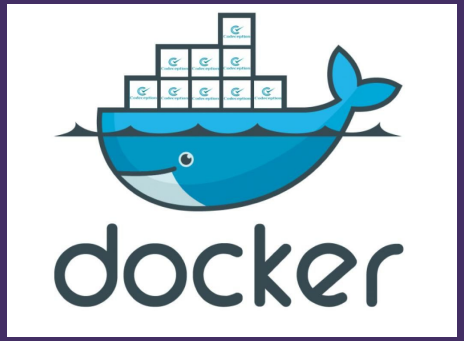
Docker



Hello!

I am Sandeep Anuragi

I am here because I love to do docker Integration.

You can find me at blackmagiclinux@gmail.com

1.

Docker Network ?

Let’s start with the first set of slides

One of the reason docker container and services are so powerful is that you can connect them together, or connect them to non-docker workloads. Docker containers and services do not event need to be aware that they are deployed on docker, or whether their peers are also docker workloads or not. Whether you docker hosts run linux, windows, or mix of the two, you can use docker to manage them in a platform-agnostic way.

2.

Network Drivers ?

Docker’s networking subsystem is pluggable, using drivers. Several drivers exist by default, and provide core networking functionality:

Understanding containers

- Bridge
- Host
- Macvlan
- None:
- Network Plugins:

Bridge :

The default network driver. If you don’t specify a driver, this is the type of network you are creating.

Bridge networks are usually used when your applications run in standalone containers that need to communicate.

Host :

For **standalone containers, remove network isolation between the container and the docker host, and use the host's networking directly.**

Overlay :

Overlay networks connect multiple docker daemon together and enable swarm services to communicate with each other. You can also use overlay networks to facilitate communication between a swarm service and a standalone containers, or between two standalone containers on different docker daemon.

Who is Docker for?

Macvlan:

Macvlan networks allow you to assign a MAC address to a container, making it appear as a physical device on your network. The Docker daemon routes traffic to containers by their MAC addresses. Using the macvlan driver is sometimes the best choice when dealing with legacy applications that expect to be directly connected to the physical network, rather than routed through the Docker host network stack. See Macvlan networks.

Who is Docker for?

None:

For the container, disable all networking, usually used in conjunction with a custom network driver. none is not available for swarm services.

Who is Docker for?

Network Plugins:

You can install and use third-party network plugins with docker.These plugins are available from docker hub or from third-party vendors.

More info on how to use docker visit at http://trainingbasket.in

Thanks For Join Us

blackmagiclinux@gmail.com

Are you Ready to face of challenges

Comment and Survey fo this course