Lab setup

Hardware

Minimum 8GB RAM

Cloud machine 32GB RAM

I5/i7 processor

Software

* Windows 8/10
* jdk 1.8 or above
* oracle11g/mysql community server 5.7 or above (Mysql for lab)
* Mysql Workbench
* Mongodb server 4 community version

<https://www.mongodb.com/download-center/community>

* eclipse 2019 JEE /STS 4.0 onwards (STS )
* <https://www.eclipse.org/downloads/>
* pivotal cloud foundry login
* <https://login.run.pivotal.io/login>
* <https://account.run.pivotal.io/z/uaa/sign-up>
* Gitbash for windows
* Jenkins
* Sonarqube
* https://docs.docker.com/docker-for-windows/wsl/
* maven 3.3 or above
* maven repository access
* [**https://mvnrepository.com/**](https://mvnrepository.com/)
* Rabbitmq 3
* <https://www.rabbitmq.com/download.html>
* Kafka
* <https://kafka.apache.org/quickstart>
* Zookeeper
* <https://zookeeper.apache.org/releases.html>
* Github access
* https://github.com/
* Prometheus
* <https://prometheus.io/download/>
* Grafana
* <https://grafana.com/grafana/download?platform=windows>
* Open shift account
* <https://www.openshift.com/>
* Zipkin server
* <https://zipkin.io/pages/quickstart.html>