



SAP Client Application Installation & Configuration Guide



Tech Mahindra

SAP Client Application Installation & Configuration Guide V.2.0 12/13/20

Table of Contents

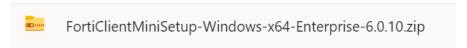
1.0	Fortinet VPN Software Installation Steps in End User system	2
2.0	SAP GUI Software Installation Steps in End User Windows OS System	
2.1	Configuration Steps for SAP GUI Application to Access SAP Development & QA Servers	8
3.0	SAP GUI Software Installation Steps in End User MAC OS System	14
3.1	Steps to Begin SAP GUI Application installation with JAVA Installation	14
3.2	JAVA Development KIT installation Steps	15
3.3	JAVA RUN TIME Environment Installation Steps	20
3.4	SAP GUI 7.50 Application installation Steps	23
3.5	SAP GUI Application Configuration Steps	29
3.6	SAP Server Connect & Access Steps through SAP GUI Application	35
4.0	Steps to access SAP from WebGUI in End User Windows/MAC OS System	36
5.0	Steps to access SAPPID from Web browser in End User Windows/MAC OS System	39
6.0	Steps to access SAPEPD from Web browser in End User Windows/MAC OS System	39
7.0	Steps to access SAPBID from Web browser in End User Windows/MAC OS System	39
8.0	Steps to access SAPMPD from Web browser in End User Windows/MAC OS System	40
9 0	Stens to access SAPMPD from Web browser in End User Windows/MAC OS System	40

1 Fortinet VPN Software Installation Steps in End User system

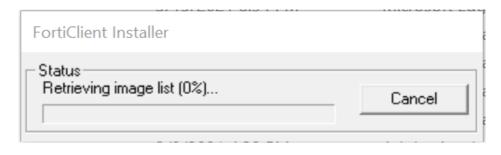
The below steps to follow to install Fortinet VPN client software to connect Tata Communication Cloud. VPN connection is required to access SAP without Router String configuration & SAP, NON-SAP Web applications & FTP Server.

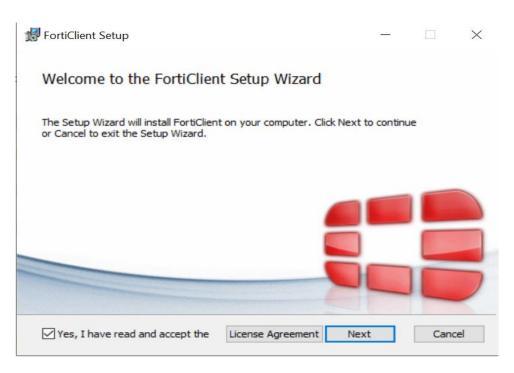
1.1 Guide to Login into TCL VM.

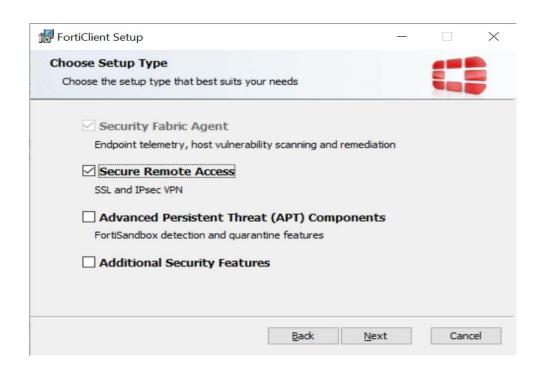
Use the <u>link</u> and download the highlighted zip file. It supports Windows & Mac.

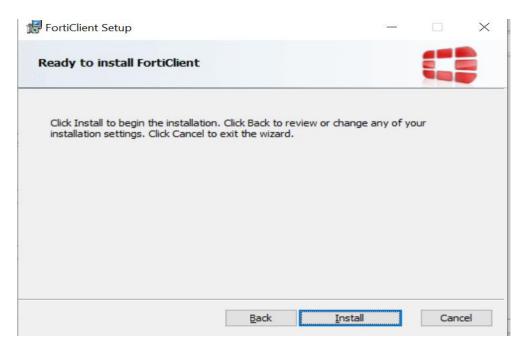


Unzip the file and Install to configure the Fortinet client in the System. It will take some time to download the file.



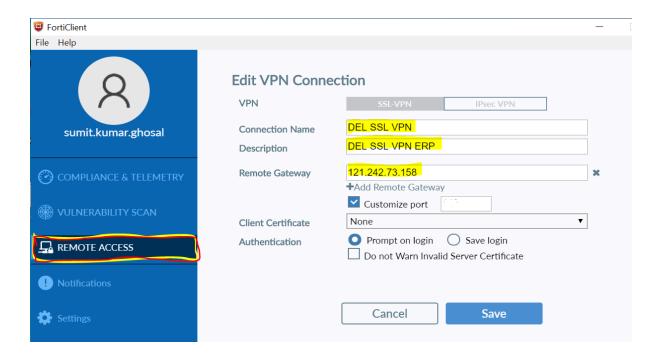




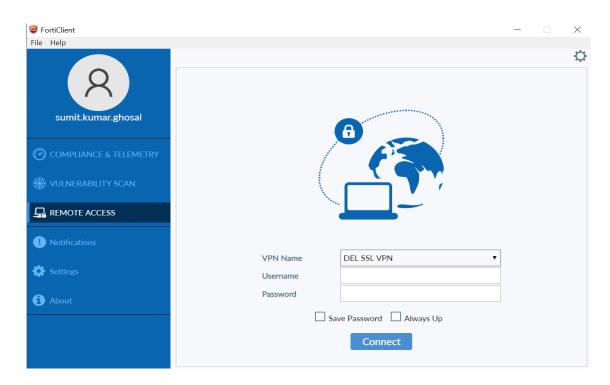


Once you open the Fortinet you can able to view the screenshot below. Go to the Remote Access tab and click on it.

