

Deployment Of App In IBM Cloud

Containerize The App

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Project Name	NEWS TRACKER APPLICATION

The Docker create command will create a new container for us from the command line:

```
~ docker create --name nginx_base -p 80:80 nginx:alpine
```

```
Unable to find image 'nginx:alpine' locally
alpine: Pulling from library/nginx
df9b9388f04a: Pull complete
5867cba5fcbd: Pull complete
4b639e65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
Digest:
sha256:5a0df7fb7c8c03e4158ae9974bfbfd6a15da2bdfdeded4fb694367ec812325d31
Status: Downloaded newer image for nginx:alpine
85b13f4d8a9bcdab4fbae540cf7bf3704eab13b57c5f44a2d3529d86f1c72ba5
```

INSPECT THE IMAGES:

```
→ ~ docker images -a
```

REPOSITORY	TAG	IMAGE ID	CREATED
SIZE			
amitsharma/nginx-reverse-proxy	v1	1037dc5f8db4	3 weeks ago
142MB			
nginx-reverse-proxy	latest	1037dc5f8db4	3 weeks ago
142MB			
amitsharma/web-server-app	v1	09a0abf08e08	3 weeks ago
58.3MB			
web-server-app	latest	09a0abf08e08	3 weeks ago
58.3MB			
nginx	alpine	51696c87e77e	4 weeks ago
23.4MB			

INSPECT CONTAINERS:

```
→ ~ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED
STATUS        PORTS         NAMES
c365af6303e4   nginx:alpine   "/docker-entrypoint..." 6 minutes ago
Created                                nginx_base
```

START THE CONTAINER:

```
→ ~ docker start nginx_base
nginx_base
```

Now visit <http://localhost> with your browser. You will see the default “Welcome to nginx!” page. We are now running an nginx container.

