

# Using Docker

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**Andrew Mallett**

LINUX AUTHOR AND TRAINER

@theurbanpenguin [web.theurbanpenguin.com](http://web.theurbanpenguin.com)



# What is Docker

Docker wraps up services into a complete file-system. In this way everything that is needed to run the service, and nothing else, is packaged within the Docker container.



# Exam Objectives



**Create light-weight virtualized guests via namespaces**



# Demo



- **Install Docker and basic commands**
- **Working with Docker images and containers**
- **Docker networking**



# Installing Docker

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# Working with Images and Containers

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# Networking Docker

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# Using Docker

```
docker info
```

```
docker run \  
hello-world
```

```
docker run -it \  
ubuntu bash
```

```
docker version
```

```
docker start -a
```

```
docker run  
--name d1 -p 80:80  
-v /html:/var/www:ro  
-d nginx
```



Next up: Ready for the exam  
<https://training.linuxfoundation.org/certification/lfcs>

