

Module-2: Image Management and Registry

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DEMO-2: Restart Policy

Note: All commands are executed as root.

1. The restart policy for any container can be set while starting the container
It can be defined by any of the following options
no, on-failure, always, unless-stopped

```
$ docker run -d --restart <restartPolicy> <imageName>
```

```
root@docker-1:/# docker run -d --restart on-failure -p 8004:80 nginx
56d1105fc2e5ca0bac35ca3ef839d847e0b2f844b3c32636779931d4db5a282c
root@docker-1:/# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
56d1105fc2e5	nginx	"/docker-entrypoint..."	27 seconds ago	Up 26 seconds	0.0.0.0:8004->80/tcp

```
igorous_poitras
```

2. To verify the restart policy for the container execute the docker inspect command

```
$ docker inspect <containerID>
```

```
root@docker-1:/# docker inspect 56d1105fc2e5
[
```

```
    },
    "RestartPolicy": {
      "Name": "on-failure",
      "MaximumRetryCount": 0
    },
  ],
```