

Docker Swarm Commands Cheat Sheet

Frequently-used Docker swarm commands in one place.

In this lesson, we will create a table of all the commands we have used in this section. This will provide a faster reference to the commands. Let's create a table of commands then below.

Command	Options	Explanation
<code>docker swarm init</code>		<i>Makes the current machine a swarm node</i>
<code>docker swarm leave</code>	<code>-f</code>	<i>Removes the current node from a swarm cluster. The <code>-f</code> is used to force a manager node to leave a swarm cluster</i>
<code>docker service create</code> <code><image name></code>	<code>-p</code> , <code>--env_file</code> , <code>--name</code> , <code>mount</code>	<i>Creates a service from an image. <code>-p</code> is used to map a host port to a service's tasks ports.</i>
<code>docker network create</code> <code><name></code>	<code>--driver</code>	<i>Creates a new network. <code>--driver</code> specifies which driver to use for the network</i>
<code>docker service update</code> <code>[Options] <service ID></code>	<code>--network-add</code>	<i>Updates existing service. You can attach a new network using the <code>--network-add</code> option.</i>
<code>docker service</code>		<i>A quick documentation</i>

<code>[Command] --help</code>		<i>of every command</i>
<code>docker service ls</code>		<i>Lists all the services running on the current node</i>
<code>docker service scale <service Id>=<replica number></code>		<i>Scales services up and down using the replica numbers</i>
<code>docker stack deploy <stack name></code>	<code>--compose-file</code>	<i>Deploys a new stack of services using a compose file. <code>--compose-file</code> specifies the compose-file to be used.</i>
<code>docker stack ls</code>		<i>Provides information about the current stack</i>
<code>docker stack ps <stack_name></code>		<i>Lists all the tasks or containers of a stack</i>
<code>docker stack services <stack name></code>		<i>Lists all the services in the stack</i>
<code>docker stack rm <stack name></code>		<i>Removes specified stack from swarm</i>
<code>..</code>		