

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Docker 18.06 or newer	Free	no	0	https://store.docker.com/editions/community/docker-ce-desktop-windows	4 GB of Ram or more CPU needs to support virtualization	Windows 10 Pro
1	Docker 18.06 or newer	Free	no	0	https://store.docker.com/editions/community/docker-ce-desktop-mac	Newer MacBook pro with 8GB of ram or more	OS X El Capitan 10.11 and newer macOS releases.
1	Docker 18.06 or newer	Free	no	0	instructions are in the chapter https://www.ubuntu.com/	4 GB RAM or more	Ubuntu 18.04 LTS
1	Docker 18.06 or newer	Free	no	0	instructions are in the chapter https://www.centos.org/	4 GB RAM or more	CentOS 7.5
8	VirtualBox	Free	yes	0	https://www.virtualbox.org (used for setting up a 3 node kubernetes cluster)	4 GB RAM or more	Ubuntu 18.04 LTS
10	Docker 18.06 or newer	Free	no	0	instructions are in the chapter (required for the intel clear containers recipe) https://www.ubuntu.com/	4 GB RAM or more	Ubuntu 16.04.5 LTS
11	Docker for AWS	software is free, but cloud costs money	maybe able to run in free tier	depends on how long you run it for	instructions are in the chapter		Amazon AWS account
11	Docker for Azure	software is free, but cloud costs money	maybe able to run in free tier	depends on how long you run it for	instructions are in the chapter		Azure Cloud account

Detailed installation steps (software-wise)

A major part of the first chapter is explaining how to install Docker on the different Operating systems.

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

1. Docker server setup on Ubuntu and CentOS:
 1. `$ curl https://get.docker.com | bash`
 2. `$ systemctl start docker`