Install and initialize Gerrit

Source file: \\Global.lloydstsb.com\file\D\_COMMON0044$\Shared\Install\DevOps\gerrit

Before installation you need install Git and set environment variable , PATH and save in .bash\_profile.

From the command line, type the following:

java -jar gerrit\*.war init --batch --dev -d ~/gerrit\_testsite

(~/gerrit\_testsite, instead give path where you want to initialize/excute)

The preceding command uses two parameters:

* --batch. This parameter assigns default values to a variety of Gerrit configuration options. To learn more about these configuration options, see [Configuration](https://gerrit-review.googlesource.com/Documentation/config-gerrit.html).
* --dev. This parameter configures the server to use the authentication option, DEVELOPMENT\_BECOME\_ANY\_ACCOUNT. This authentication type makes it easy for you to switch between different users to explore how Gerrit works. To learn more about setting up Gerrit for development, see [Developer Setup](https://gerrit-review.googlesource.com/Documentation/dev-readme.html).

This command displays a number of messages in the terminal window. The following is an example of these messages:

Generating SSH host key ... rsa(simple)... done

Initialized /home/gerrit/gerrit\_testsite

Executing /home/gerrit/gerrit\_testsite/bin/gerrit.sh start

Starting Gerrit Code Review: OK

## Update the listen URL and PORT

Another recommended task is to change the URL that Gerrit listens to from \* to localhost. This change helps prevent outside connections from contacting the instance.

git config --file ~/gerrit\_testsite/etc/gerrit.config httpd.listenUrl 'http://localhost:8080'

## Restart the Gerrit service

You must restart the Gerrit service for your authentication type and listen URL changes to take effect.

~/gerrit\_testsite/bin/gerrit.sh restart

## Viewing Gerrit

At this point, you have a basic installation of Gerrit. You can view this installation by opening a browser and entering the following URL:

http://localhost:8080

## If not working change in gerrit.config file (/path/to/gerritinstall/etc/gerrit.config) according you

## In this almost all values came by default. If any thing missing edit accordingly

## [gerrit]

## basePath = git

## serverId = caa52607-9bee-4930-8b05-c563f9dad342

## canonicalWebUrl = http://xxx.xx.xx.xx/

## [database]

## type = h2

## database = /apps/gerrit/db/ReviewDB

## [auth]

## type = DEVELOPMENT\_BECOME\_ANY\_ACCOUNT

## [receive]

## enableSignedPush = false

## [sendemail]

## smtpServer = localhost

## [container]

## user = root

## javaHome = /apps/java/java-1.8.0-ibm-1.8.0.5.5-1jpp.2.el7.x86\_64/jre

## [sshd]

## listenAddress = \*:29418

## [httpd]

## listenUrl = http://xxx.xx.xxx.xx:9100

## [cache]

## directory = cache

## [gitweb]

## type = custom

## url = plugins/gitblit/

## linkname = browse

## project = summary/?r=${project}

## revision = commit/?r=${project}&h=${commit}

## branch = log/?r=${project}&h=${branch}

## filehistory = history/?f=${file}&r=${project}&h=${branch}

## file = blob/?r=${project}&h=${commit}&f=${file}

## roottree = tree/?r=${project}&h=${commit}

## [sendemail]

## smtpServer = localhost

source: https://gerrit-review.googlesource.com/Documentation/linux-quickstart.html

-Byresh