Provide VPN IP here in remote gateway and apply it. Congrats you have successfully configured your VPN and you will be able to reach your Virtual machines through RDP.



Provide your VPN login credential.



2 SAP GUI Software Installation Steps in End User Windows OS System

2.1 Pre-Requisition for Install SAP GUI Login PAD in Windows System

OS: Windows 10 64 Bit

Browser: Internet Explorer V 11.0

JDK & JRE Latest Version

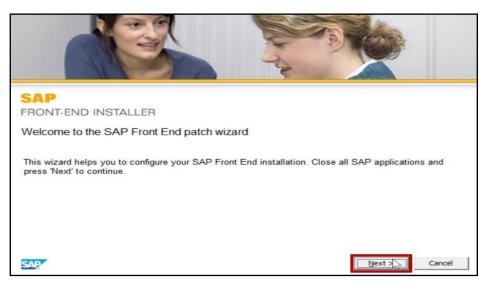
.Net Framework 4.5

2.2 Download SAP GUI Software for Windows & MAC System from the below path.

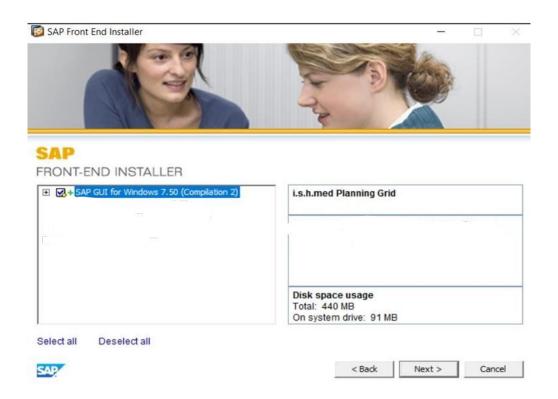
https://teams.microsoft.com/_#/files/General?threadId=19%3Add3d3c7f05484badb1ef1ab4402a340c%40threadl.tacv2&ctx=channel&context=SAP%2520GUI%25207.6&rootfolder=%252Fsites%252FCIL-Finance%252FShared%2520Documents%252FGeneral%252FSAP%2520GUI%25207.6

2.3 Installing SAP GUI for Windows

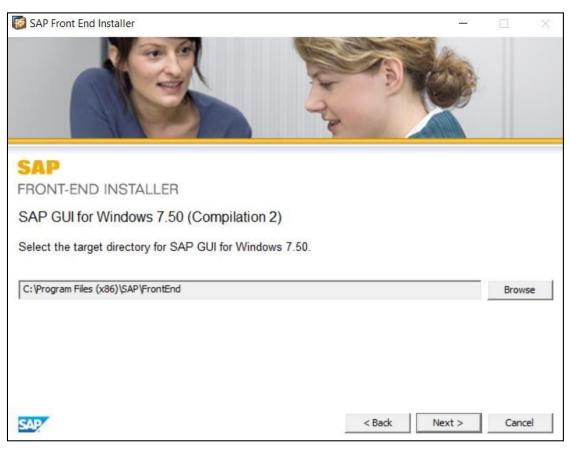
- 2.3.1 Download the SAP GUI 7.6 .exe file and install it using following steps.
- 2.3.2 Click Next.



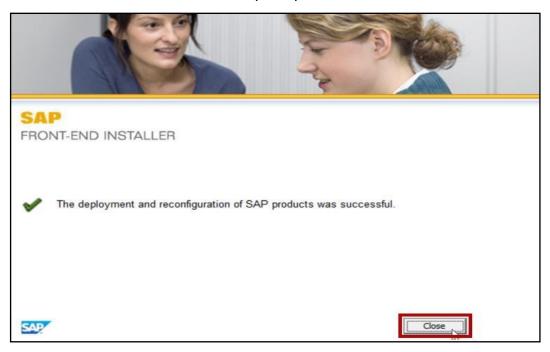
2.3.3 Click Next.



2.3.4 Choose the path for the installation folder and click **Next**.



The **SAP GUI for Windows 7.60** is installed on your system.



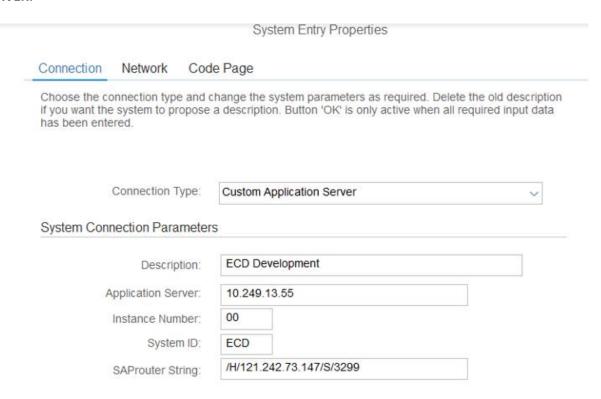
2.3.5 Click Close.

