Software Hardware List

Chapter Number	Software Required	Hardware Required	OS Required
1	Docker 1.12 nginx:1.11, nginx:1.10 gcloud (needed to use GCE. Requires Python 2.7. Multiple versions of gcloud were used since Google pushes updates on a regular basis.) docker-machine 0.8.1	(Chapter 1-10) Two physical servers were used for testing. Primarily, these servers were used to run VMs. Intel(R) Core(TM) i5 CPU 650 @ 3.20GHz 8GB RAM Intel(R) Xeon(R) CPU E5645 @ 2.40GHz 16GB RAM Additionally, instances on AWS, GCE, and Azure were used.	Ubuntu Xenial (16.04) CoreOS Centos 7
2	Docker 1.12 mysql:5.7, mysql:5.7 docker-compose 1.8		Ubuntu Xenial (16.04)
3	Docker 1.12 docker-machine 0.8.1		Ubuntu Xenial (16.04) CoreOS Centos 7
4	Docker 1.12 docker-compose 1.8		Ubuntu Xenial (16.04)

5	Docker 1.12 wordpress nginx:1.11, nginx:1.10 mysql:5.7, mysql:5.7		Ubuntu Xenial (16.04) Centos 7
6	Docker 1.12 dcos 1.8 nginx:1.11		Ubuntu Xenial (16.04) CoreOS
8	Docker 1.12 elasticsearch 5.0 logstash 5 kibana 5 influxdb 1.1 grafana 4		Ubuntu Xenial (16.04) CoreOS
9	Docker 1.12 GitLab.com, GitLab CE 8.14		Ubuntu Xenial (16.04) Centos 7
10	Docker 1.12 Puppet 3.8 (default puppet package included in Ubuntu Xenial) Terraform 0.7.11		

Docker & Orchestration tools

Docker 1.12

Kubernetes 1.4

dcos 1.8

Rancher 1.2

docker-machine 0.8.1

docker-compose 1.8

fleet

OpenStack Nova

Container images

nginx:1.11, nginx:1.10

mysql:5.7, mysql:5.7

wordpress

ubuntu:16.04

Tools

GitLab.com, GitLab CE 8.14

Packer 0.12.0

Terraform 0.7.11

Puppet 3.8 (default puppet package included in Ubuntu Xenial)

elasticsearch 5.0

logstash 5

kibana 5

influxdb 1.1

grafana 4

Peripheral

gcloud (needed to use GCE. Requires Python 2.7. Multiple versions of gcloud were used since Google pushes updates on a regular basis.)