

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**Dehradun**

# Docker

**Experiment**

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**Course: B. TECH CSE DevOps (2018-22)**

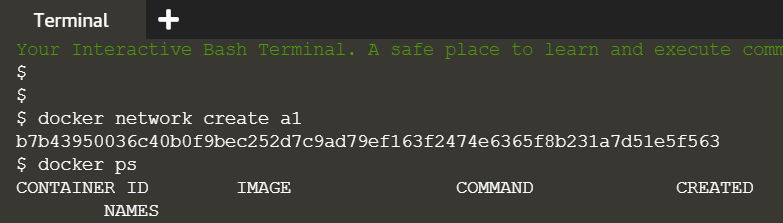
**Roll no.: R171218045**

**Sapid: 500068580**

**Experiment- 3**

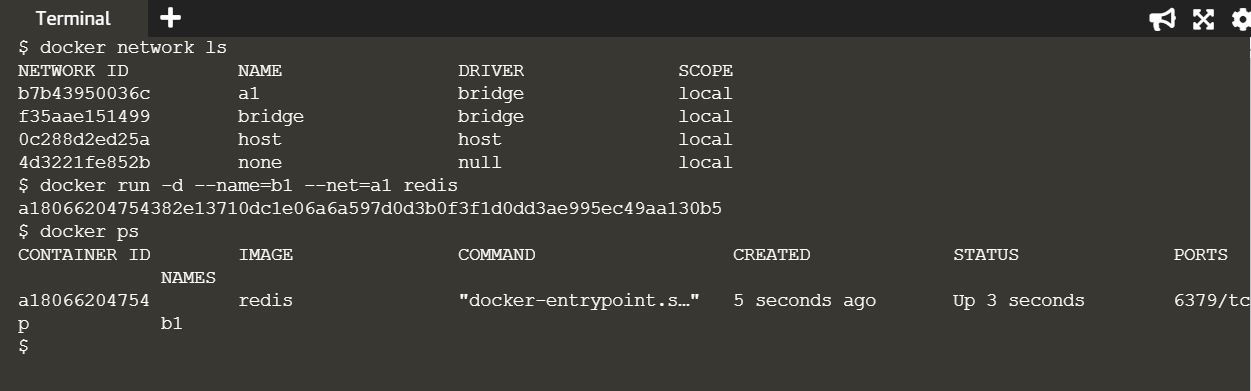
Check if any container is running

Run command – $ docker ps



Creating a container

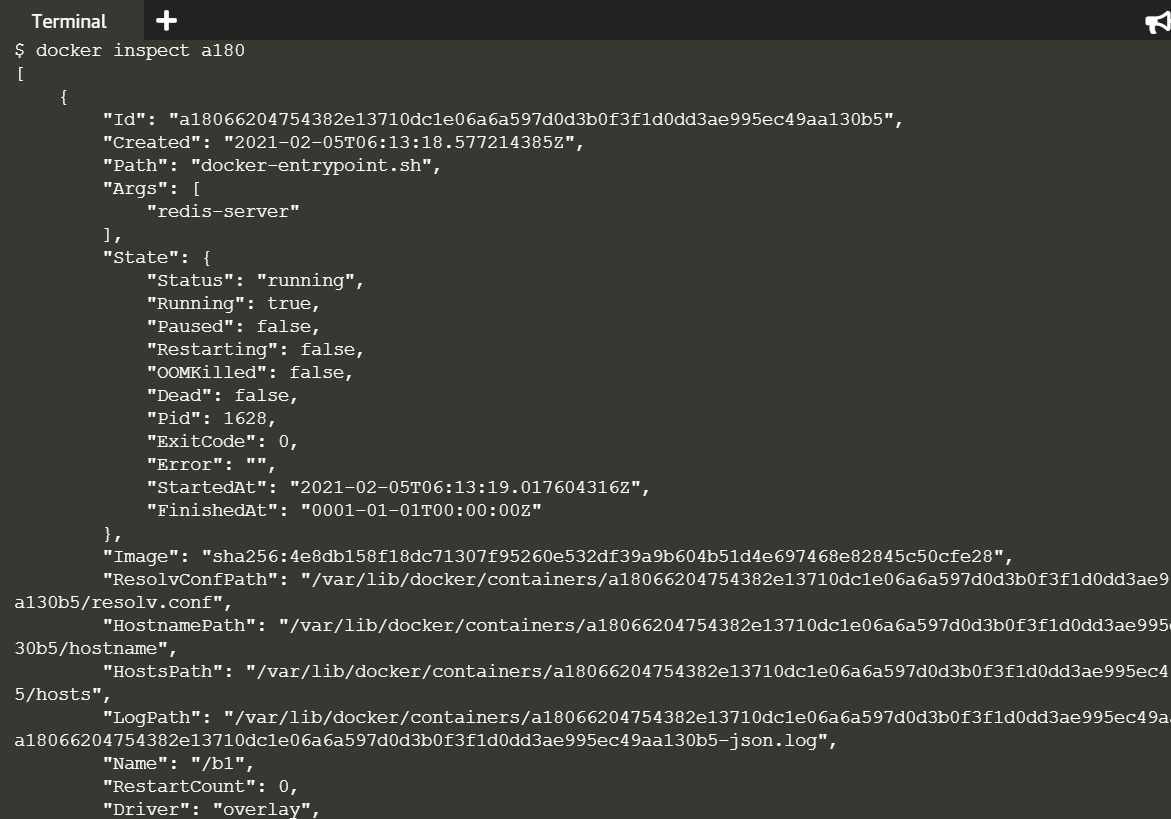
Run command – $ docker run –d –name=b1 –net=a1 redis