3 Configuration Steps for SAP GUI Application to Access SAP Development & QA Servers

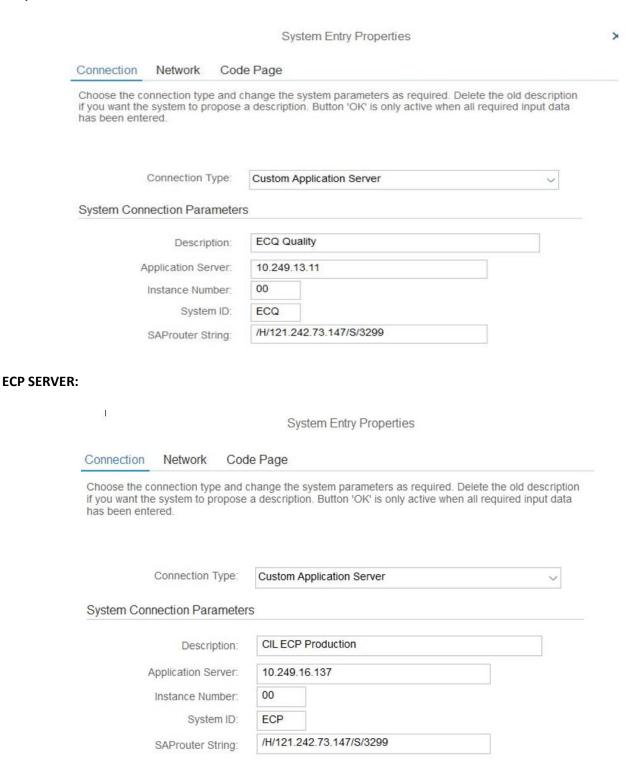
Below images are help you to configure SAP GUI Application to access SAP servers in user Desktop/laptop.

3.1 SAP GUI Configuration without Connect Fortinet VPN & MPLS Network:

ECD SERVER:



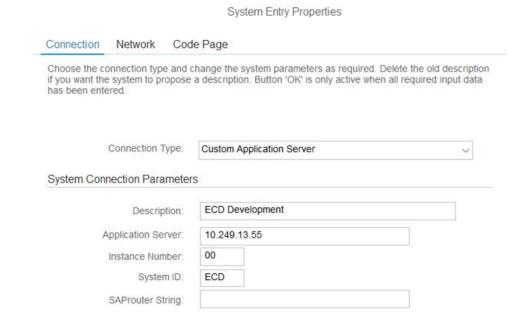
ECQ SERVER



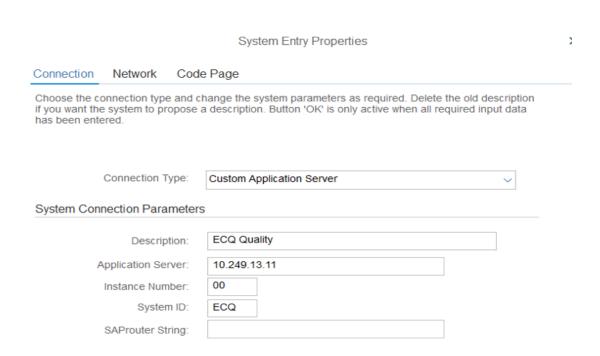
3.2 SAP GUI Configuration with Connect Fortinet VPN & MPLS Network:

Note: Do not configure SAP Router String in SAP GUI when connect SAP Servers with SSL VPN Fortinet Client Software or local MPLS network for access.

ECD SERVER:



ECQ SERVER:



ECP SERVER:

System Entry Properties

Connection Network Cod	e Page		
	change the system parameters as required. Delete the old description a description. Button 'OK' is only active when all required input data		
Connection Type:	Custom Application Server		
System Connection Parameters			
Description:	CIL ECP Production		
Application Server:	10.249.16.137		
Instance Number:	00		
System ID:	ECP		
SAProuter String:			

3.0 SAP GUI Software Installation Steps in End User MAC OS System

This Document contents the SAP GUI 7.5 Frontend Application installation and configuration steps. You can download the same from the following link.

https://teams.microsoft.com/ #/files/General?threadId=19%3Add3d3c7f05484badb1ef1ab4402a340c%40thread.tacv2&ctx=channel&context=SAP%2520GUI%25207.6&rootfolder=%252Fsites%252FCIL-Finance%252FShared%2520Documents%252FGeneral%252FSAP%2520GUI%25207.6

3.1 Steps to Begin SAP GUI Application installation with JAVA Installation

Step 1:

Extract the SAP MAC GUI ZIP folder **Select** to open SAP MAC GUI Folder. Date Added SAP MAC GU (AirDrop anydesk (2).dmg Recents anydesk (1).dmg
SAP MAC GUI.zip Applications ZIP archive Today at 6:44 PM anydesk.dmg

CIL_User_Manual_HCM_PA_PartA_V2.0.docx Today at 6:32 PM Today at 6:02 PM 5.2 MB Disk Image Desktop CIL_User_Manual_HCM_PA_PartA_V2.0.docx
CIL_HCM_End User_Doc OM_PartA_V1.3.docx 6.1 MB 7.6 MB Micros...(.docx) P Documents Micros...(.docx) Today at 5:59 PM CIL_HCM_End User_Doc HCM_RE_F_011 Open Recruitment form for MCL and WCL Non executive.docx CIL_HCM_End User_Doc HCM_PY_R_052_SLPEligibilityReport.docx Today at 5:59 PM Today at 5:59 PM O Downloads 6.1 MB Micros ...(.docx CIL_HCM_End User_Doc HCM_RE_F_007 Sanction Letter for Oustees.doc 4.5 MB Micros...(.docx) Today at 5:59 PM (a) iCloud Drive © CIL_HCM_End User_Doc_HCM_PA_R_126.docx
© CIL_HCM_End User_Doc_HCM_PA_F_025-Offer and Appointment Letter V1.doc Micros...(.docx) Today at 5:59 PM Today at 5:59 PM 2.8 MB ☐ AnyDesk ≜ Extension of Trg. Period (1).pdf 921 KB PDF Document Today at 5:50 PM Today at 5:49 PM Today at 5:40 PM a 1187 (1).pdf 670 KB PDF Document Remote Disc nand kishore mandlik mcfit.r.x.20.00012.pdf HCM_Sprint2_End User_SAP Logon Guide.pptx 10.3 MB Today at 10:09 AM Google Drive links for Winwos and MAC SAP GUI.docx

