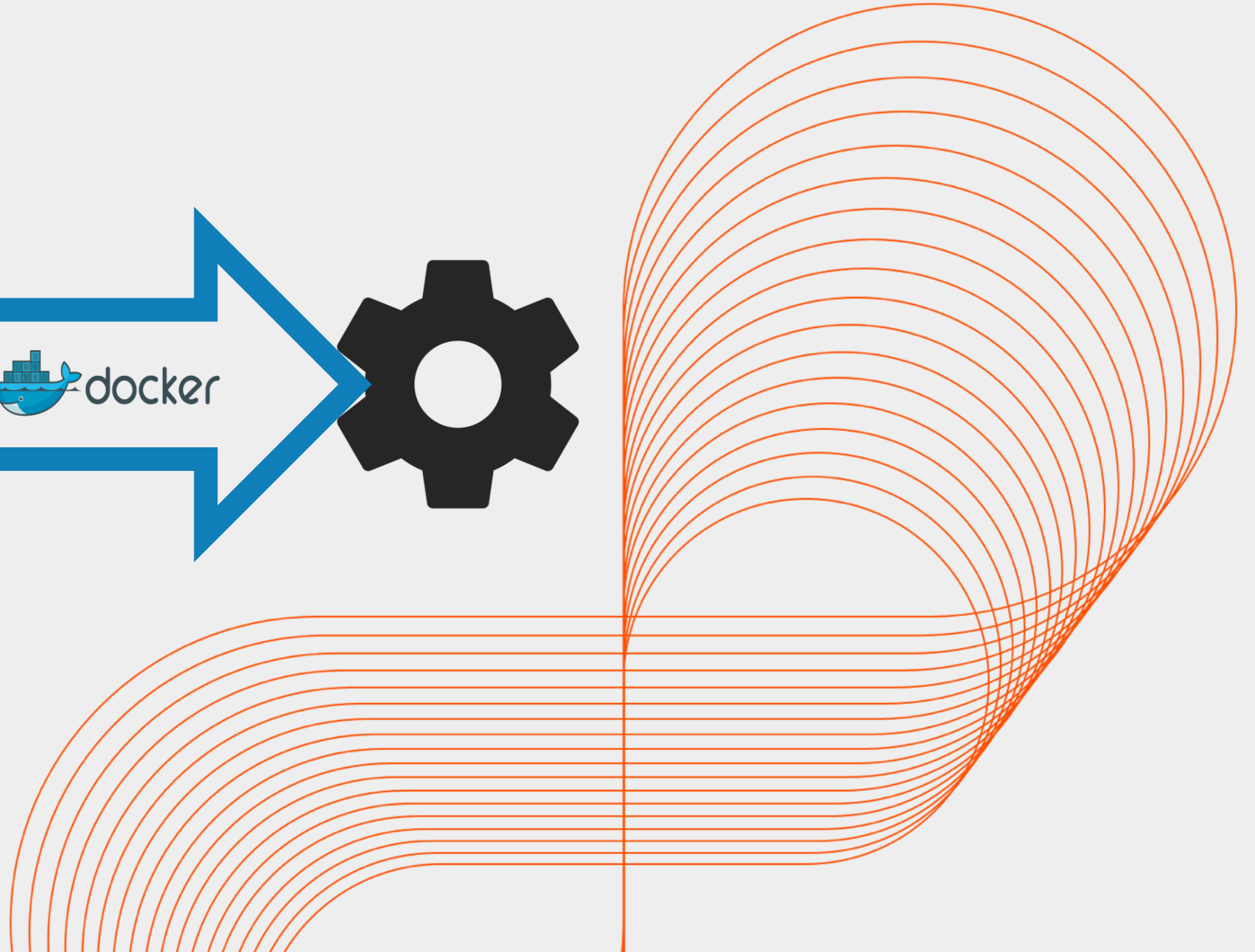
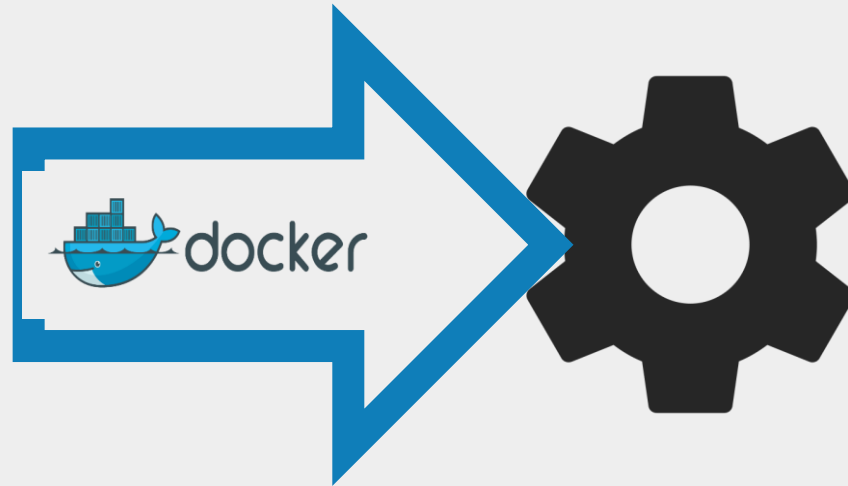




