



SAP Client Application Installation & Configuration Guide



Tech Mahindra

SAP Client Application Installation & Configuration Guide V.2.0

12/13/20

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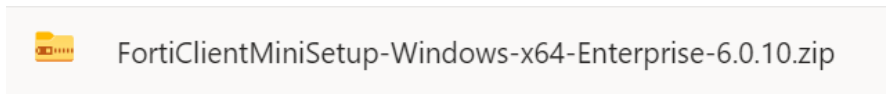
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1 Fortinet VPN Software Installation Steps in End User system

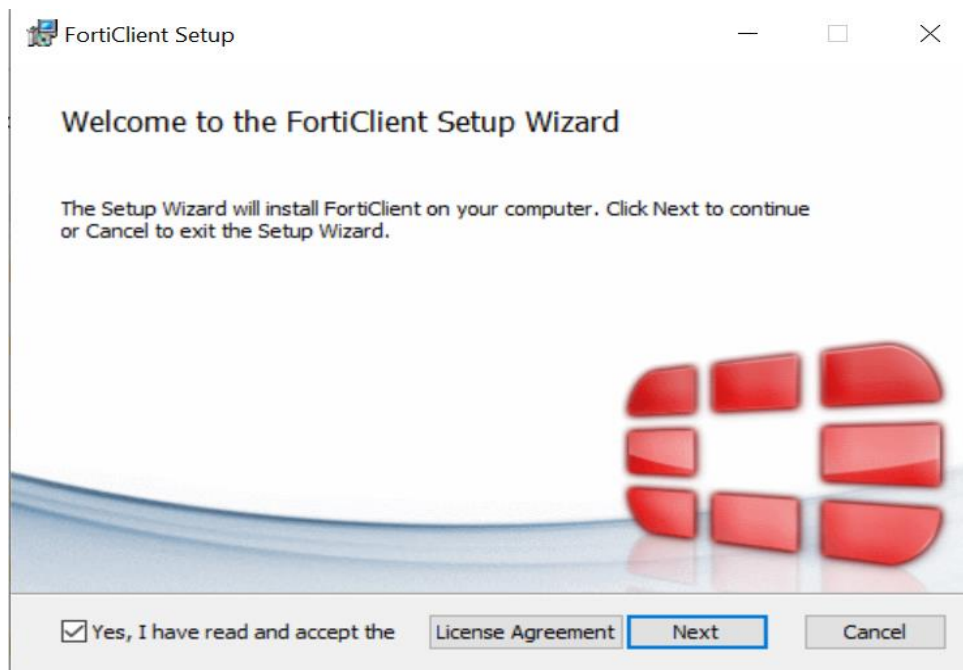
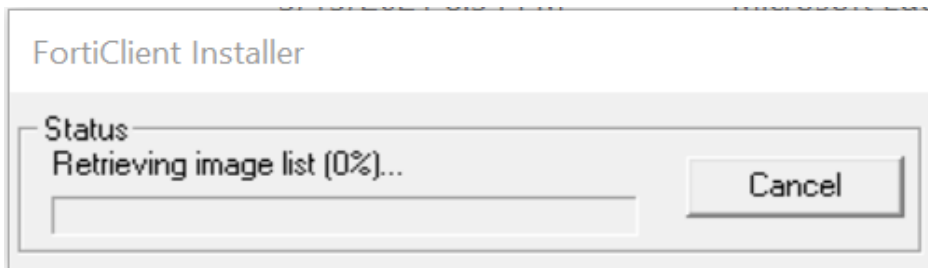
The below steps to follow to install Fortinet VPN client software to connect Tata Communication Cloud. VPN connection is required to access SAP without Router String configuration & SAP, NON-SAP Web applications & FTP Server.

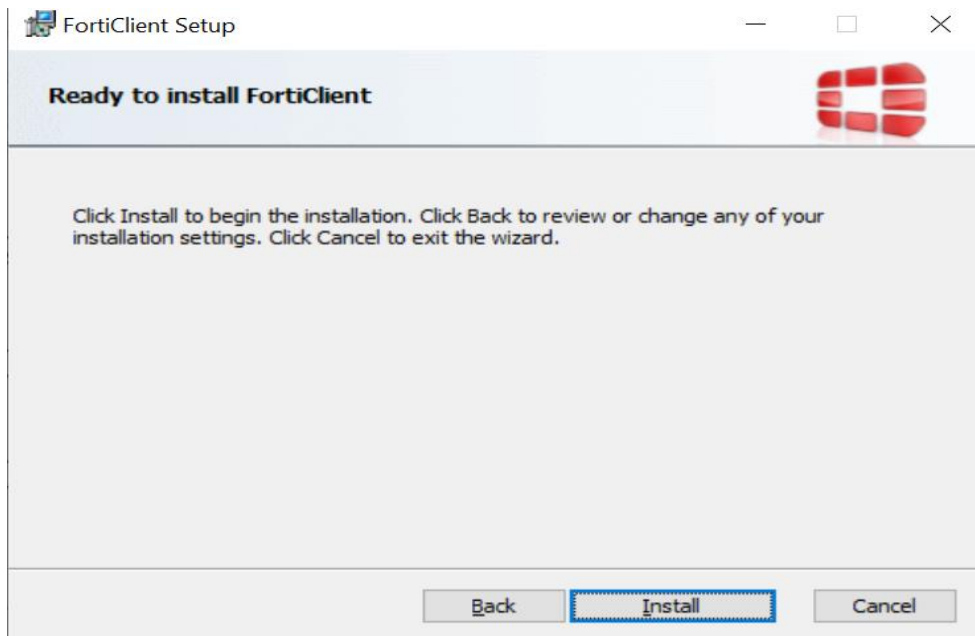
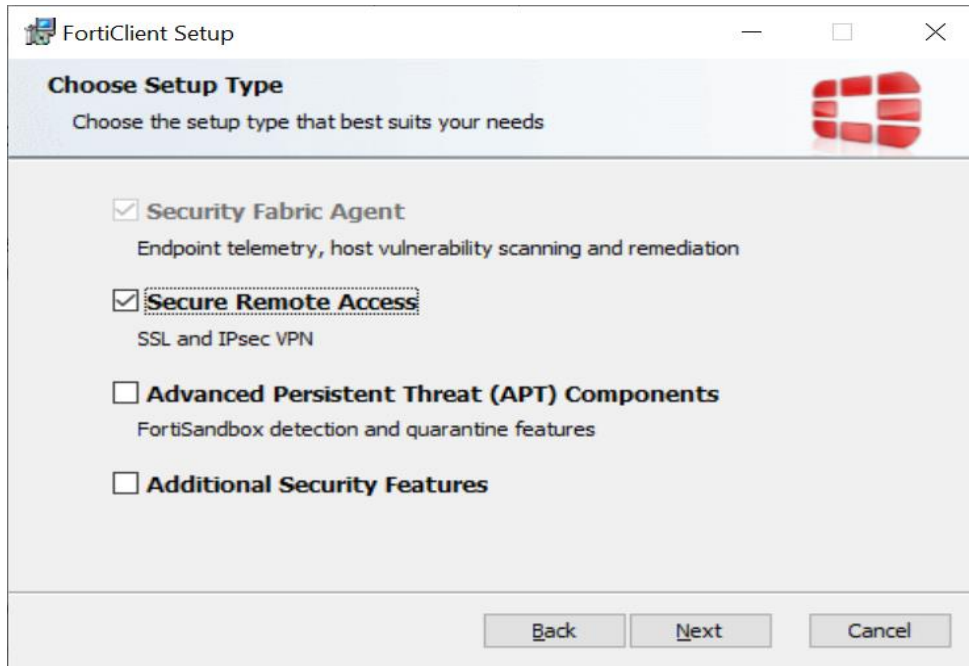
1.1 Guide to Login into TCL VM.

Use the [link](#) and download the highlighted zip file. It supports Windows & Mac.



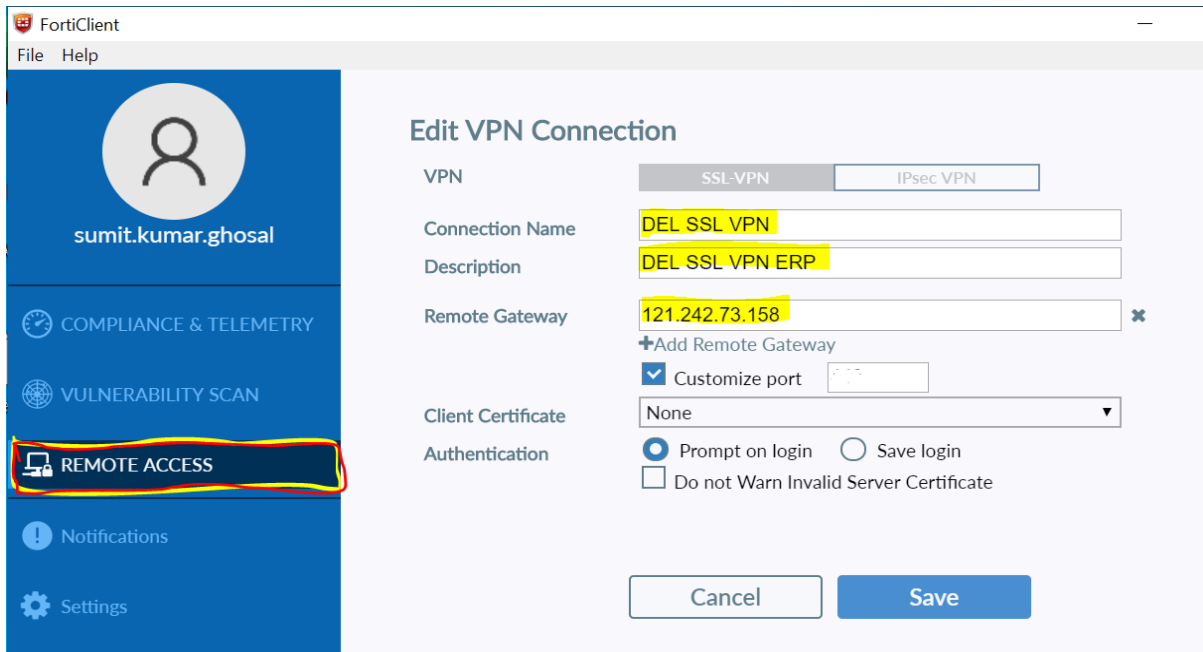
Unzip the file and Install to configure the Fortinet client in the System. It will take some time to download the file.



