<https://www.digitalocean.com/community/questions/how-to-ping-docker-container-from-another-container-by-name>

Yes this now comes more or less out of the box with Docker Networks, so what you need to do is:

* Create two containers:

docker run -d --name web1 -p 8001:80 eboraas/apache-php

docker run -d --name web2 -p 8002:80 eboraas/apache-php

* **Important note**: it is very important to **explicitly specify a name** with --name for your containers otherwise I’ve noticed that it would not work with the random names that Docker assigns to your containers.
* Then create a new network:

docker network create myNetwork

* After that connect your containers to the network:

docker network connect myNetwork web1

docker network connect myNetwork web2

* Check if your containers are part of the new network:

docker network inspect myNetwork

* Then test the connection:

docker exec -ti web1 ping web2