or folders between a container and from local filesystem.

Docker Volume Commands

Command	Use
1. <code>docker volume create</code>	To create docker volume
2. <code>docker volume inspect</code>	To inspect docker volume
3. <code>docker volume rm</code>	To remove docker volume

Docker Logs and Monitoring Commands

Command	Use
1. <code>docker ps -a</code>	To show running and stopped containers
2. <code>docker logs</code>	To show Docker container logs
3. <code>docker events</code>	To get all events of docker container
4. <code>docker top</code>	To show running process in docker container
5. <code>docker stats</code>	To check cpu, memory and network I/O usage
6. <code>docker port</code>	To show docker containers public ports

Command	Use
1. <code>docker search</code>	To search docker image
2. <code>docker pull</code>	To pull image from docker hub
3. <code>docker login</code>	To Log in to a Docker registry
4. <code>docker push</code>	Push an image or a repository to a registry
5. <code>docker tag</code>	Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
6. <code>docker logout</code>	To logout from Docker Hub Registry

Command	Use
1.docker system prune	To clean all resources which are dangling or not associated with any docker containers To remove Dangling Docker images To remove all unused docker containers To remove all unused docker volumes To remove all
2.docker image prune	
3.docker container prune	
4.docker volume prune	
5.docker network prune	

Command	Use
1. docker search	To search docker image
2. docker pull	To pull image from docker hub
3. docker login	To Log in to a Docker registry
4. docker push	Push an image or a repository to a registry
5. docker tag	Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
6. docker logout	To logout from Docker Hub Registry