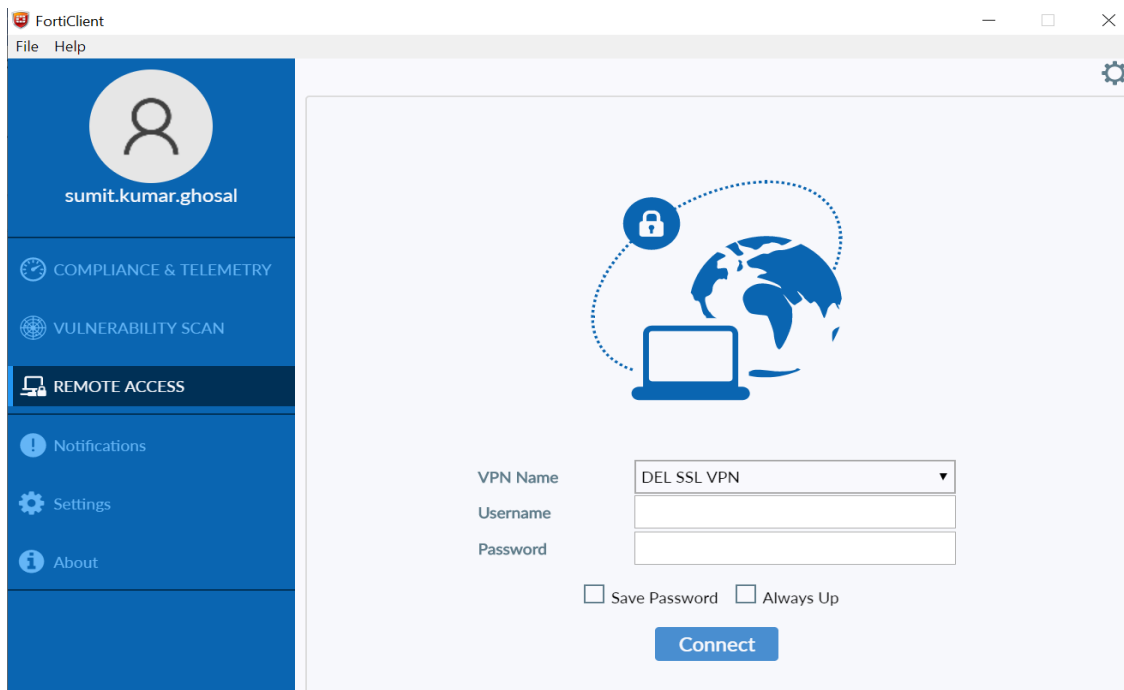


Once you open the Fortinet you can able to view the screenshot below. Go to the Remote Access tab and click on it.

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

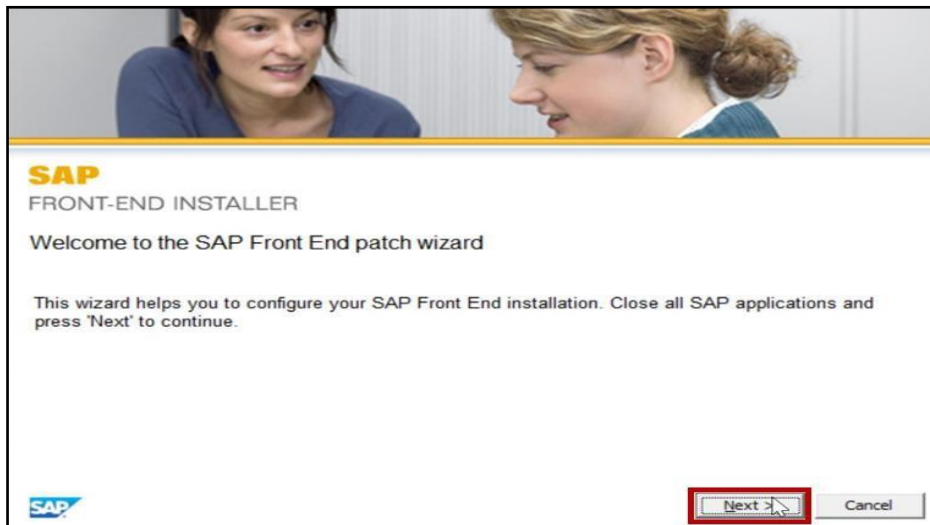
2.2 Download SAP GUI Software for Windows & MAC System from the below path.

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

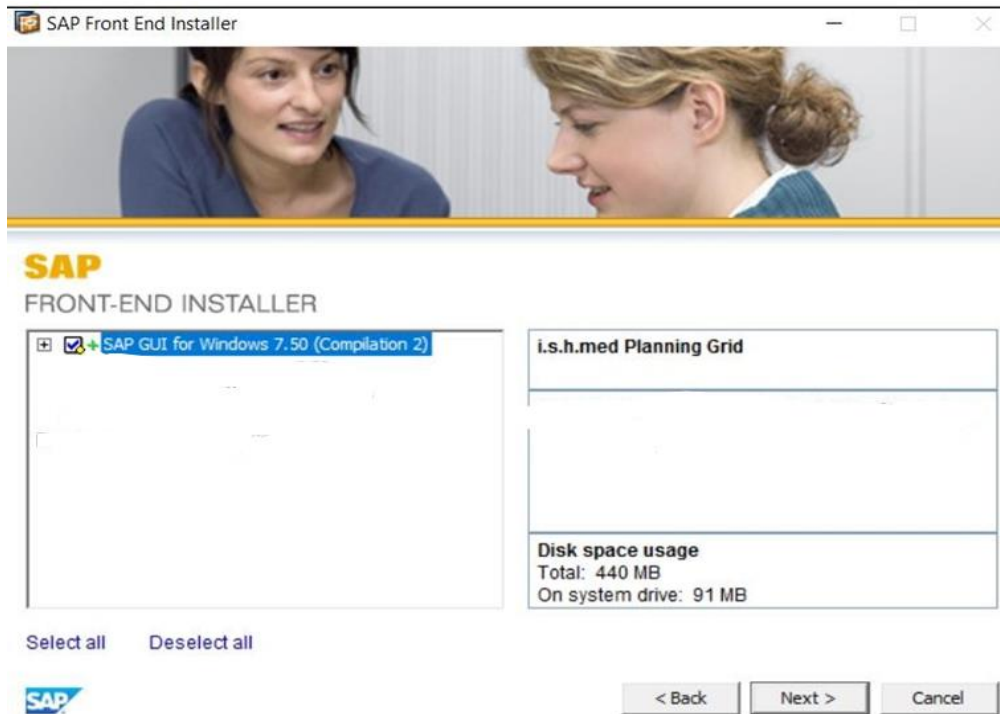
2.3 Installing SAP GUI for Windows

2.3.1 Download the SAP GUI 7.6 .exe file and install it using following steps.

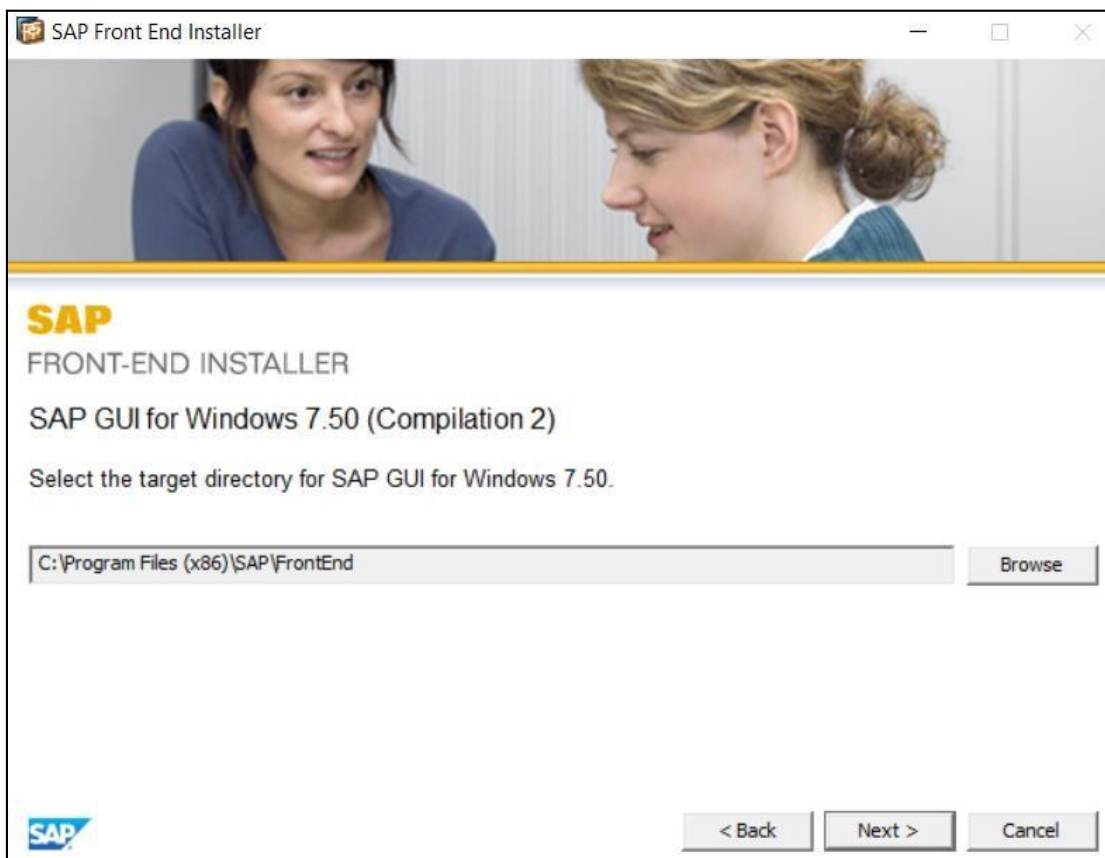
2.3.2 Click **Next**.