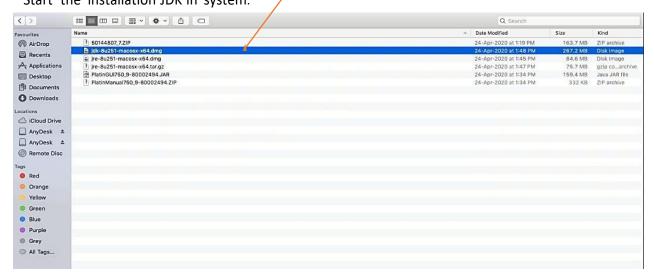
Webex Guide for UAT.pptx Today at 10:09 AM Today at 10:09 AM 12 KB Micros...(.docx) Red Orange User id & password (1).xlsx 22 KB Micros...k (.xlsx) Today at 10:09 AM 1187.pdf
PRIDE RAJ KUMAR.pdf PDF Document Today at 9:48 AM Today at 9:45 AM PDF Document Green ICS file Webex_Meeting (1).ics 6 KB Today at 9:37 AM User id & password.xlsx
Installing SAP GUI for Windows (2).docx Micros...k (.xlsx) Micros...(.docx) Today at 8:13 AM Yesterday at 8:18 PM 22 KB Blue Purple ▶ injarbundler-2.3.1 2 ▶ PlatinGUI750_8-80002494 ▶ injarbundler-2.3.1 Folder Yesterday at 5:54 PM Folder Folder Yesterday at 5:37 PM Yesterday at 5:27 PM Grey All Tags... 160 KB h jarbundler.zip ZIP archive Yesterday at 5:27 PM PlatinGUI750_8-80002494.JAR
ightharpoonup julianing 150.5 MB 184.3 MB Java JAR file Disk Image Yesterday at 5:08 PM Yesterday at 4:39 PM Installing SAP GUI for MacBook (2).docx 1.7 MB Micros...(.docx) Yesterday at 4:38 PM mcflt.r.e.20.00062 (1).pdf 448 KB 581 KB PDF Document PDF Document Yesterday at 4:26 PM Yesterday at 4:26 PM mcflt.r.e.20.00062.pdf 448 KB PDF Document Yesterday at 4:26 PM Installing SAP GUI for Windows (1).docx duty pass.xlsx 1.1 MB 35 KB Micros...(.docx) Micros...k (.xlsx) Yesterday at 1:43 PM Yesterday at 1:43 PM III IMG-20200427-WA0106.ipg 65 KB JPEG image Yesterday at 1:21 PM HCM Module UAT Sprint 2 (1).pdf 1.2 MB 269 KB PDF Document PDF Document Yesterday at 11:25 AM Yesterday at 10:48 AM Document 228.pdf 366 KB PDF Document Yesterday at 10:45 AM Installing SAP GUI for MacBook (1).docx 1.7 MB Micros...(.docx) 26-Apr-2020 at 11:07 AM Steps to Join Meeting (1),docx 587 KB Micros...(.docx) 26-Apr-2020 at 11:07 AM

3.2 JAVA Development KIT installation Steps

3.2.1 Before fresh Install the SAP GUI application in your system, first require to Install JDK softwarein your local system.

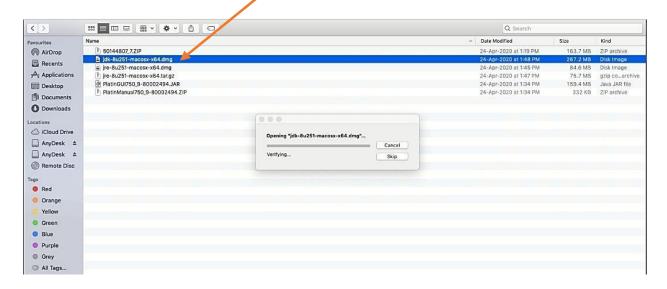
Step 2: 3.2.2

3.2.2 After Open the SAP MAC GUI Folder, Select JDK 8 X64.dmg file and double click to Start the installation JDK in system.



Step 3:

3.2.4 After double 3.3 click the jdk.dmg soft 3.2 JDK will start the installation.



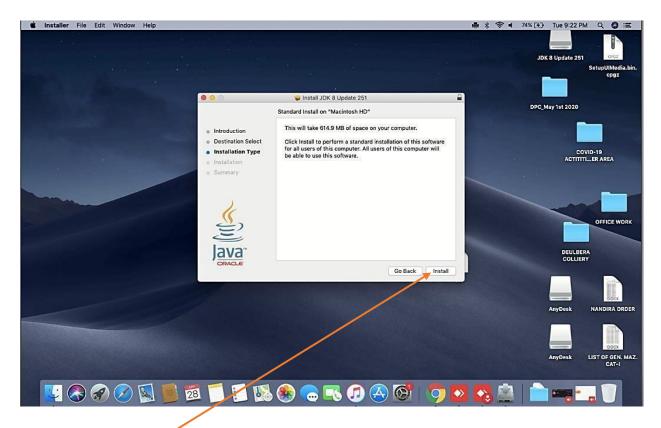
Step 4:





Step 5:

Click to **Continue** the resume the installation of JDK 8.