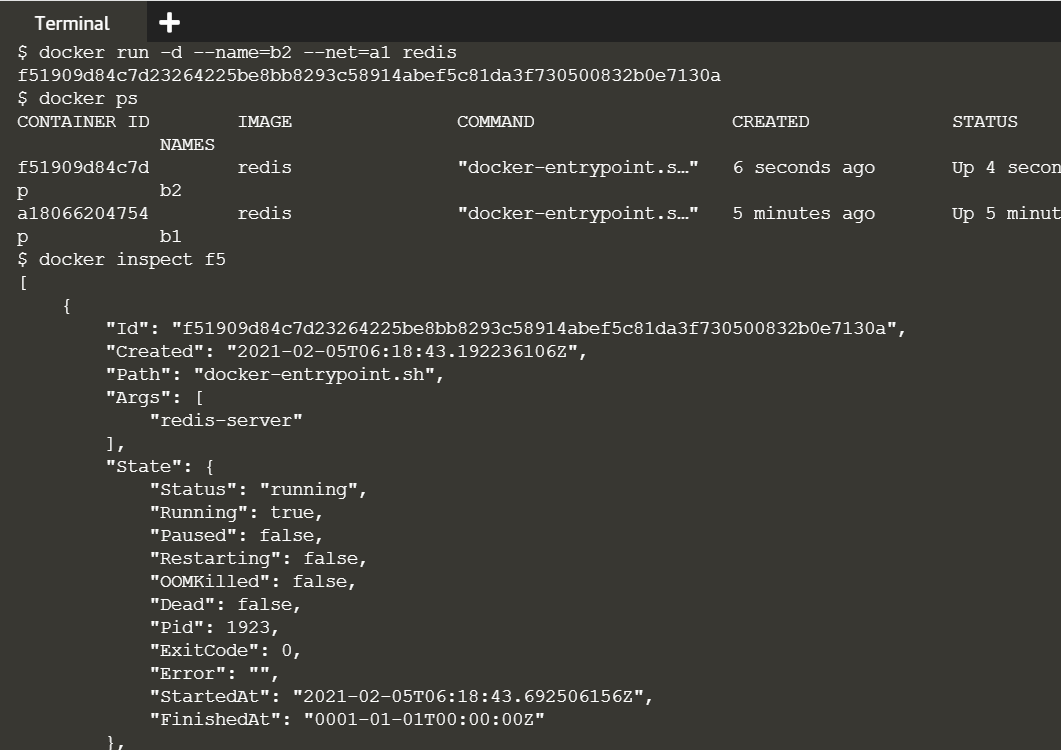
To check IP address

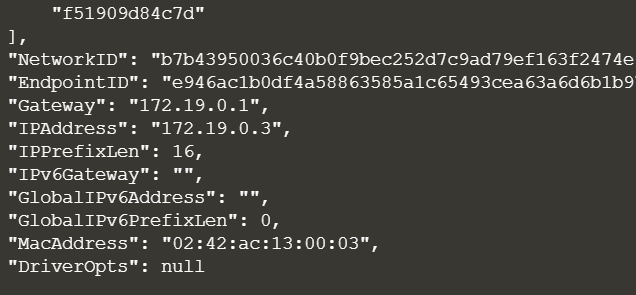
Run command - $ docker inspect a180

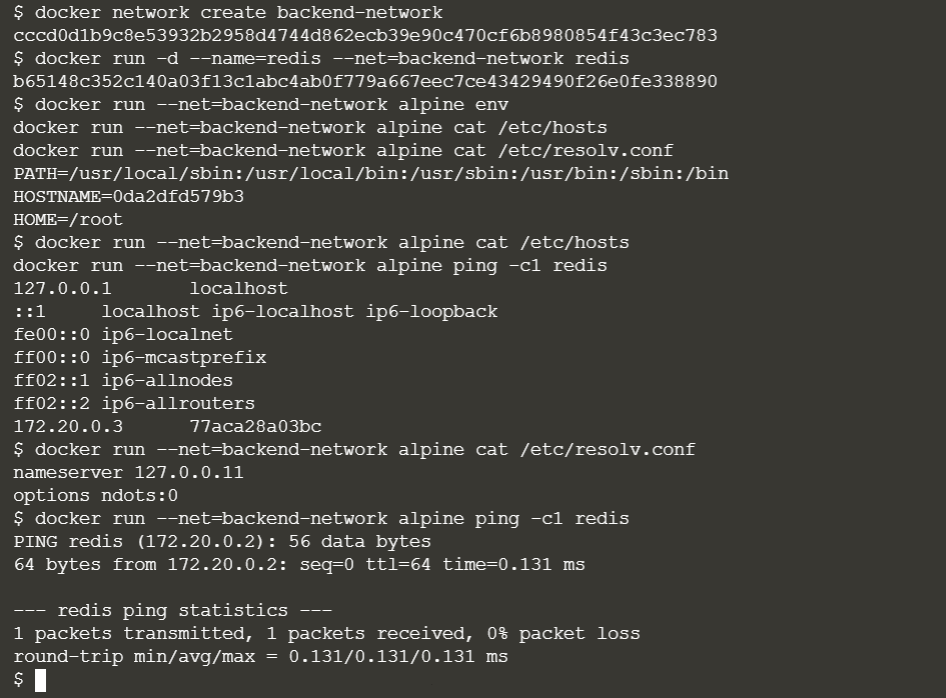
(Note : a180 is unique initials of container ID you want ip)