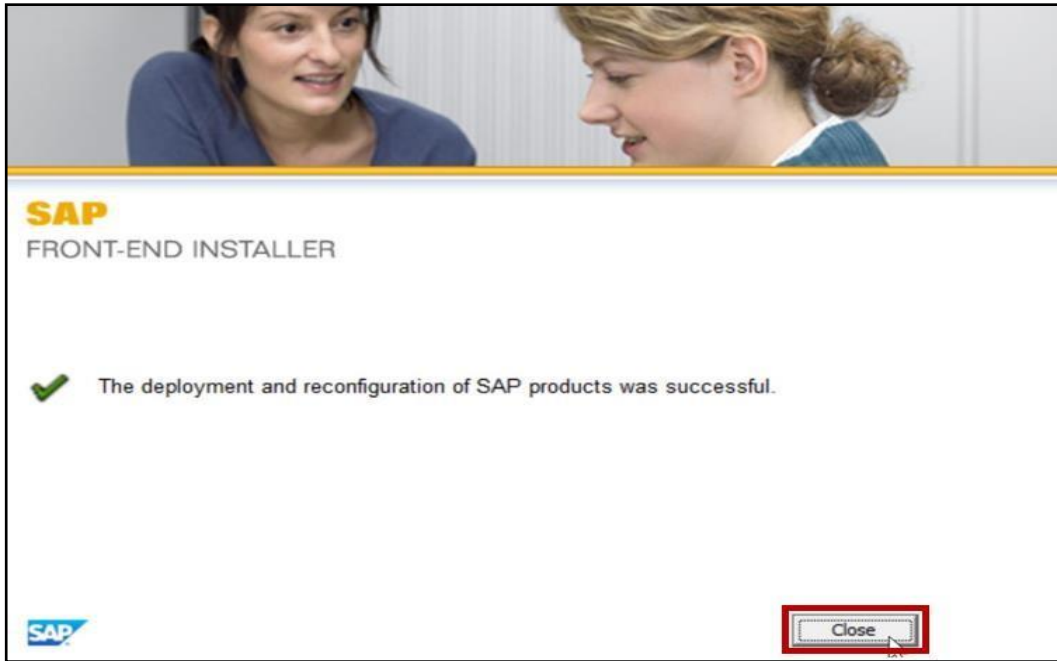
2.3.3 Click **Next**.



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:

The screenshot shows the 'System Entry Properties' dialog box with the 'Connection' tab selected. The 'Connection Type' is set to 'Custom Application Server'. Below this, the 'System Connection Parameters' section contains the following fields:

Field	Value
Description:	ECD Development
Application Server:	10.249.13.55
Instance Number:	00
System ID:	ECD
SAProuter String:	/H/121.242.73.147/S/3299

ECQ SERVER

System Entry Properties



Connection Network Code Page

Choose the connection type and change the system parameters as required. Delete the old description if you want the system to propose a description. Button 'OK' is only active when all required input data has been entered.

Connection Type:

System Connection Parameters

Description:

Application Server:

Instance Number:

System ID:

SAProuter String:

ECP SERVER:

System Entry Properties

Connection Network Code Page

Choose the connection type and change the system parameters as required. Delete the old description if you want the system to propose a description. Button 'OK' is only active when all required input data has been entered.

Connection Type:

System Connection Parameters

Description:

Application Server:

Instance Number:

System ID:

SAProuter String:

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:

System Entry Properties

Connection Network Code Page

Choose the connection type and change the system parameters as required. Delete the old description if you want the system to propose a description. Button 'OK' is only active when all required input data has been entered.

Connection Type:

System Connection Parameters

Description:

Application Server:

Instance Number:

System ID:

SAProuter String:

ECQ SERVER:

System Entry Properties

Connection Network Code Page

Choose the connection type and change the system parameters as required. Delete the old description if you want the system to propose a description. Button 'OK' is only active when all required input data has been entered.

Connection Type:

System Connection Parameters

Description:

Application Server:

Instance Number:

System ID:

SAProuter String:

ECP SERVER:

System Entry Properties

Connection Network Code Page

Choose the connection type and change the system parameters as required. Delete the old description if you want the system to propose a description. Button 'OK' is only active when all required input data has been entered.

Connection Type:

System Connection Parameters

Description:

Application Server:

Instance Number:

System ID:

SAProuter String:

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

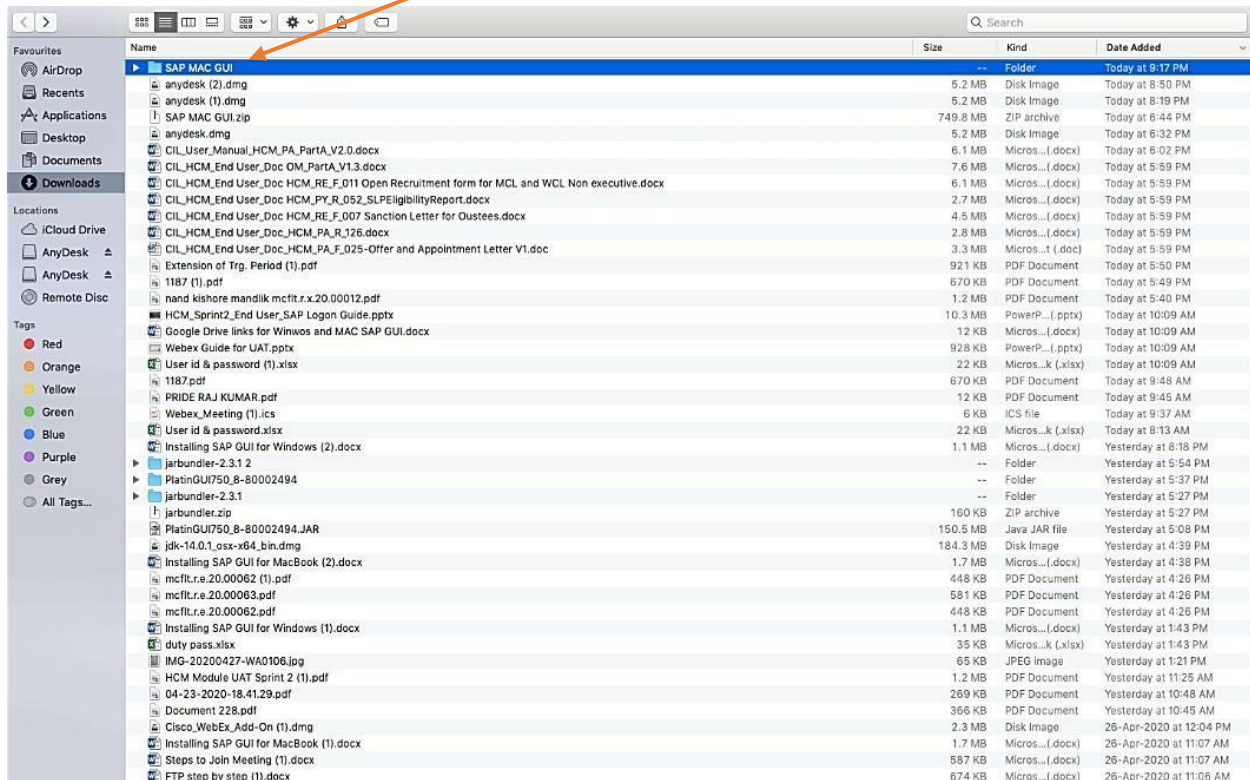
This Document contents the SAP GUI 7.5 Frontend Application installation and configuration steps. You can download the same from the following link.

<https://teams.microsoft.com/#/files/General?threadId=19%3AAdd3d3c7f05484badb1ef1ab4402a340c%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.

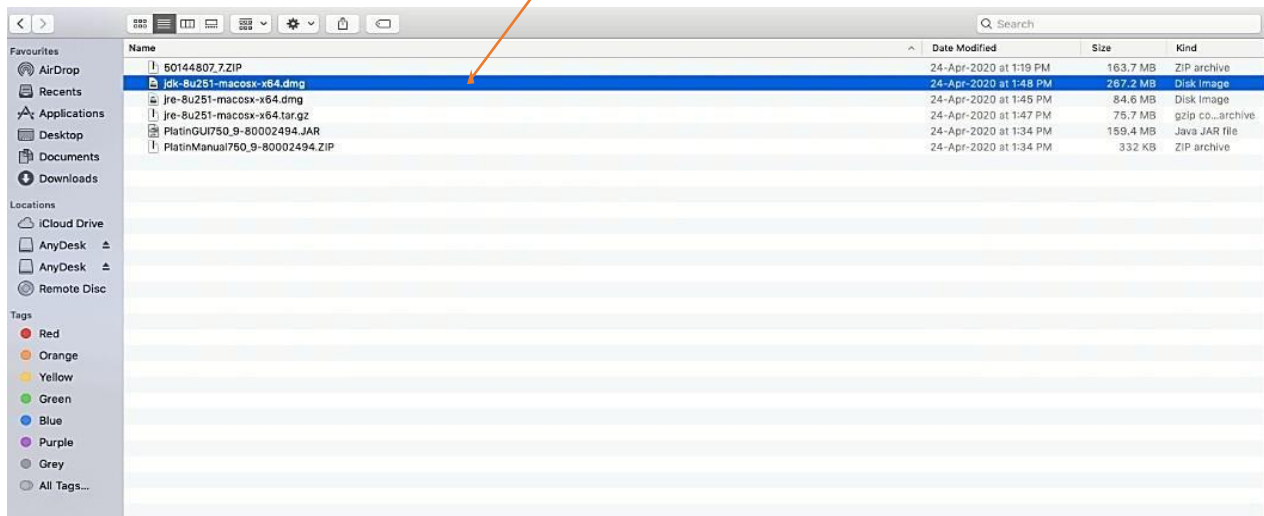


3.2 JAVA Development KIT installation Steps

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

Step 2:

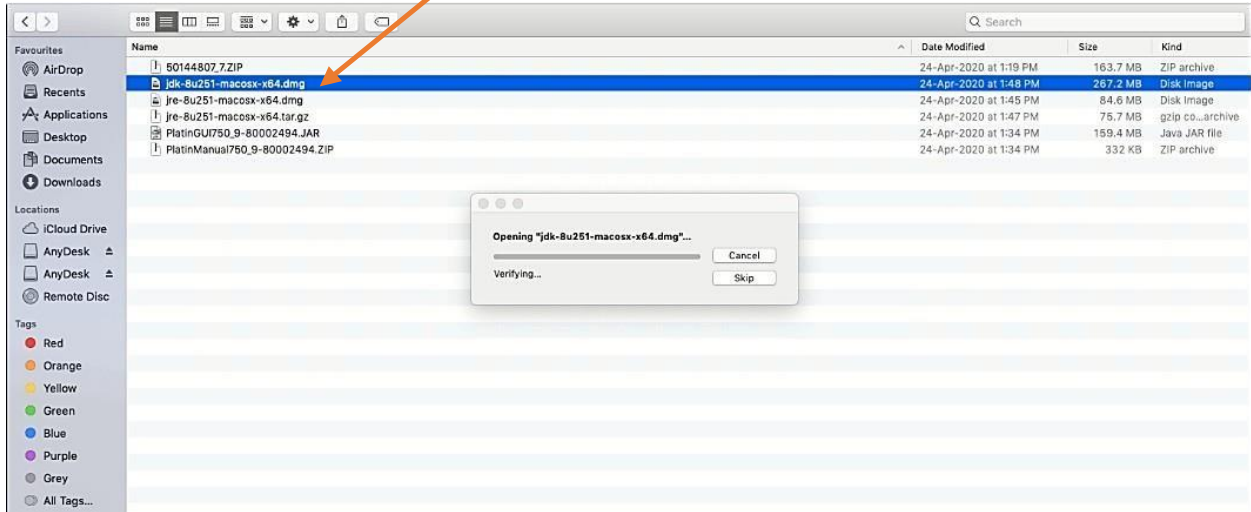
3.2.2 After Open the SAP MAC GUI Folder, **Select** JDK 8 X64.dmg file and double click to Start the installation JDK in system.



