ABAQUS INSTALLATION

STEP 1:

LICENSE REQUEST

- Before Install kindly copy the below link and paste it on the browser and fill the form to use this software. <u>http://web.iitm.ac.in/licenserequest/</u>
- > To download the software, to login <u>https://hpce.iitm.ac.in/</u> using your LDAP credentials.
- > After the login, on the right side below the Quick links \rightarrow click commercial software to download the software.

STEP 2:

LICENSE SERVER ACTIVATION FOR WINDOWS

- > For communicating with license manager, host file is to be edited.
- ➢ Open Notepad as an administrator (In windows search bar →search notepad → right click on notepad → click run as administrator)
- > In that File \rightarrow open, then C:\Windows\System32\drivers\etc

Then select file type as "All" to view the files and open the **host** file and add last line as below **10.24.0.171** (give one tab space) **cclicserver.iitm.ac.in** (give one tab space) **leo** and save the file.

10.24.0.171 cclicserver.iitm.ac.in leo

For Linux:

Make an entry of **cclicserver.iitm.ac.in** in your **/etc/hosts** file

- **a.** Logging as root or sudo user in your terminal and type **vi /etc/hosts**
- b. Add the last as below, 10.24.0.171 cclicserver.iitm.ac.in leo

Important Note: The instruction would be of bit length but quite easier.

STEP 3:

For windows:

1) Create one new folder and move all the tar files to the newly created folder.

2) Select all the four tar files, and then extract the tar file using **7zip or WinRAR** software. (Kindly note that it should be extracted to single folder)

3) Go to the extracted folder \rightarrow AM_SIM_Abaqus_Extend.AllOS \rightarrow 1 \rightarrow run the "setup" file via run as administrator.

For linux:

1) Create one new directory and move all the downloaded tar files to newly created directory.

2) Then, go to terminal and extract the tar files one by one using below command

a. tar -xvf 2018.AM_SIM_Abaqus_Extend.AllOS.1-4.tar

b. tar -xvf 2018.AM_SIM_Abaqus_Extend.AllOS.2-4.tar

c. tar -xvf 2018.AM_SIM_Abaqus_Extend.AllOS.3-4.tar

d. tar -xvf 2018.AM_SIM_Abaqus_Extend.AllOS.4-4.tar

3) All 4 tar files will be extracted to a single folder. Then, go to that extracted folder $AM_SIM_Abaqus_Extend.AllOS \rightarrow 1$ run the executable file using below command sudo ./StartGUI.sh

STEP 4: Click "Next"



STEP 5: Select "FLEXnet license server, SIMULIA Established Products, SIMULIA Established Products CAAAPI and Isight" and Click "Next"

	Filter	Show	Installable Components	
DEXPERIENCE	Extended Produ Extended Produ FLEXnet Licens SIMULIA Establi SIMULIA Establi	ct Documentation e Server shed Products shed Products CAAAPI		

STEP 6: Click "INSTALL"

🛞 SIMULIA 2023 Establishe	-	SIMULIA 2023 Established Products		\times
The SI SU SU SU V.R SDEXPERIENCE		The installation program has enough information to start. Selected Components: FLEXnet License Server SIMULIAEstablished Products SIMULIAEstablished Products CAAAPI Isight		
	Install >	< Back	Can	cel

STEP 7: Click "Next"

SIMULIA FLEXnet	SIMULIA FLEXnet 2023 License Server -			×
	Choose the installation directory to update or an empty directory to do a new ir	ostalla	tion:	
<i>\$</i> S SIMULIA	C:\SIMULIA\License\2023	Browse		
	< Back Next >		Cance	

STEP 8: Select "Files only" check box and Click "Next"



STEP 9:Click "INSTALL".

SIMULIA FLEXnet 2	SIMULIA FLEXnet 2023 License Server				\times
<i>3</i> s simulia	The installation program has enough info Files will be installed in the following di C:\SIMULIA\License\2023 Files only - do not start the license serve	rmation to start. rectory: er program			
	Space available: 278.31 GB		Space requ	iired: 58.4	7 MB
		< Back	Install >	Cance	el

STEP 10: Click "Next"



STEP 11: Select the modules and Click "Next"

SIMULIA Establishe	d Products 2023 —		×
<u></u> 3s simulia	Select the components you want to install in directory C:SIMULIA:EstProducts/2023		
	< Back Next >	Cance	el

STEP 12: Select the "SIMULIA FLEXnet" Click "Next"



STEP 13: In License Server 1 enter the "cclicserver.iitm.ac.in" and Click "Next"

i SIMULIA Establish	SIMULIA Established Products 2023			\times		
2	SIMULIA FLEXnet License Server					
	Please enter the hostname or IP address of your FLEXnet license server(s).					
	Enter a single standalone server on line 1. If needed, enter a second standalone server on line 2. If using 3 redundant servers enter one on each line.					
	Example: 27000@indigo.abaqus.com					
V3 SINGLIA	License Server 1					
	cclicserver.iitm.ac.in					
	License Server 2					
	< Back Next >		Cance			

