



Last login: Sat Mar 22 18:44:56 on ttys000

alveera@Alveeras-MacBook ~ % docker network create my_bridge

51ff8fb6eaf05d624fcf57ca2dbbb83fec4c1fa2068d5276388b7b6d321ff730

alveera@Alveeras-MacBook ~ % docker network ls

NETWORK ID	NAME	DRIVER	SCOPE
9bf16280c1b2	bridge	bridge	local
5fa275edde1f	host	host	local
51ff8fb6eaf0	my_bridge	bridge	local
5d662f36ceb3	my_bridge_network	bridge	local
937b5dc9dbe4	mysql-network	bridge	local
bf16901b22b8	none	null	local

alveera@Alveeras-MacBook ~ % docker run -dit --name container1 --network my_bridge alpine sh

docker run -dit --name container2 --network my_bridge alpine sh

febc43510c8b6af1ef741289d8a43aab819f4300180b3a4b2eb7ba64ff794d0

4221736d3b809c721dbbf239038a55d8525a1eb974922835bd5d126fd8e25210

alveera@Alveeras-MacBook ~ % docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
4221736d3b80	alpine	"sh"	4 seconds ago	Up 4 seconds
febc43510c8	alpine	"sh"	4 seconds ago	Up 4 seconds
b756ee3ee570	volume-test	"python app.py"	25 minutes ago	Up 25 minutes

0.0.0.0:5001->5000/tcp my_volume_test

alveera@Alveeras-MacBook ~ % docker exec -it container1 sh

/ # ping container2 -c 4

PING container2 (172.20.0.3): 56 data bytes

64 bytes from 172.20.0.3: seq=0 ttl=64 time=0.445 ms

64 bytes from 172.20.0.3: seq=1 ttl=64 time=0.247 ms

64 bytes from 172.20.0.3: seq=2 ttl=64 time=0.218 ms

64 bytes from 172.20.0.3: seq=3 ttl=64 time=0.272 ms

--- container2 ping statistics ---

4 packets transmitted, 4 packets received, 0% packet loss

round-trip min/avg/max = 0.218/0.295/0.445 ms

/ # exit

alveera@Alveeras-MacBook ~ % docker run -dit --name isolated_container alpine sh

docker exec -it isolated_container sh

ping container1 -c 4

42a8c084cc8c95a9e4d70d6316f8da2f684afaa2ca521f9b721ec5a51b77c48d

/ # exit

ping: cannot resolve container1: Unknown host