Step 3:

3.2.4 After double

3.3 click the **jdk .dmg software** 3.3.1 JDK will start the installation.



Step 4:

Require to **Double click the JDK 8 Update 251.pkg** to continue the installation.





Step 5:

Click to **Continue** to 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.





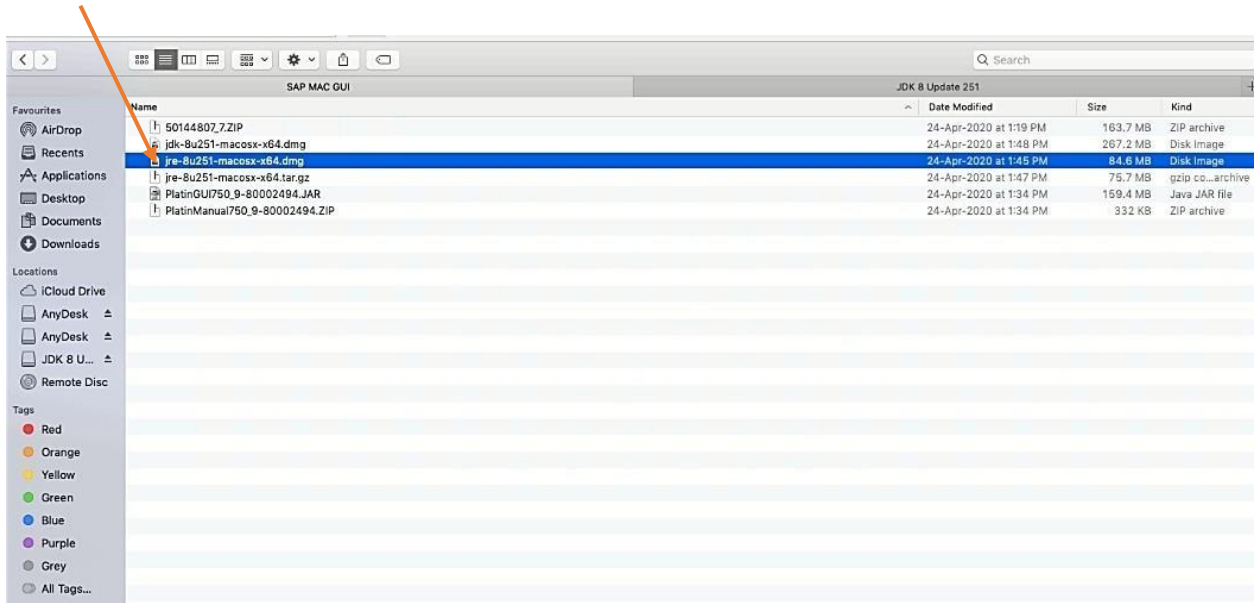
Close

3.3 JAVA RUN TIME Environment Installation Steps

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

Step 9:

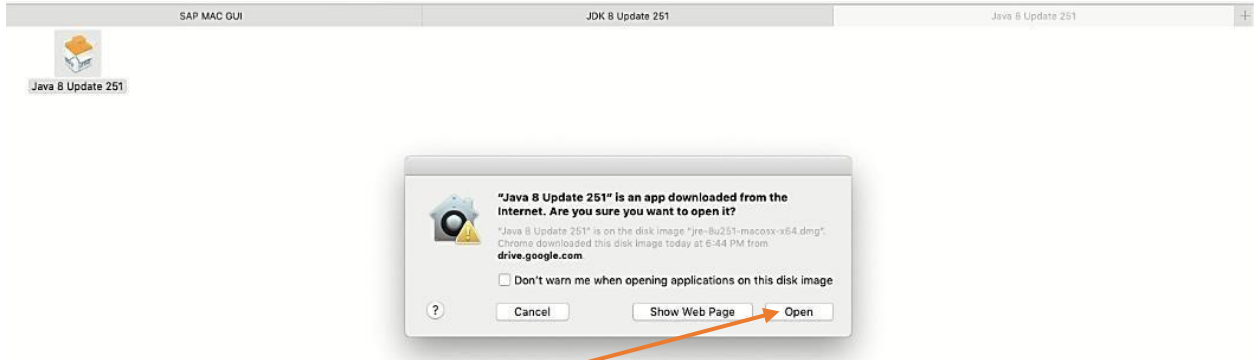
3.3.4 **Select** JRE 8 X64.dmg file and double click to Start the installation JRE.



Step 10:

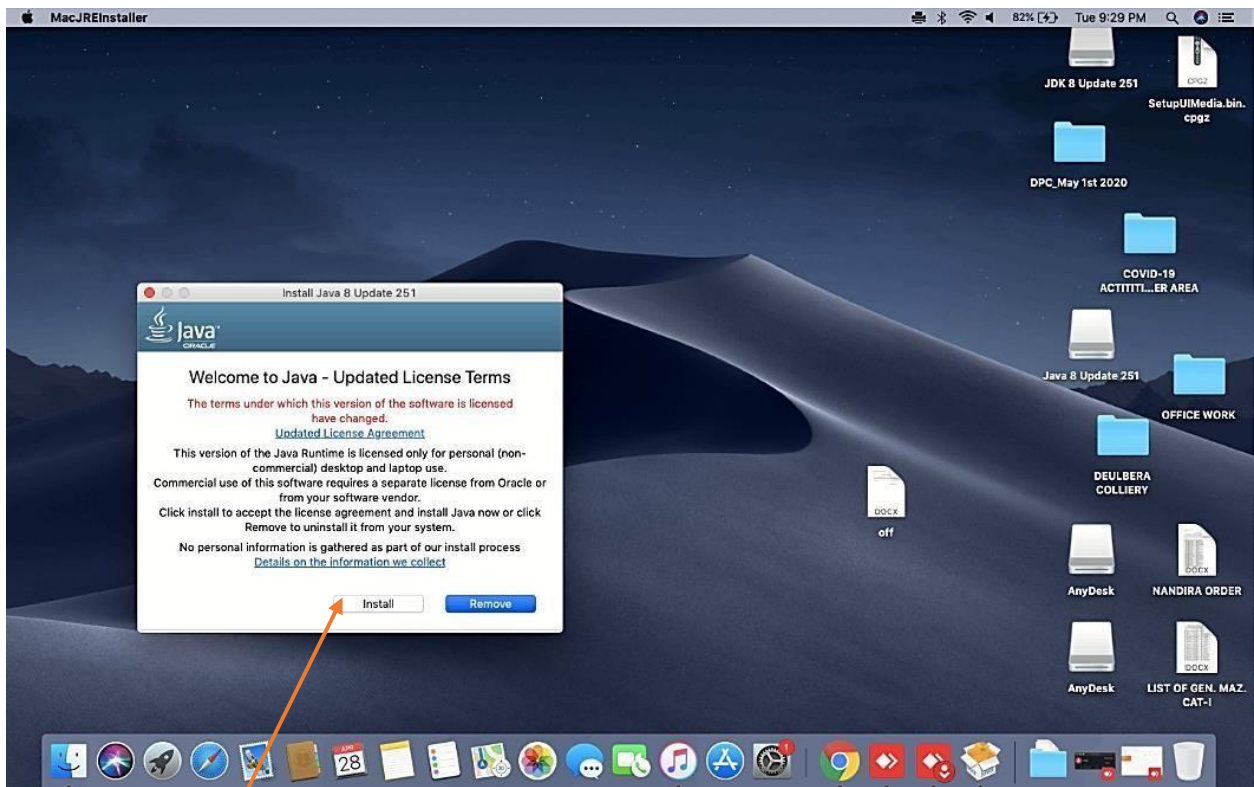
3.3.5 Require to **Double click the JAVA 8 Update 251.pkg** to continue the installation.





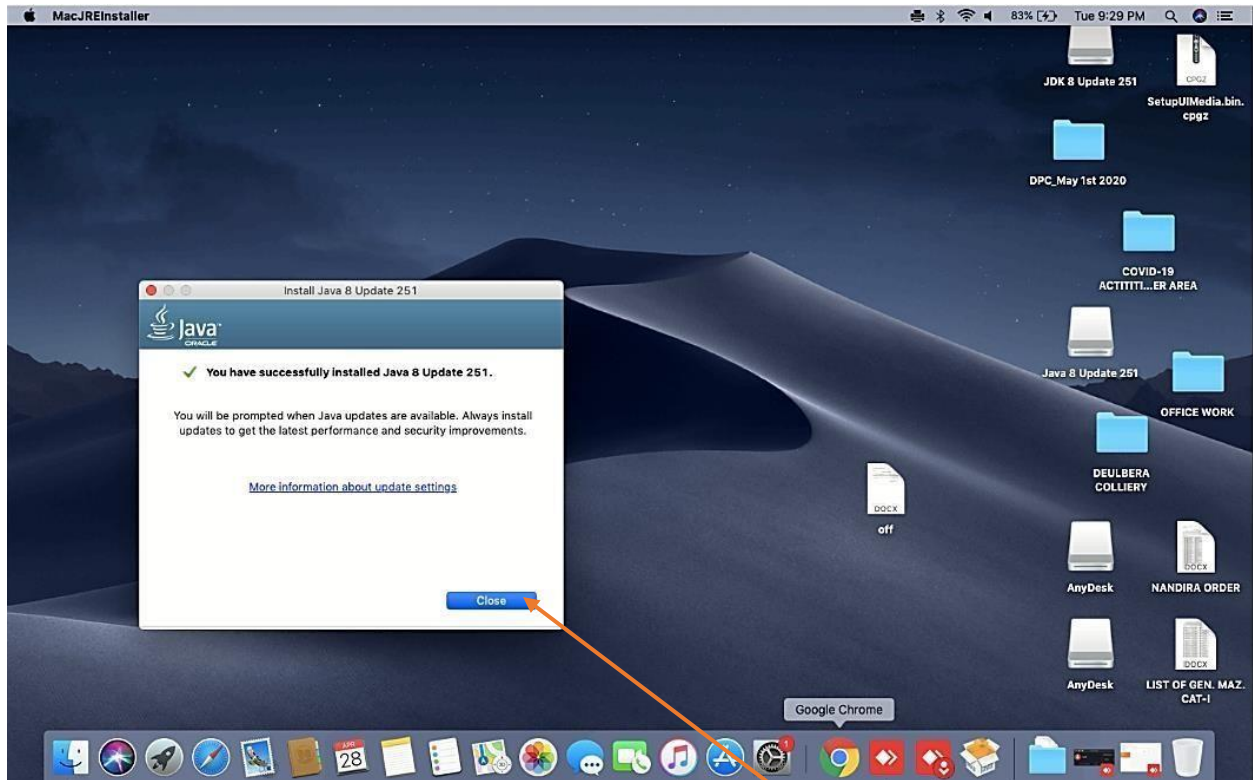
Step 11:

