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kshitzsaini113@kshitzsaini113-rhel-~  
File Edit View Search Terminal Help  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker network ls  
NETWORK ID          NAME                DRIVER              SCOPE  
2a02c07fc233        bridge             bridge              local  
eff251f28336        host               host                local  
247f5e6e9c6e        none              null                local  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker network create net1  
a88fc80a150cc8bb74a16fecf506d21911abd126c9e3f041eale46c5d135d1d4  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker network ls  
NETWORK ID          NAME                DRIVER              SCOPE  
2a02c07fc233        bridge             bridge              local  
eff251f28336        host               host                local  
a88fc80a150c        net1               bridge              local  
247f5e6e9c6e        none              null                local  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ █
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kshitzsaini113@kshitzsaini113-rhel-~  
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(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -d --name=cont1 --net=net1 alpine  
7a593998dd865aa68be6055603aed7733bebb47459f4f20c4489a4dc60d7e01  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -d --name=cont2 --net=net1 alpine ping  
3a6e28f7b5810f79320e6eaba491c83bb038bd65132dedec62138e021990ff4a  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker ps  
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker ps -a  
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES  
3a6e28f7b581        alpine             "ping"             12 seconds ago     Exited (1) 11 seconds ago              cont2  
7a593998dd86        alpine             "/bin/sh"          35 seconds ago     Exited (0) 34 seconds ago              cont1  
f710e1c3a40b        ubuntu             "/bin/bash"        5 minutes ago      Exited (0) About a minute ago          quizzical_allen  
b6cfce5f5731        alpine             "/bin/sh"          7 minutes ago      Exited (0) 6 minutes ago              objective_burnell  
abb68e480b5a        kshitzsaini113/dockertest  "/bin/bash"        2 days ago         Exited (0) 2 days ago              friendly_carson  
01cb415d4731        centos             "/bin/bash"        2 days ago         Exited (0) 2 days ago              adoring_borg  
825373b00ccd        2ea56839854a      "/bin/bash"        2 days ago         Exited (0) 2 days ago              musing_swirles  
2a5bb18215ce        2ea56839854a      "/bin/bash"        2 days ago         Exited (0) 2 days ago              flamboyant_goldwa  
s8er  
49247af7dac7        1afcf5403f4e      "ls /bin/bash"     2 days ago         Exited (0) 2 days ago              serene_matsumoto  
7bc94283430f        1afcf5403f4e      "ls bash"          2 days ago         Exited (2) 2 days ago              practical_curie  
5f4200db89d0        1afcf5403f4e      "ls /bin/bash"     2 days ago         Exited (0) 2 days ago              laughing_cori  
0b8d2ef225da        1afcf5403f4e      "ls"               2 days ago         Exited (0) 2 days ago              relaxed_nightingale  
d1d0d7b6c8e0        centos             "/bin/bash"        2 weeks ago        Exited (0) 2 weeks ago              practical_keller  
50c5f3344c5b        redis             "docker-entrypoint.s..." 2 weeks ago        Exited (255) 2 weeks ago              affectionate_blackburn  
kburn  
02281f17f721        redis             "docker-entrypoint.s..." 2 weeks ago        Exited (255) 2 weeks ago              lucid_proskuriako  
va  
02b325a5ae7c        centos             "/bin/bash"        6 weeks ago        Exited (0) 6 weeks ago              reverent_keldysh  
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ █
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kshitzsaini113@kshitzsaini113-rhel-
File Edit View Search Terminal Help
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -d --name=cont3 --net=net1 redis
74bb3b3673e0775bca403cb7bf009a717f8175bb8621ecbe6ea5387d88317bdc
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
74bb3b3673e0   redis         "docker-entrypoint.s..." 4 seconds ago  Up 3 seconds  6379/tcp     cont3
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -d --name=cont4 --net=net1 redis ping cont3
unknown shorthand flag: 'n' in -net=net1
See 'docker run --help'.
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -it --name=cont4 --net=net1 redis ping cont3
/usr/local/bin/docker-entrypoint.sh: 16: exec: ping: not found
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -it --name=cont5 --net=net1 ubuntu ping cont3
docker: Error response from daemon: OCI runtime create failed: container_linux.go:348: starting container process caused "exec: \"ping\": executable file not found in $PATH": unknown.
ERROR[0000] error waiting for container: context canceled
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -it --name=cont4 --net=net1 centos ping cont3
docker: Error response from daemon: Conflict. The container name "/cont4" is already in use by container "7494e91f896a885eb9167ec3d342c7f2139ead56603c259426da71036122103a". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
(base) [kshitzsaini113@kshitzsaini113-rhel ~]$ docker run -it --name=cont6 --net=net1 centos ping cont3
PING cont3 (172.18.0.2) 56(84) bytes of data.
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=1 ttl=64 time=0.100 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=2 ttl=64 time=0.070 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=3 ttl=64 time=0.065 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=4 ttl=64 time=0.060 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=5 ttl=64 time=0.341 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=6 ttl=64 time=0.111 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=7 ttl=64 time=0.081 ms
64 bytes from cont3.net1 (172.18.0.2): icmp_seq=8 ttl=64 time=0.138 ms

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