Installation of



# Objectives

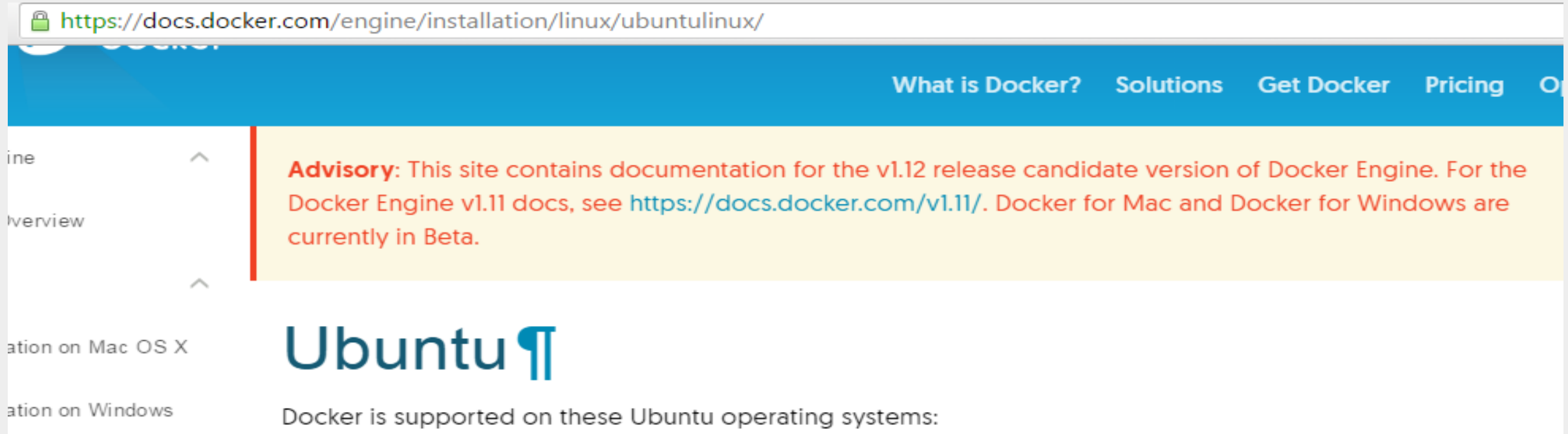
At the end of this section, you will be able to Learn:

- **Docker Installation**
- **Run Docker Daemon**

## How to setup Docker?

- The steps to install Docker are provided in the below link

<https://docs.docker.com/engine/installation/linux/ubuntu/linux/>



## How to setup Docker?

- The alternate steps to install Docker are provided in the below link.
- In fact this is the simpler way.
  - <https://docs.docker.com/get-docker/>
  - This will install Docker, which we will need for running Docker components like machine and Swarm.
- Windows:-
  - <https://docs.docker.com/docker-for-windows/install/>
- Linux:-
  - <https://docs.docker.com/engine/install/>
- Mac:-
  - <https://docs.docker.com/docker-for-mac/install/>

## Starting Docker

- Once you have docker installed, its intuitive usage experience makes it very easy to work with.
- To run the docker daemon
  - `sudo docker -d &`
- Ask docker for a list of all available commands
  - `sudo docker`

## Working with Docker images

- Searching for a docker image
  - `sudo docker search Ubuntu`
- Downloading (PULLing) an image
  - `sudo docker pull Ubuntu`
- Listing the images on your system
  - `sudo docker images`

## Verifying Docker installation

- Verify docker is installed correctly.
  - `sudo docker run hello-world`

## Reference Material : Websites & Blogs

- <https://training.docker.com/self-paced-training>
- <https://docs.docker.com/engine/installation/linux/ubuntu/linux/>
- <https://www.digitalocean.com/community/tutorials/how-to-install-and-use-docker-getting-started>
- Docker up and Running by Karl Matthias and Sean kane



## Key Contacts

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**Persistent**

**Thank you!**

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