3.4.1 Click in **open** to continue the JRE installation in system.



Step 12:

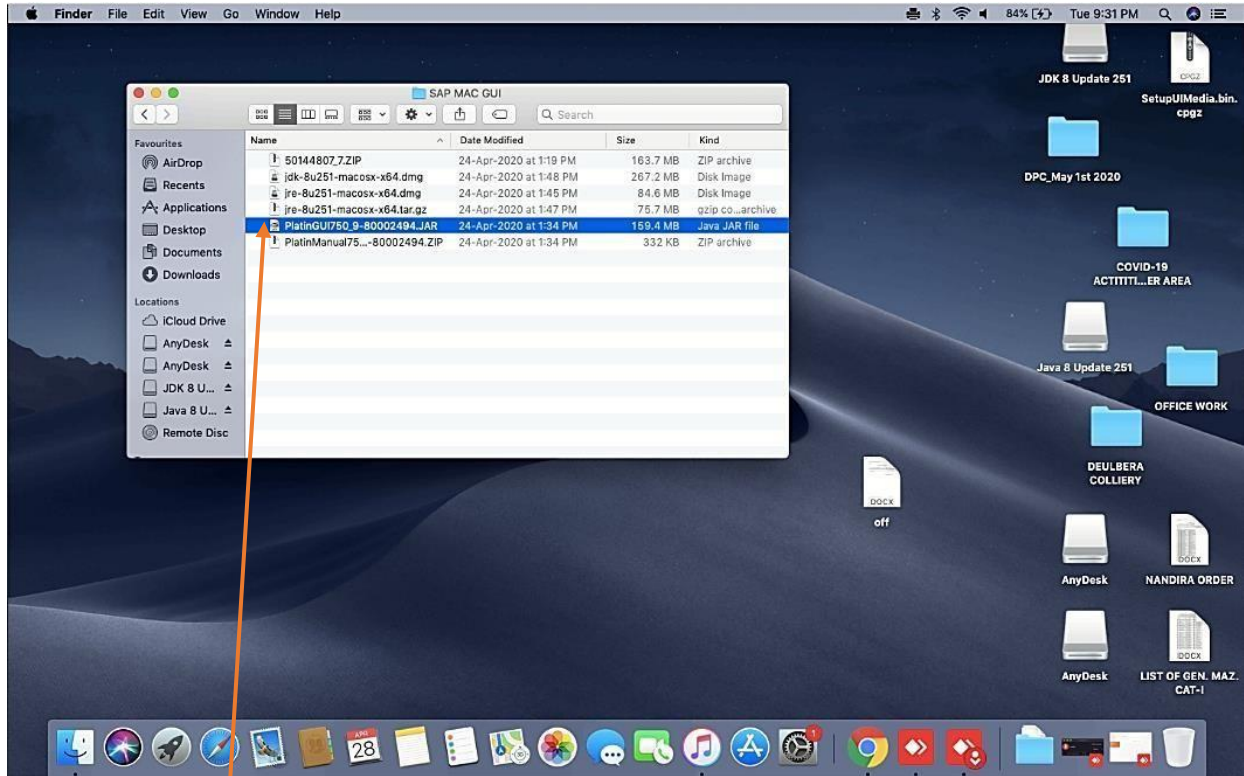
3.4.1 Click in **install** to resume the JRE installation in system.



Close

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.

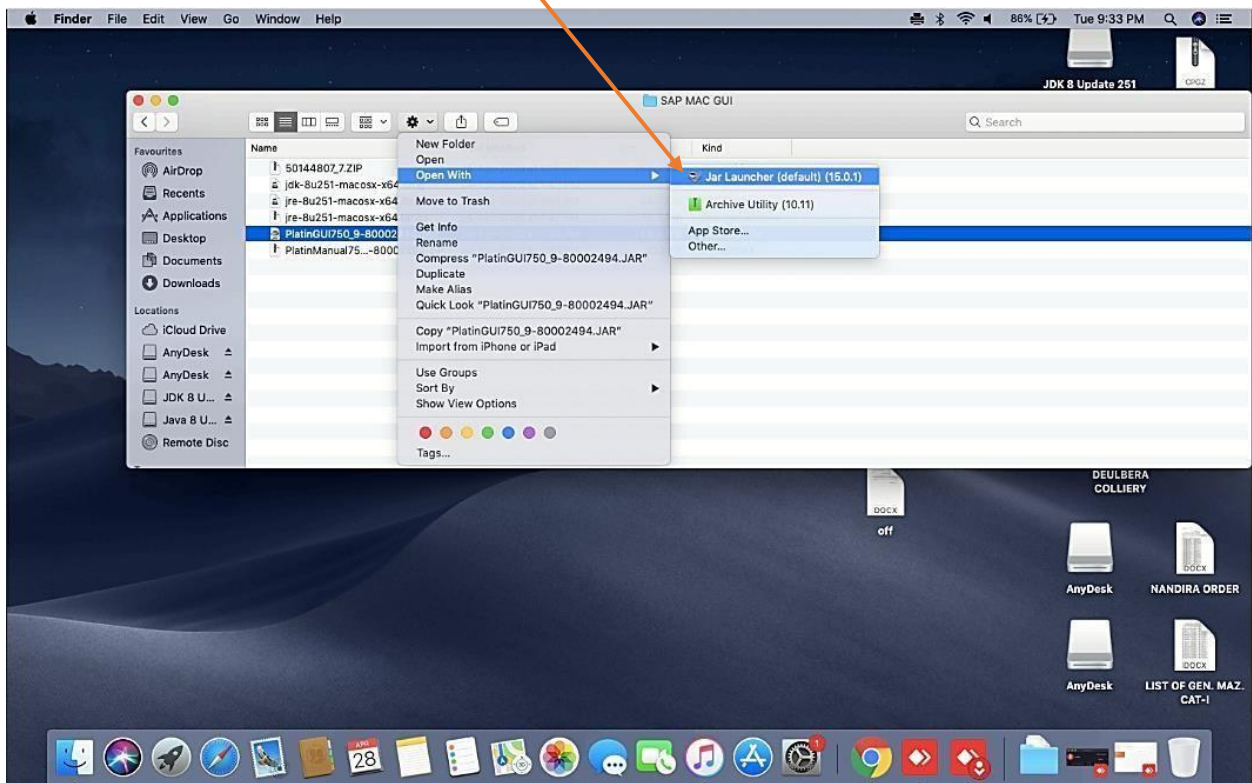


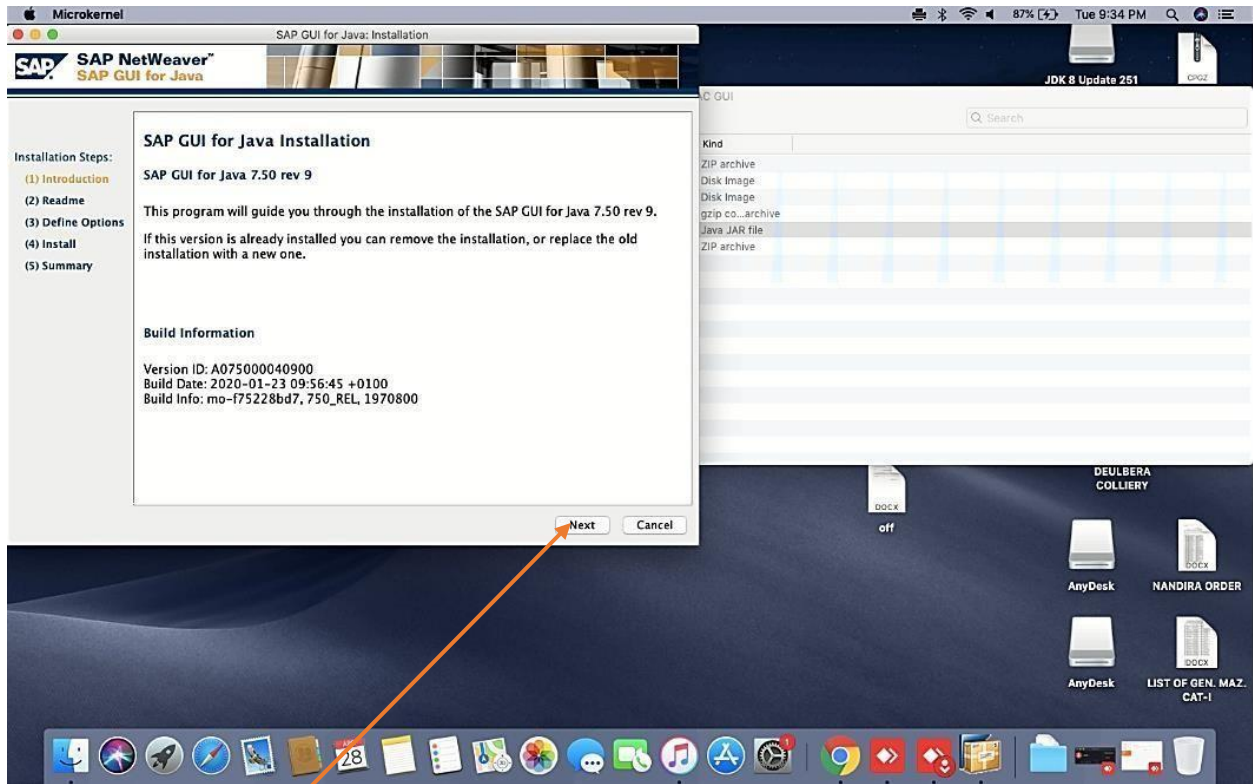
Step 14:

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

Step 15:

