GitLab for EDW – Environment setup Handbook

**Environment Setup**

1. Get the below tools installed in VDI, by raising “[Software Request – IT Approved](https://svb.service-now.com/sp/?id=sc_cat_item&sys_id=209480be81283100af47e7e6ba9ca299)” form
   1. GitHub Desktop
   2. GitBash
   3. Git
2. Get access to EDW repo of Gitlab.

Once access request is in-place, kindly check, if the below URL is accessible. <https://code.gitlab.prod.us-west-2.tlz.svbank.com/edw/edw1>

Graphical user interface, text, application

Description automatically generated

**Establish SSH Connection**

SSH Connection is to be established by following the below steps.

Go to command prompt and change to home directory

Text

Description automatically generated

Run the below command

ssh-keygen -t rsa -C "SSH Key Generation for GitLab"

Text

Description automatically generated

Press Enter

Text

Description automatically generated

Press Enter and enter again

Text

Description automatically generated

A folder .ssh is created in the path C:\Users\uselvamani

Graphical user interface, application

Description automatically generated

In this folder, we see a file called id\_rsa.pub

Graphical user interface, application, table

Description automatically generated

Open id\_rsa.pub in Notepad++ and copy the contents of the file.

Open <https://code.gitlab.prod.us-west-2.tlz.svbank.com/edw/edw1>

Go to Preferences

Graphical user interface, application, Teams

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Select SSH Keys from the left pane

Graphical user interface, application

Description automatically generated

Add the copied key into the Key Textbox and click on “Add key”

Graphical user interface, text, application, email

Description automatically generated

SSH Key is added as below

Graphical user interface, text, application, email

Description automatically generated

Test if SSH Connection is established

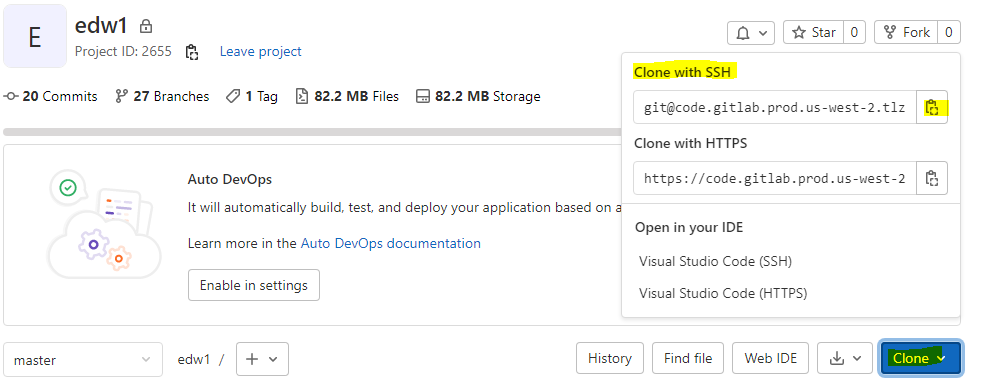
Go to <https://code.gitlab.prod.us-west-2.tlz.svbank.com/edw/edw1>

Select Clone

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Copy the “Clone with SSH URL”



Go to GitBash and run the below command

cd C:\Users\uselvamani <<switching to home directory>>

Text

Description automatically generated with medium confidence

git clone <<paste the url copied above>>

Text

Description automatically generated

If the above command is complete successfully, then the SSH Connection is complete successfully.