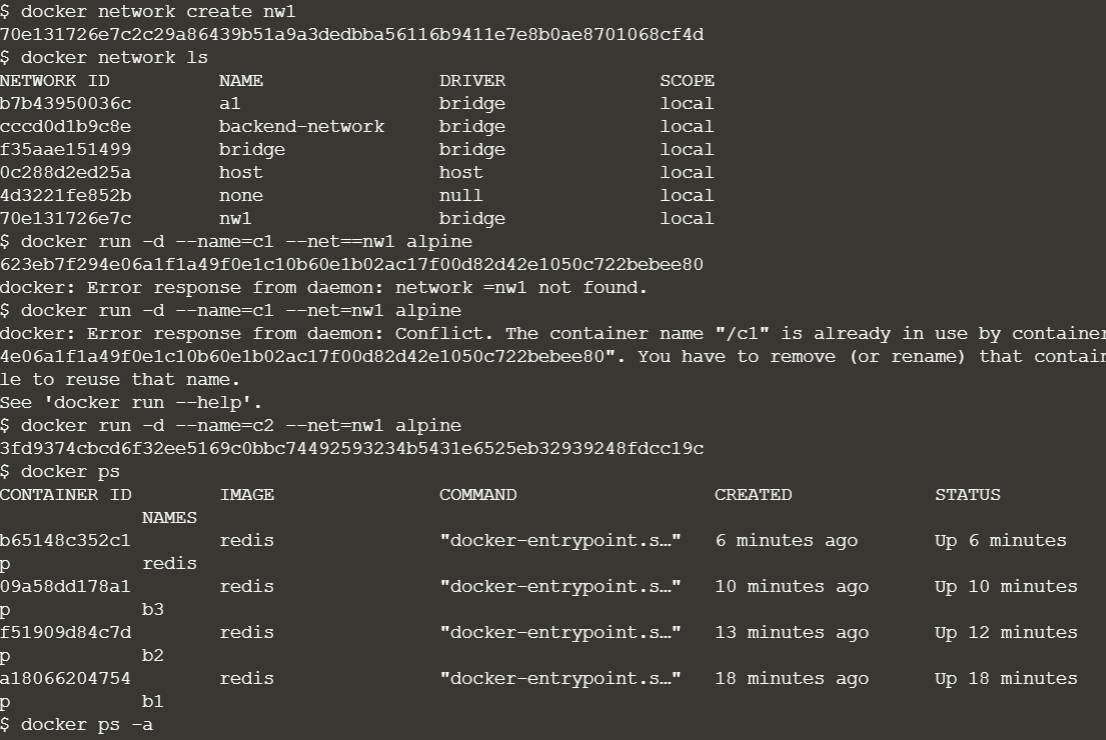






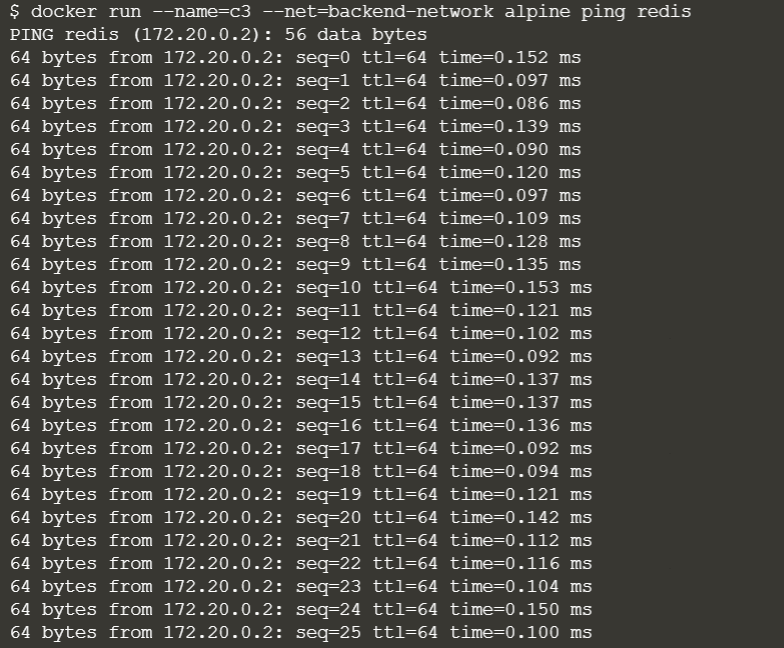


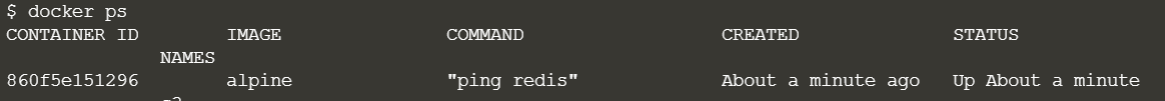


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Ping network