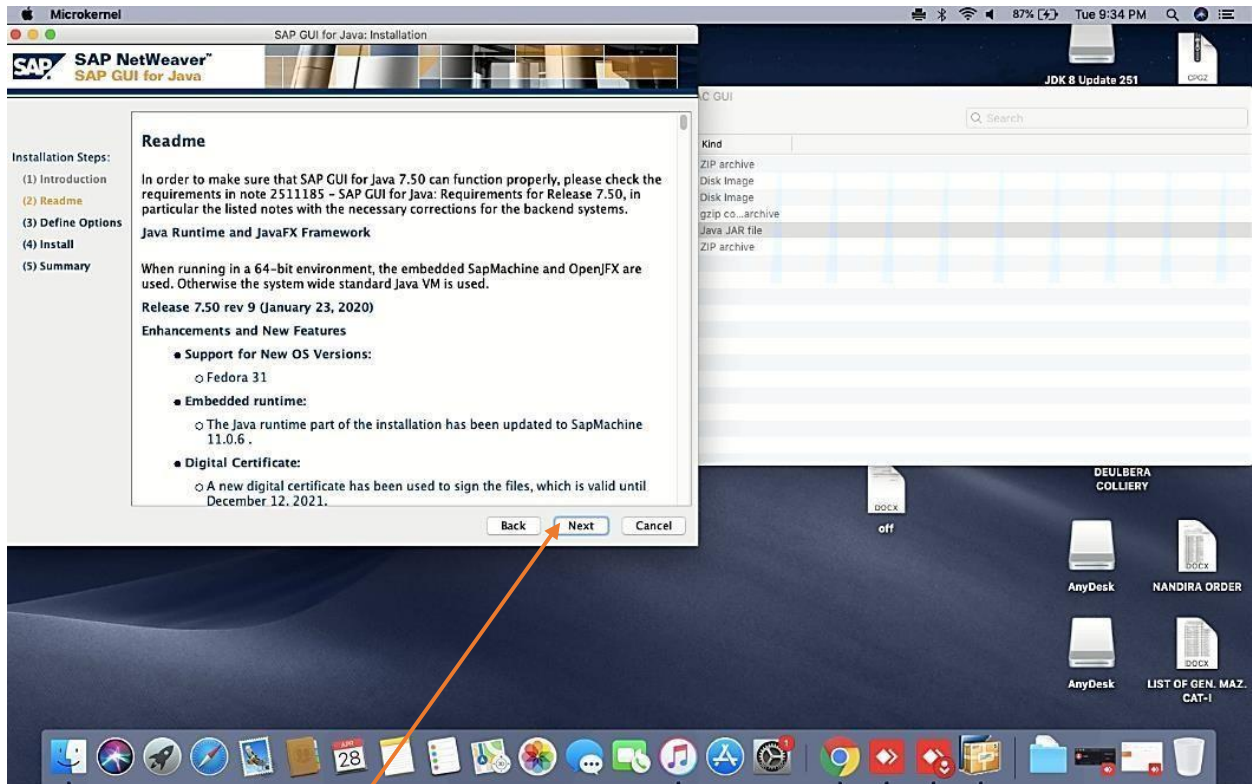
Select Open with and **Select JAR Launcher (default) (15.0.1) 3.4.3** to start the GUI installation.





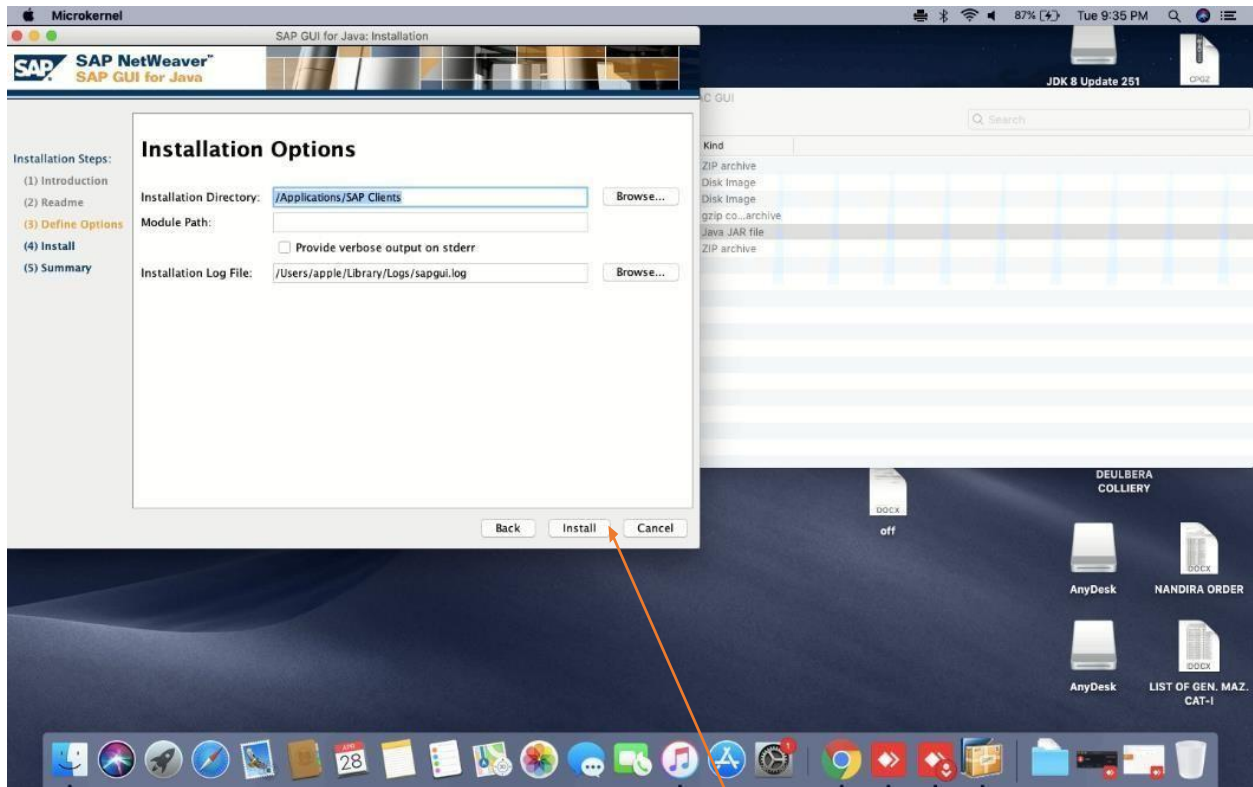
Step 16:

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



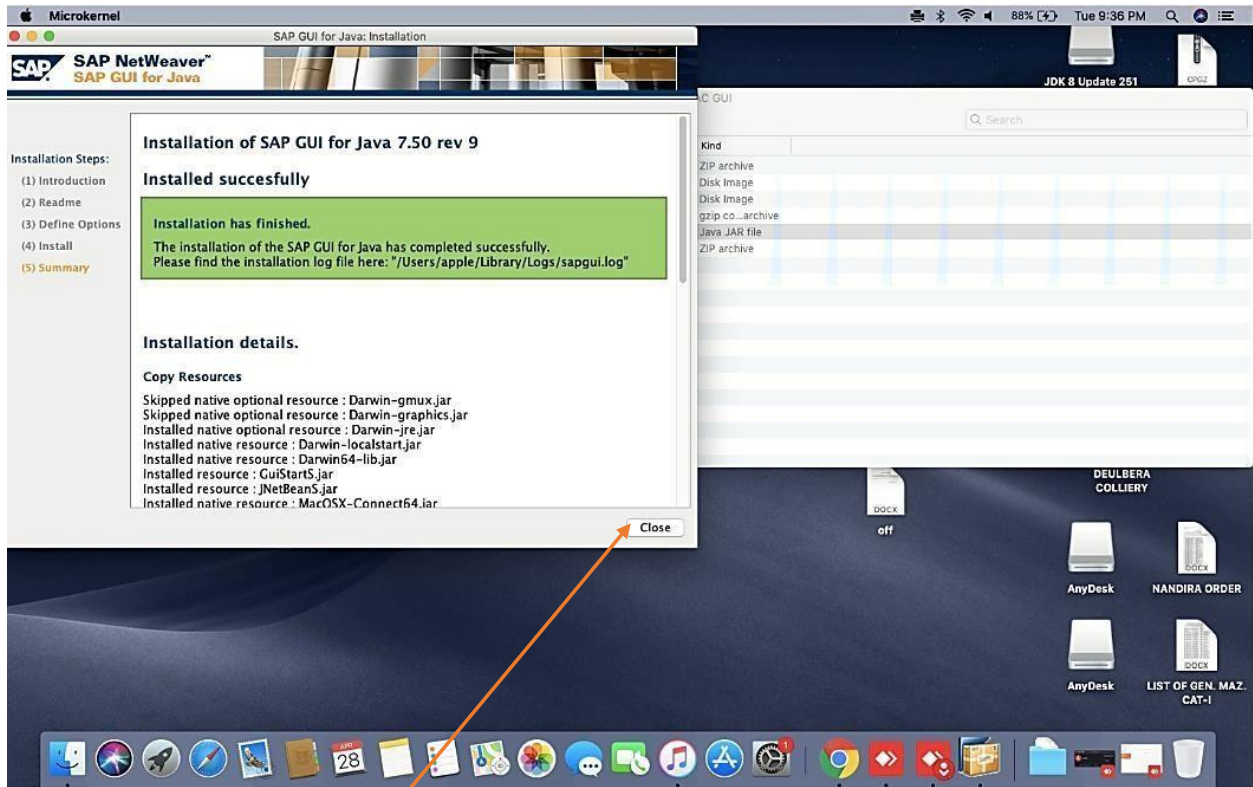
Step 17:

Again, **Click on Next button** to continue the GUI installation.



Step 18:

3.4.5 Keep all the Installation Options by default and **click on Install** 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:

Click in MAC system **Go Option** Select **Application** option to access SAP GUI Client folder.



