



# Module 03: Installing Docker

## Docker Workshop



# Agenda

- ✦ Available Editions and Versions
- ✦ Supported Platforms
- ✦ Docker in the Cloud
- ✦ Lab 01: Installing Docker in Ubuntu 18.04

# Available Editions and Versions

Capabilities	Community Edition	Enterprise Edition Basic	Enterprise Edition Standard	Enterprise Edition Advanced
Container engine and built in orchestration, networking, security	✓	✓	✓	✓
Certified infrastructure, plugins and ISV containers		✓	✓	✓
Image management			✓	✓
Container app management			✓	✓
Image security scanning				✓

- ★ The **Stable** version gives you reliable updates every quarter
- ★ The **Edge** version gives you new features every month

# Supported Platforms

## ✦ Linux

- ✦ Native Application

## ✦ Mac

- ✦ Native Application
- ✦ Docker Toolbox – Legacy

## ✦ Windows

- ✦ Windows 10 (native)
- ✦ Windows Server 2016 (native)
- ✦ Other (Docker Toolbox)

### What's in the box

Toolbox includes these Docker tools:

- Docker Machine for running `docker-machine` commands
- Docker Engine for running the `docker` commands
- Docker Compose for running the `docker-compose` commands
- Kitematic, the Docker GUI
- a shell preconfigured for a Docker command-line environment
- Oracle VirtualBox

You can find various versions of the tools on [Toolbox Releases](#) or run them with the `--version` flag in the terminal, for example, `docker-compose --version`.

# Docker in the Cloud

- ✦ Google Cloud Platform
- ✦ Amazon Web Services
- ✦ Microsoft Azure
- ✦ IBM Cloud
- ✦ Digital Ocean
- ✦ Packet
- ✦ Docker Cloud

## Bring your own Node

**Docker Cloud** lets you use your own host as a node to run containers. In order to do this, you have to first install the Docker Cloud Agent.

The following Linux distributions are supported:



Run the following command in your Linux host to install the Docker Cloud Agent or click [here](#) to learn more:

```
curl -Ls https://get.cloud.docker.com/ | sudo -H sh -s c7a941OHAiac9419e837f940fab9aa4f1
```

*We recommend you open incoming port 2375 in your firewall for Docker Cloud to communicate with the Docker daemon running in the node. For the overlay network to work, you must open port 6783/tcp and 6783/udp.*

Waiting for contact from agent

Close window

# Questions



# Lab 01: Installing Docker in Ubuntu 18.04

## Lab



<https://gitlab.com/sela-docker-workshop/lab-01>