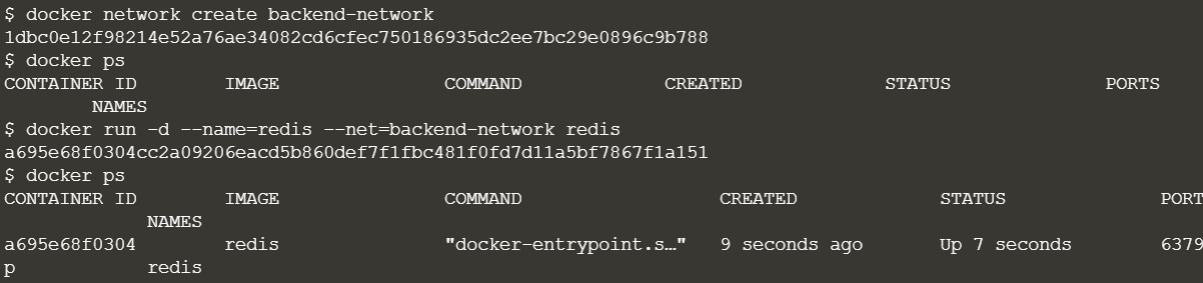
$ docker run –name=c3 –net=backend-network alpine ping redis

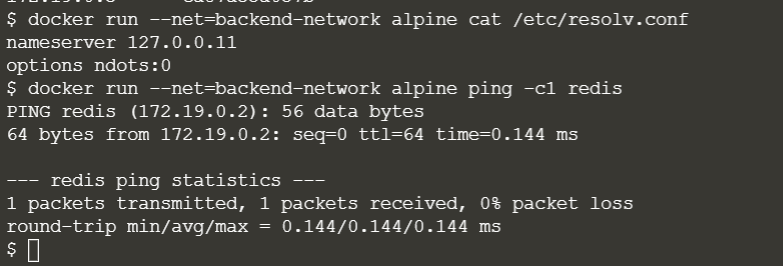
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Create a network