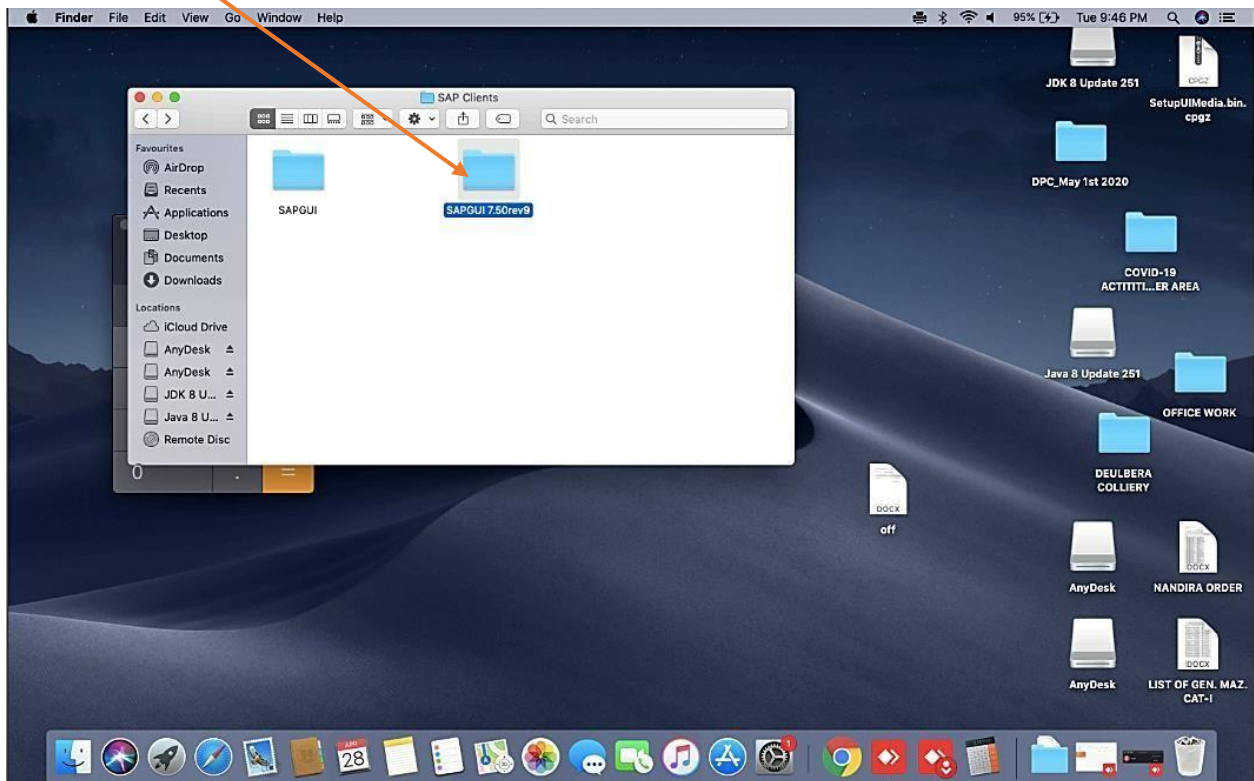


Step 21:

Select and Open SAP Client folder.

Step 22:

Select and Open SAP GUI 7.50rev9.



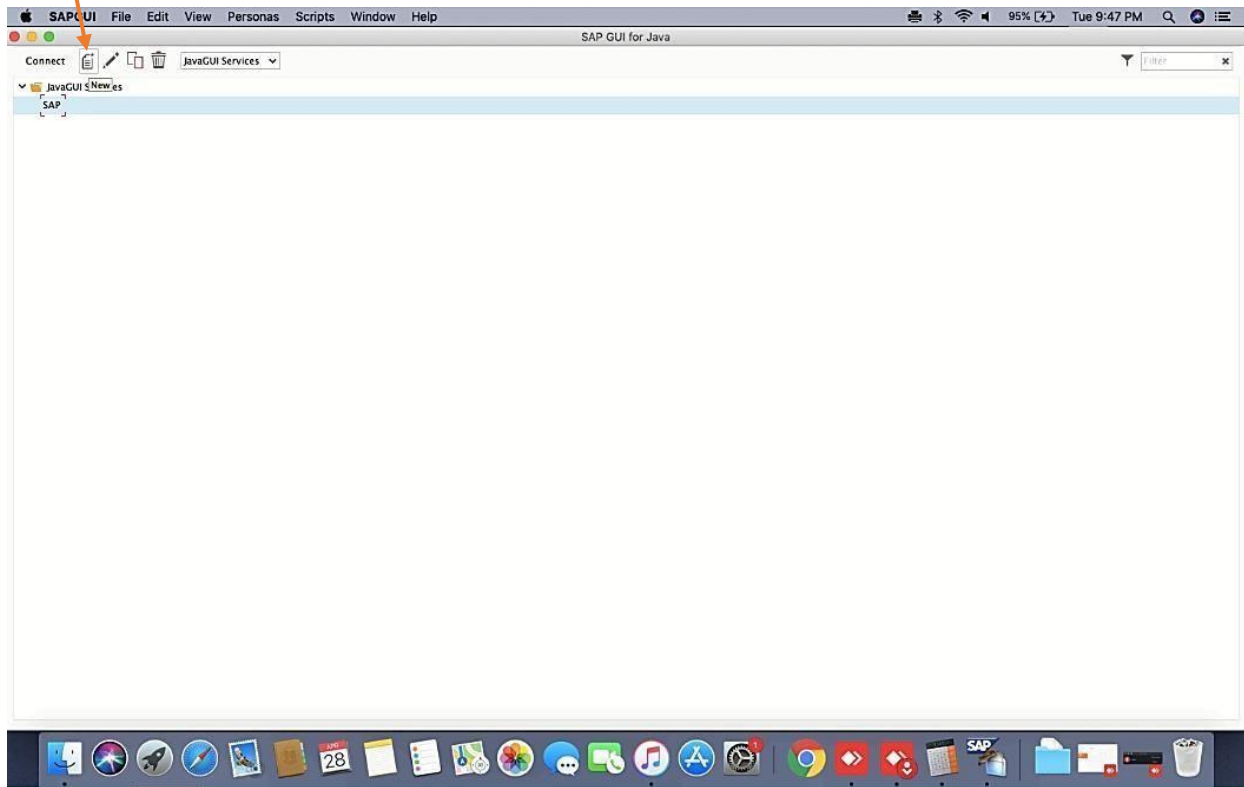
Step 23:

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 strings details 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.

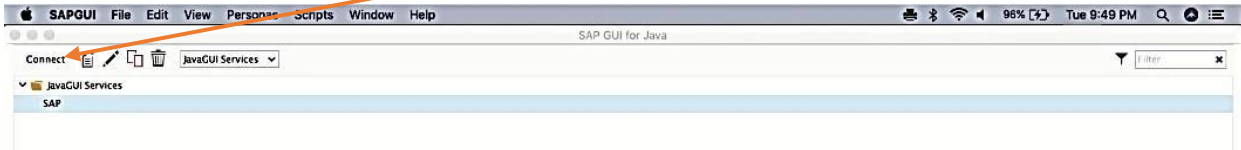
3.10 For ECP Server Configuration without SAP Router String

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

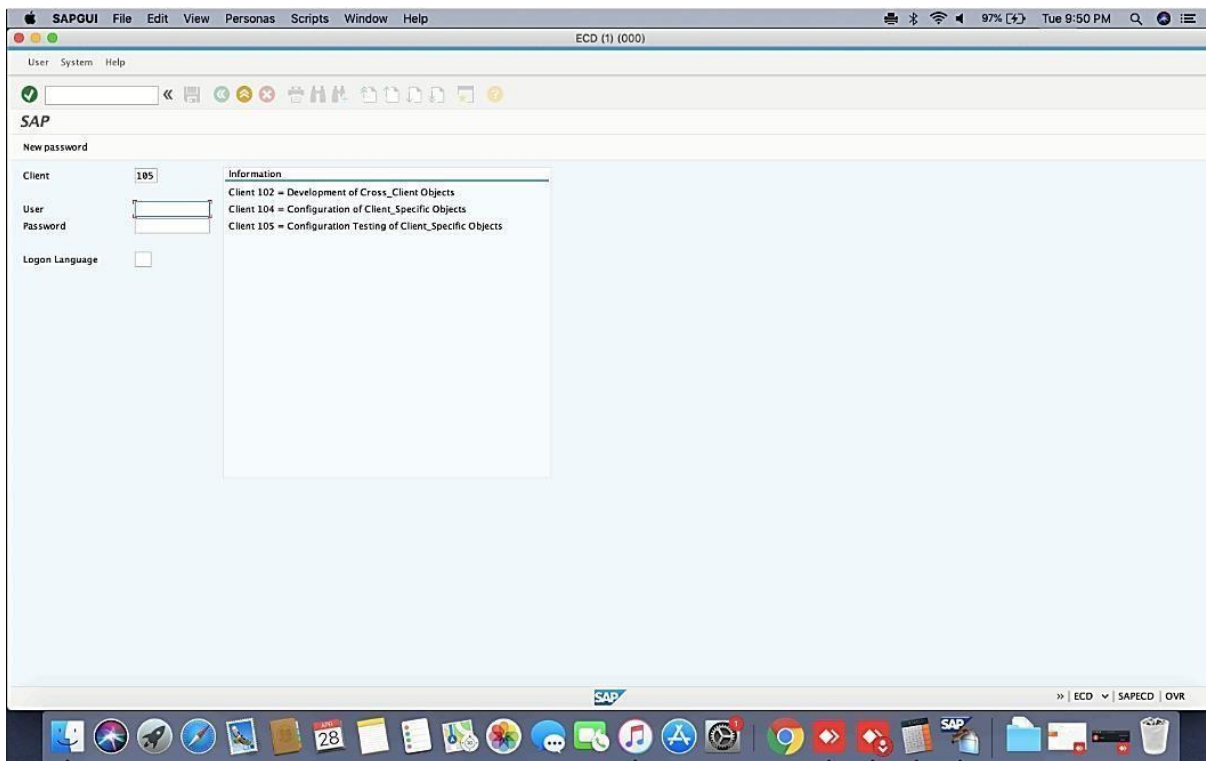
Step 29:

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



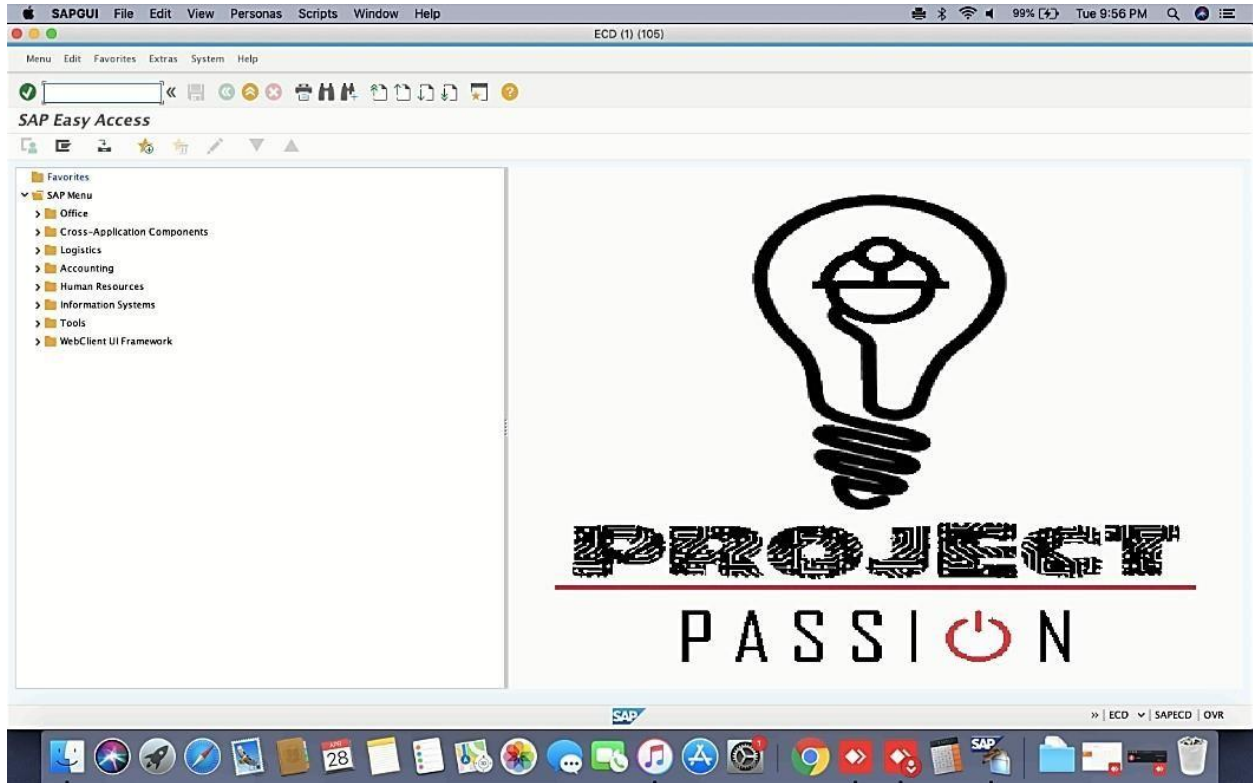
Step 30:

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:

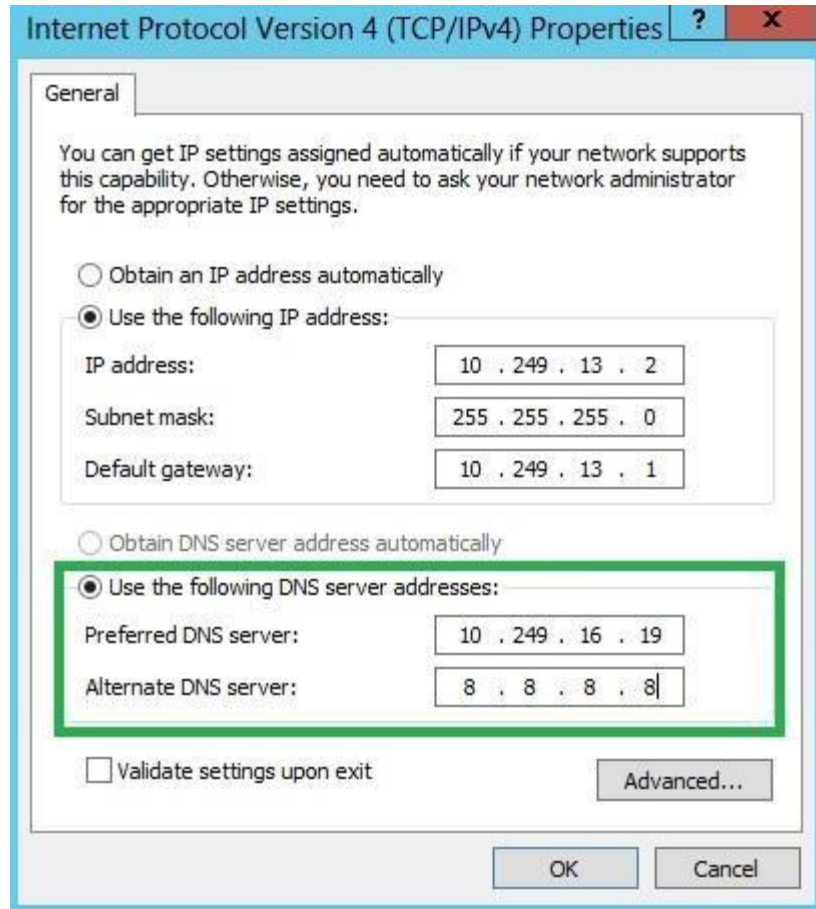
3.10.2 After providing the valid client number and credential details you can successfully login in SAP Server to further access the SAP



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.

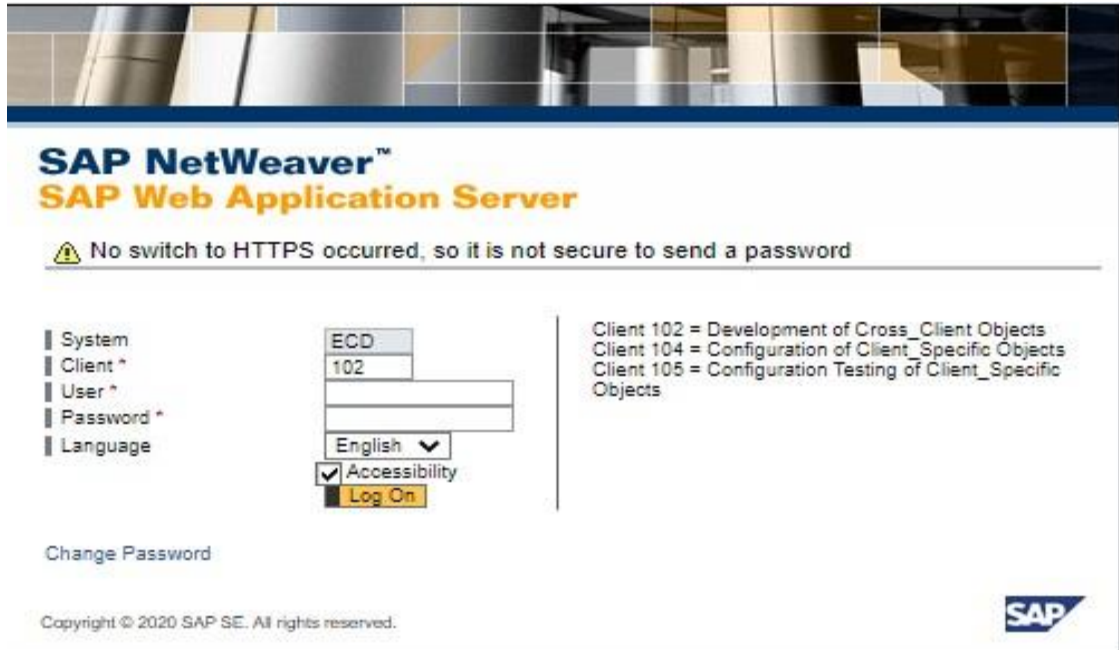
3.10.2.2 Note: In MPLS network to make Primary DNS IP 10.249.16.19 in end user system, require changes in DHCP server to reflect the DNS setting automated mode in all systems or require to changes manually in all end user systems.

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

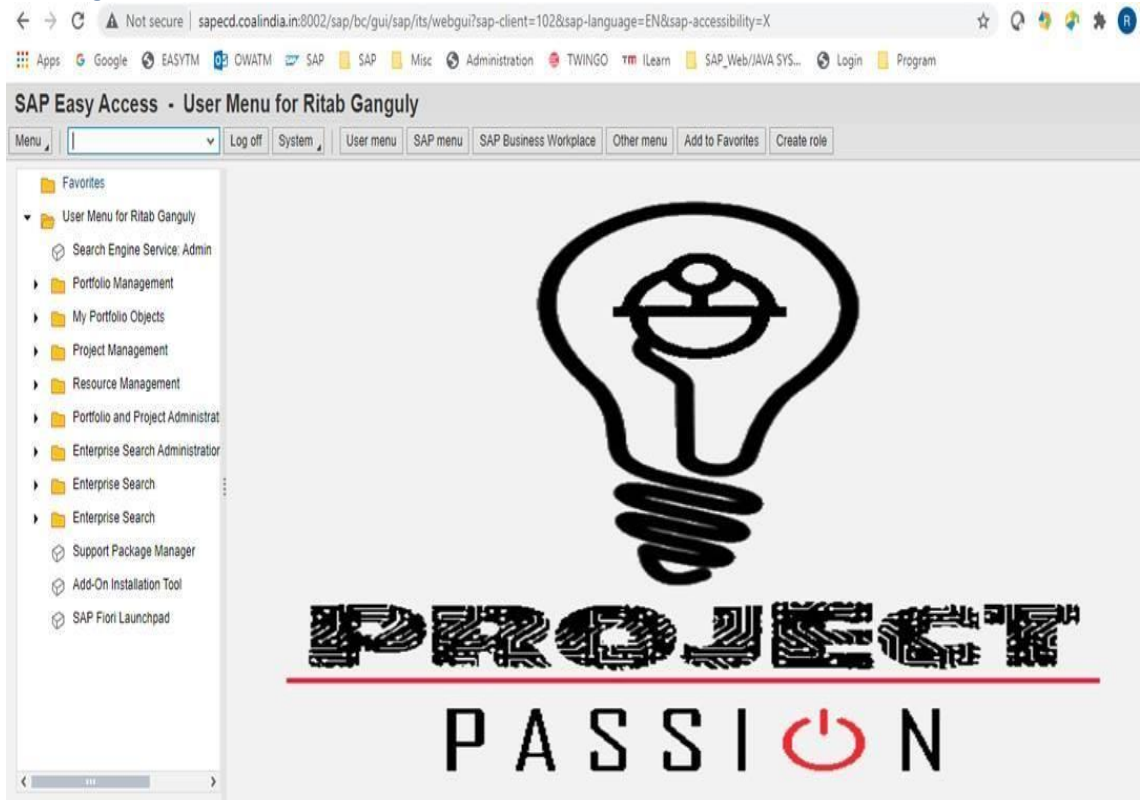
<http://delcilsapecd.coalindia.in:8000/sap/bc/gui/sap/its/webgui>

Enter the login credentials with System & Client ID

Click on Login to access SAP ECD Server.



1. Image 2:

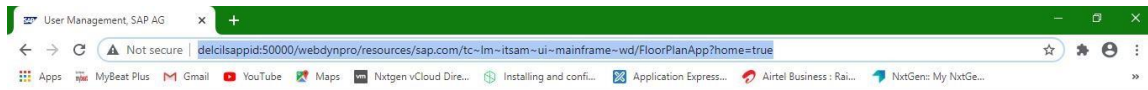


5.0 Steps to access SAPPID from Web browser in End User Windows/MAC OSSystem

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/>

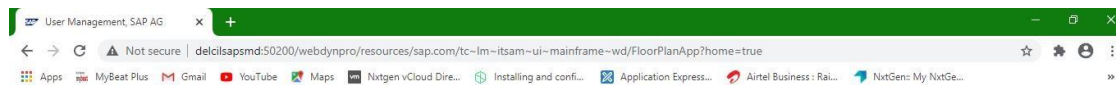
Click on Login to access SAP PID Server.

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-----