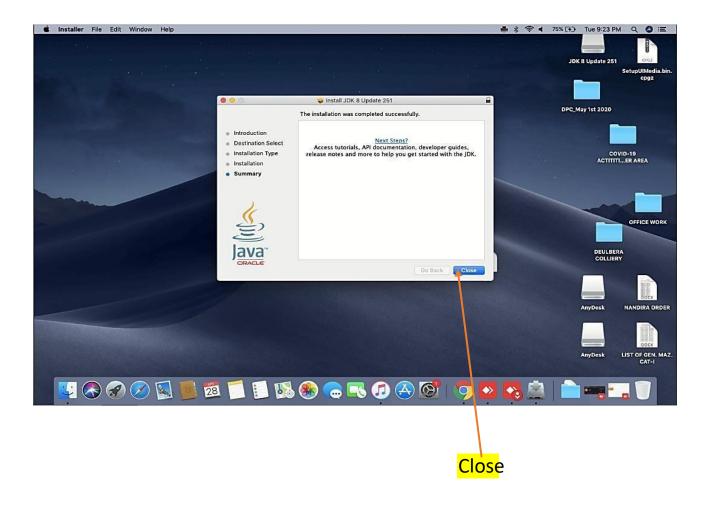
Step 6:

Click on Install to continue the JDK installation.

Step 7:

3.3.2 Provide your local system credential if require at the time of installation to resume the JDK installation in local system.



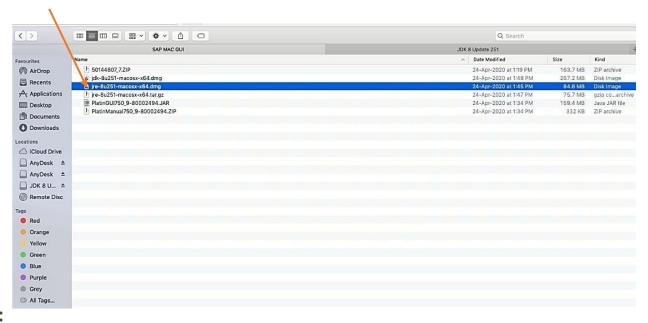


3.3 JAVA RUN TIME Environment Installation Steps

3.3.3 After Complete the JDK installation, now require installing JAVA Runtime Software in your local system with follow the below steps.

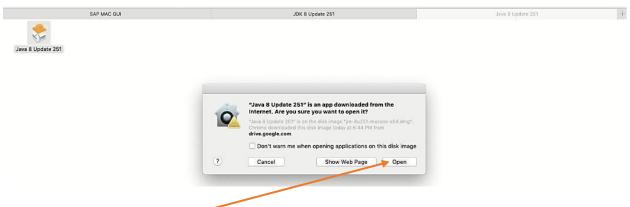
Step 9:

3.3.4 Select JRE 8 X64.dmg file and double click to Start the installation JRE.



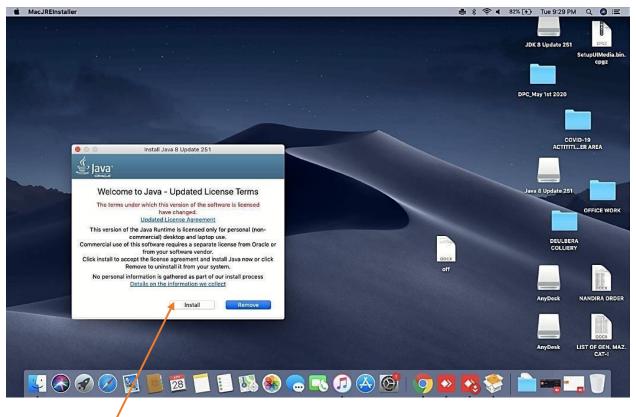
Step 10:





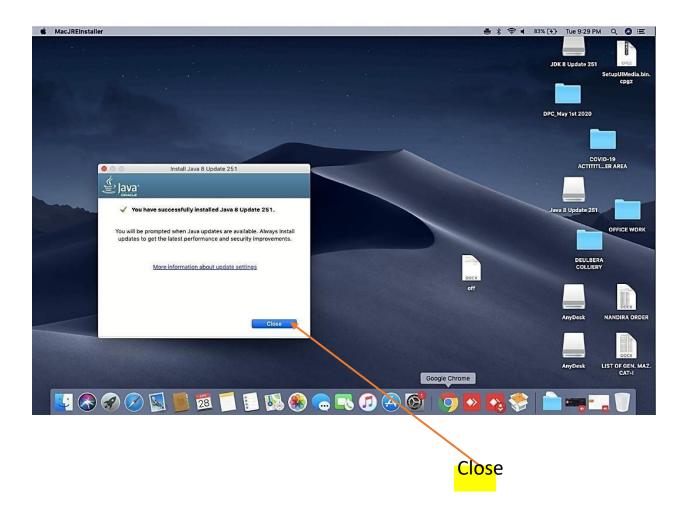
Step 11:

Clacklin open to continue the JRE installation in system.



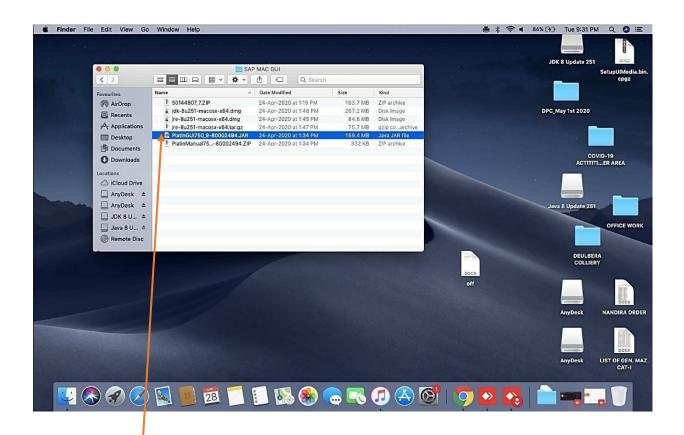
Step 12:

 $3.4.1\;$ Click in ${}^{{}^{{}^{{}^{{}}}}}$ to resume the JRE installation in system.



