DEVELOPMENT MACHINE SETUP | UBUNTU 20.04

Maximus Dev | 28th April 2021

Contents

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Note :
  1. This manual is made with respect to Ubuntu 20.04 and may not work
     with other versions.
  2. The steps mentioned are tested and are working in the my environment
     which may or may not work in other environments.
  3. If you find any error in the document then feel free to update it.
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A. Getting access for JIRA/BITBUCKET/CONFLUENCE

1.	**Open OAS Infra Portal** https://oas.axisbank.com/axisapps/infra.nsf or https://oas-axisbank.msappproxy.net/ or One Axis app → OAS Portal
2.	**Login to the Portal** To get the access for OAS Portal , a mail requesting for access needs to be sent to workflow3@axisbank.com . or a Unidesk ticket needs to be raised. Login credentials will be sent to your mail address.

3.	Navigate to Report > New Request
	
	    a. Select **C002: Information Technology** as Department and choose an **approver** as suggested by your manager.
	    b. Select **Devops Tools Access request** under type of memo
	    c. Select tool name i.e **JIRA/CONFLUENCE/BITBUCKET** and fill the other fields with respect to your role.

4.	Wait until the request is approved. Once it is approved you will receive an email with the login credentials for the requested tool. Do change your password on your first login.

B. <u>VPN/VDI Setup</u>

1.	**<u>Asset Mapping (Ignore if already done)</u> :**
	
	Send an mail to <u>Wipro.AM@axisbank.com</u> which should include details like
	
	    a. Operating System : Open Source Ubuntu 20.04 LTS
	    b. Employee ID
	    c. Laptop Model
	    d. Laptop Serial no
	    e. Laptop ProdID
	       Note: Hostname is not required for Ubuntu systems.

	Support Point : <u>ITAsset.manager@axisbank.com</u>

2.	**<u>Getting VPN/VDI Access</u> :** We need to raise two requests under UAM Portal to get the access for VPN/VDI under **myoffice.axisbank.com** domain

1.	Open UAM Portal -->
	
	                `https://uam.axisb.com/`
	                      `or`
	    `https://uam-axisbank.msappproxy.net`

2.	Navigate to **"New Request"**
3.	Search for "**Work from Home : New Request (Staff)**"
4.	Under service name, Select "**New WFH enablement for Staff**"
5.	Select your device which we have mapped in step-1 we may get to see an empty option without hostname.

		(If the device is not displayed, contact Wipro AM Team)
	6.	For the second request, Navigate to **"New Request"** and search for "**Work from Home : Additional Request**"
	7.	Under service name, Select "**DBAT (For FREECHARGE Users Only)**"
	8.	Select your device as done in step-5
	9.	Note down your approver and wait for the mail.

3.	**Configuring Hyworks/Hysecure Client :** **Do have a note of all the versions as this makes a major difference during the installation process. Make sure you have a working Internet connection as the installer internally downloads the missing dependencies/packages.**	
	1.	Download the **Hyworks Client-328373 Installer** 7zip file from the attachments.

	2.	Initial Setup
		
		I. Open Terminal and run the following commands
		`sudo add-apt-repository universe` (Optional)
		`sudo apt-get update`
		`sudo apt-get upgrade`
		
		II. Install 7-zip
		`sudo apt-get install p7zip-full p7zip-rar`
		
		III. Install Vim Editor
		`sudo apt-get install vim`
		
		IV. Set correct Date/Time/Timezone (Optional)

3.	Open the terminal and navigate to the downloaded file's location

4.	Run the following commands
	
	Unzip the downloaded file
	`sudo 7za x downloaded_file.7z`
	
	Navigate to edcinstaller
	`cd edcinstaller`
	
	Check for **install_edcclient.sh** by executing **ls -l** command and make sure the file has the owner execute permission
	`sudo ./install_edcclient.sh`
	
	Select **"Internet is available/Enabled"** radio button when prompted
	Select "**Desktop Mode**"

5.	Once the installation is done, you will get a message "All is Well" and then the system reboots. It may take more time than usual to boot

4.	**Domain Mapping :** `sudo vi /etc/hosts` Copy all the data from the attached file (hosts_config_file.txt) to `/etc/hosts` file.

5.	**SSL Certificate configuration :**	
	1.	Download all the 4 certificates from the following links https://artifactory.dev.maximus.axisb.com/artifactory/general/certs/CA-Cert.crt

		https://artifactory.dev.maximus.axisb.com/artifactory/webapp/#/artifacts/browse/tree/General/general/certs/dev-wildcard-2019/cacerts https://artifactory.dev.maximus.axisb.com/artifactory/webapp/#/artifacts/browse/tree/General/general/certs/dev-wildcard-2019/Intermediate.cer https://artifactory.dev.maximus.axisb.com/artifactory/webapp/#/artifacts/browse/tree/General/general/certs/dev-wildcard-2019/root.cer
	2.	Copy all the certificates to the following locations **/usr/local/share/ca-certificates** **/etc/ssl/certs** **/usr/lib/jvm/jdk-11.0.11/lib/security/**
	3.	Run the following command `sudo update-ca-certificates`

Optional steps :
If Docker and Gradle are configured then run the following commands
 	
`sudo systemctl restart docker`
`ps aux | grep gradle`
`kill -9 <gradle_processid>`		

Thank you

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