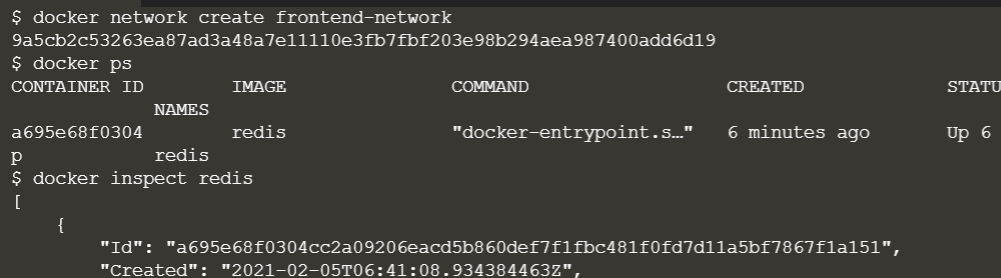
$ docker network create backend-network

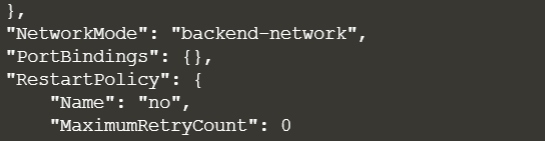
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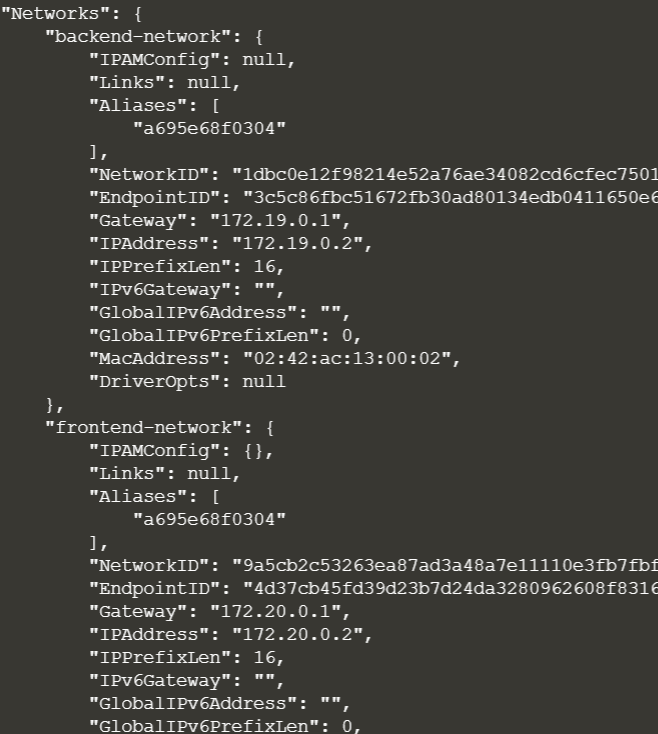
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Create a network

$ docker network create frontend-network

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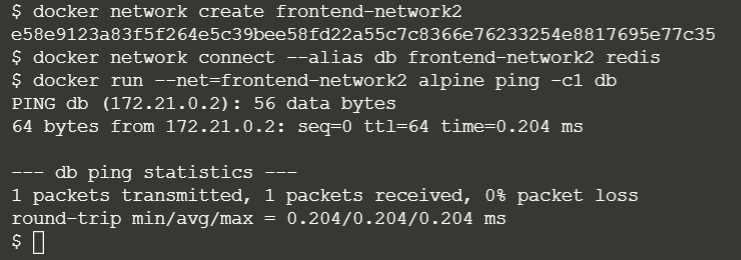
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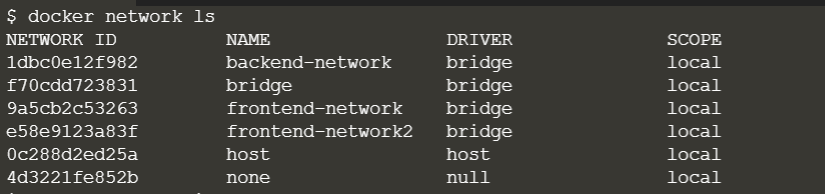
$ docker run –d –p 3000:3000 –net=frontend-network katacoda/redis-node-docker-example

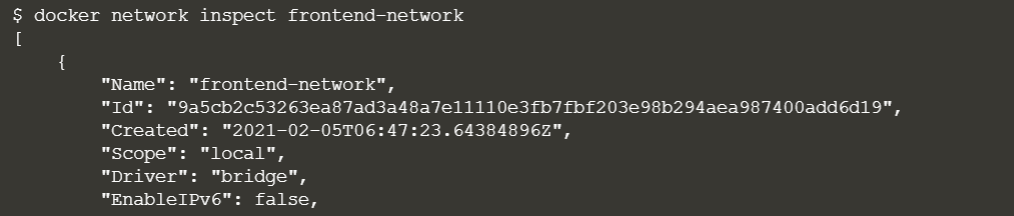
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To create a network

$ docker network create frontend-network

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To disconnect from server

$ docker network disconnect frontend-network redis

(frontend-network is name of network)

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