3.4 SAP GUI 7.50 Application installation Steps

3.4.2 After Complete the JRE installation, now require installing SAP GUI 7.5 application Software/application in local system with follow the below steps.

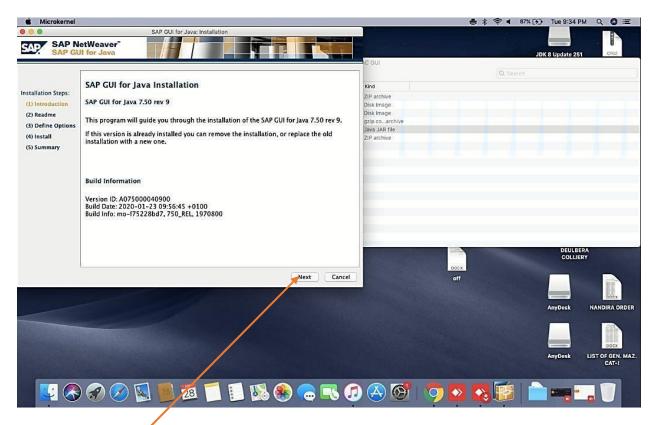


Step 14:

Select on Platin GUI 750.JAR file and double click to start the SAP GUI application installation.

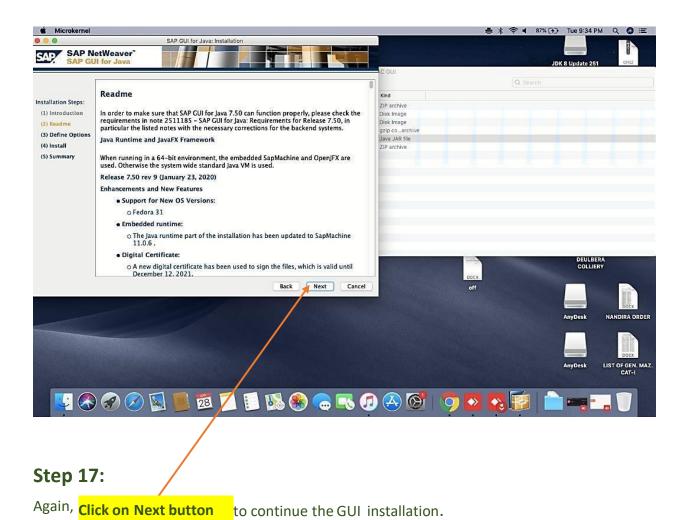
Step 15:

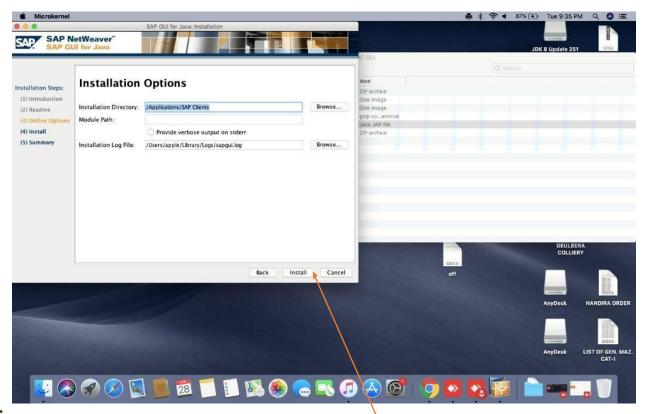
Select Open with and Select JAR Launcher (default) (15.0.1) 3.4.3 to start the GUI installation. Finder File Edit View Go Window Help ♣ 🕏 🛊 86% [⅓] Tue 9:33 PM Q 🔕 😑 SAP MAC GUI # **=** = = · • · • • New Folder Open Open With 1 50144807_7.ZIP (AirDrop i jdk-8u251-macosx-x64
i jre-8u251-macosx-x64
h jre-8u251-macosx-x64
Cat Info Recents Archive Utility (10.11) Applications Get Info Rename Compress "PlatinGUI750_9-80002494.JAR" Duplicate App Store... Other... PlatinGUI750_9-80002
PlatinManual75...-8000 Desktop Documents O Downloads Make Alias Quick Look "PlatinGUI750_9-80002494.JAR" Copy "PlatinGUI750_9-80002494,JAR" Import from iPhone or iPad (a) iCloud Drive Use Groups ☐ AnyDesk ≜ Sort By Show View Options ☐ Java 8 U... ≜ 000000 Remote Disc DEULBERA 🛂 🚱 🔗 🐼 📓 噻 🙍 🗐 📳 🐯 🏶 🚗 🔜 🕡 🙆 💇 🗎 🧑 🛂 🐼



Step 16:

3.4.4 After Select the JAR fauncher, the SAP GUI Installation will be start now require to click on Next to resume the Installation.

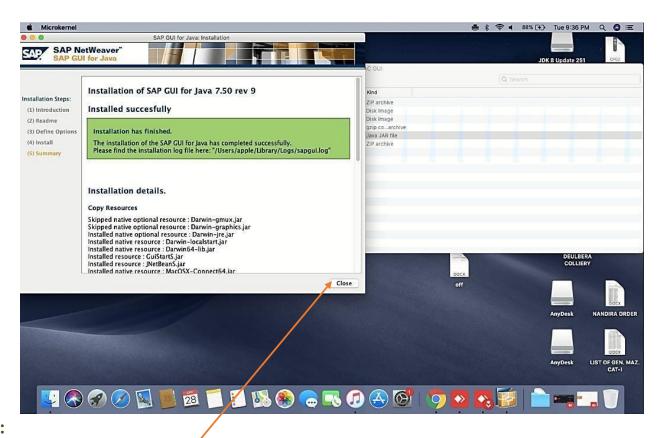




Step 18:

Keep all the Installation Options by default and click on Install

3.4.5 installation.



Step 19:

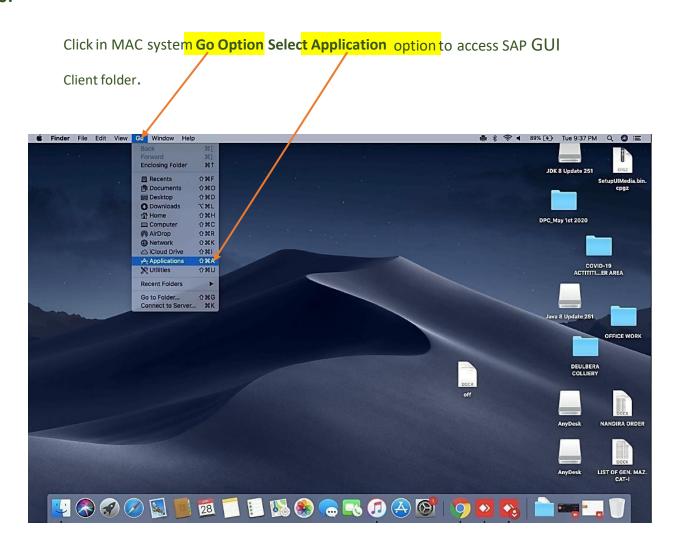
3.4.6 After completing the GUI installation successfully, above prompt will be appear in screen.

Click on Close to finish the installation.

3.5 SAP GUI Application Configuration Steps

- 3.4.7 After Complete the SAP GUI 7.5 application Software installation in local system now require configuring the SAP GUI to access the SAP server with valid connection strings, client number and credential details.
- 3.4.8 Below steps will guide to configure SAP GUI application in your system.

Step 20:



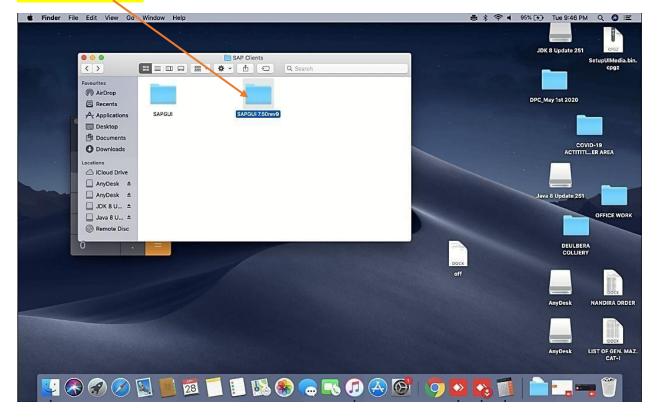


Step 21:

SAP Client folder.

Step 22:

Select and Open SAP GUI 7.50rev9.



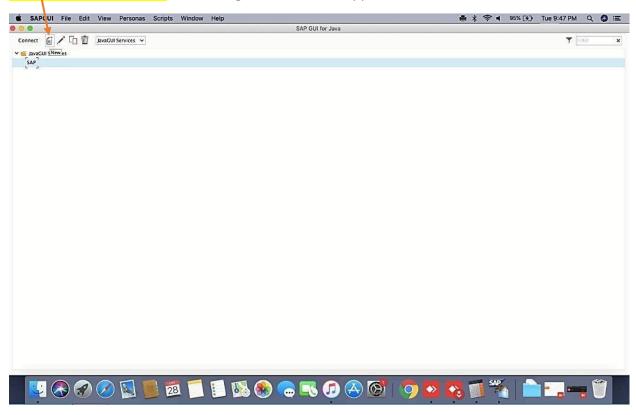
Step 23:

Double click on SAP GUI 7.50rev9 file to open the SAP GUI Service console for configure the GUI application.



Step 24:

Click on New Button to fresh configuration for GUI Application.



Step 25:

Description:

3.4.9 Mentioned any name you can remember to save your configuration settings.

Step 26:

Connection Type:

3.4.10 R/3 by default

Step 27:

Click on Advance.

Step 28:

Expert Settings:

- **3.4.11** Tick on check box Expert Mode, in the below blank field enter the connection stringsdetails to complete the configuration.
- 3.5 For ECD Server Configuration with SAP Router String
 Conn= /H/121.242.73.147/S/3299/H/10.249.13.55/S/3202, then click on Save to complete the configuration.
- 3.6 For ECQ Server Configuration with SAP Router String
 Conn= /H/121.242.73.147/S/3299/H/10.249.13.11, then click on Save to complete the configuration.
- 3.7 For ECP Server Configuration with SAP Router String Conn= /H/121.242.73.147/S/3299/H/10.249.16.137, then click on Save to complete the configuration.
 - 3.8 For ECD Server Configuration without SAP Router String

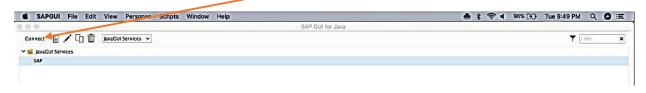
Conn= /H/10.249.13.55, then click on Save to complete the configuration.

- **3.9** For ECQ Server Configuration without SAP Router String
- Conn= /H/10.249.13.11, then click on Save to complete the configuration.
- 3.10 For ECP Server Configuration without SAP Router String Conn= /H/10.249.16.137, then click on Save to complete the configuration.

3.6 SAP Server Connect & Access Steps through SAP GUI Application

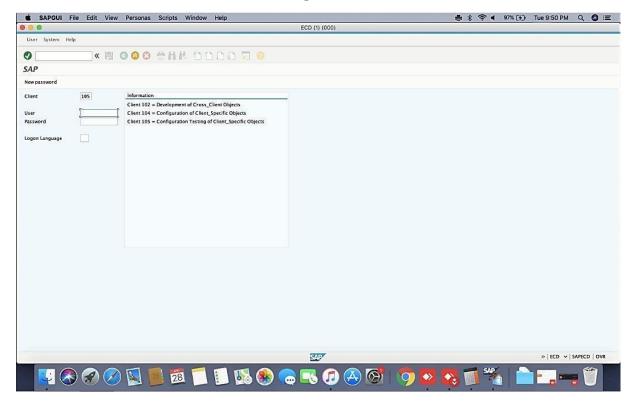
Step 29:

After Save the configuration, click on Connect to Start the access of SAP servers.



Step 30:

3.10.1 After Click on Connect option the below screen will be show to provide the Valid Clientnumber and credential details to login in SAP server.



Final Step:

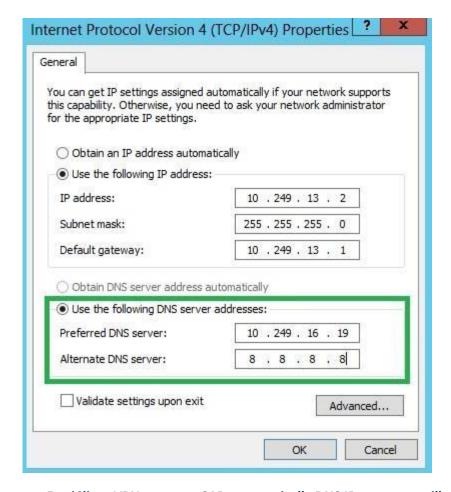
3.10.2 After providing the valid client number and credential details you cansuccessfully login in SAP Server to further access the SAP



applications.

4.0 Steps to access SAP & Other Enterprise Application from WebBrowser in End User Windows/MAC OS System

Before access the SAP Servers through Web interface, User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CIL DC under TCL Cloud. The DNS IP sequence in Enduser system must be Primary DNS IP is DC DNS IP and Secondary DNS IP will be GOOGLE public IP.



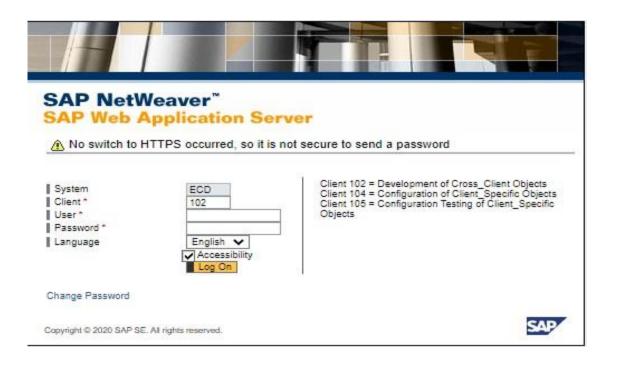
- 3.10.2.1 Note: If user connect FortiClient VPN to access SAP automatically DNS IP sequence will be change and assign primary DNS IP: 10.249.16.19 in end user systems.
- 3.10.2.2 Note: In MPLS network to make Primary DNS IP 10.249.16.19 in end user system, require changes in DHCP server to reflect the DNS setting automated mode in all systems or require to changes manuallyin all end user systems.

For accessing ECD via SAP Web GUI and others SAP Web applications on HTML:

http://delcilsapecd.coalindia.in:8000/sap/bc/gui/sap/its/webgui

Enter the login credentials with System & Client ID

Click on Login to access SAP ECD Server.



1. Image 2:



5.0 Steps to access SAPPID from Web browser in End User Windows/MAC OSSystem

User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CILDC under TCL Cloud to accessing SAP PID on HTML:

http://delcilsappid:50000/nwa

Click on Login to access SAP PID Server.



6.0 Steps to access SAPEPD from Web browser in End User Windows/MAC OSSystem

User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CILDC under TCL Cloud to accessing SAP PID on HTML:

http://delcilsapepd:50000/nwa

Click on Login to access SAP PID Server.

7.0 Steps to access SAPBID from Web browser in End User Windows/MAC OSSystem

User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CILDC under TCL Cloud to accessing SAP PID on HTML:

http://delcilsapbid:8080/BOE/CMC

Click on Login to access SAP PID Server.

8.0 Steps to access SAPMPD from Web browser in End User Windows/MAC OSSystem

User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CILDC under TCL Cloud to accessing SAP PID on HTML:

https://delcilsapmpd:8083/Admin/

Click on Login to access SAP PID Server.

9.0 Steps to access SAPMPD from Web browser in End User Windows/MAC OSSystem

User must be login with Fortinet SSL VPN Client Software or connect local MPLS network to access CILDC under TCL Cloud to accessing SAP PID on HTML:

http://delcilsapsmd:50200/nwa

Click on Login to access SAP PID Server.



-----Thank You-----