STEP 14: Click "NEXT"

😨 SIMULIA Establish	ed Products 2023	-		\times
<i>≩</i> s simulia	Established Products commands directory path Provide the target location for the commands directory; you must have write permission to this location. The launch commands for the general availability release are abq2022,tosca_gui2022,tosca2022,fe-safe2022,and fe-safe_cl2022 For more information about the commands directory please refer to the Established Products documentation at 'Installation, Licensing & Configuration > SIMULIAInstallation > Reference Information > Command-Line Interface (Commands Directory)'. C:\SIMULIA\Commands)	3rowse	
	< Back Next >		Cance	I

STEP 15: Click "NEXT"

SIMULIA Establish	SIMULIA Established Products 2023			\times
<u>3</u> s simulia	Working directory Please choose your default working directory. This directory contains Abaqus job files, and serves as a scratch directory for Tosca Fluid and Abaqus/CAE The directory must exist or be creatable, and must have writable permissions. The installer will create the directory if it does not exist. C:temp		Browse	
	< Back Next >		Cancel	I

STEP 16: Click "	Next" ed Products 2023	_		×
35 SIMULIA	CAE external plugins directory path Provide the target location for the Abaqus/CAE external plugins directory. Do not enter the installation path; the plugins directory must be different. Note that the same directory can be used for multiple installations of this rele C:\SIMULIA\CAE\plugins\2023	ase.	Browse	
	< Back Next >		Cance	I

STEP 17: Click "INSTALL"

SIMULIA Establishe	SIMULIA Established Products 2023			\times
Żs simulia	The installation program has enough information to start. Files will be installed in the following directory: C:\SIMULIA\EstProducts\2023 Selected Components: Abaqus CAE License Server Type: SIMULIA FLEXnet License Server 1: cclicserver.iitm.ac.in License Server 2: License Server 3: Commands directory path: C:\SIMULIA\Commands Working directory: C:\temp External plugins directory path: C:\SIMULIA\CAE\plugins\2023			
	Space available: 278.17 GB	Space requ	ired: 2.56	GB
	< Back Instal	>	Cance	4

STEP 18: Click "Continue"

😨 SIMULIA Establish	ned Products 2023	—		\times
	Executing application 3% CAE installation verification results			
<i>≩</i> s simulia	Verification is complete. Results can be found at: C: VSIMULIA\EstProducts\2023\InstallData\log\20240214T093629+0530_COD E_win_b64_SIMULIA_EstPrd.media\tmp\verify.log The Abaqus command for this release is: abq2023 The Abaqus commands directory can be found at: C:\SIMULIA\Commands			
	Continue			
	< Back Next >		Cance	:1

STEP 19: Click Click **"Close"** to close the one (current) installation window, kindly don't close parent installation window. It will pop-up the another window to continue the installation.

SIMULIA Establishe	ed Products 2023				Х
	The installation program has finished instal computer, in C:\SIMULIA\EstProducts\2023.	ling SIMULIAEstabli	shed Products 2	023 on your	
Żs simulia	Installed Components: Abaqus CAE				
		< Back	Close		
STEP 20: Click "	'NEXT"				
SIMULIA Isight 202	3		_		\times
2	Choose the installation directory to update o	r an empty directory	to do a new insta	allation:	
<i>P</i> S SIMULIA	C:\SIMULIA\Isight\2023			Browse	.]

Cancel

STEP 21: Select the "Isight, Desktop, SIMULIA Execution Engine and SIMULIA Execution Engine Station" and Click "Next"

SIMULIA Isight 2023		—		×
SIMULIA Isight 2023	Select the components you want to install in directory C:\SIMULIA\Isight2023	ents		
	< Back Next >		Cance	*

STEP 22: Click "Next"



STEP 23: Click "Next"

SIMULIA Isight 202	23	_		×
<u></u> 3s simulia	SIMULIA Execution Engine (SEE) clients need a Connection Profile (CPR a SEE Server. Enter the following details to create the Connection Profile as per your SEE Server configuration. Skip this for now	file) to ac	ccess	
	< Back Next	>	Cance	el

STEP 24: Click "Next"

😨 SIMULIA Isight 202	23	_		×
3s simulia	Please choose a documentation configuration option: If you skip the documentation configuration now or if manual configuration of documentation is required after installation, please follow the instructions in the SIMULIA documentation at 'Installation, Licensing & Configuration > Isight Configuration > Configuration > Configuring the Isight Online Documentation' Configuration > Configuring the Isight Online Documentation' Enter a URL for served documentation Skip documentation configuration for now			
	< Back Next >		Cance	el 📄

STEP 25: Click "INSTALL"

SIMULIA Isight 202	- 13			×
3s simulia	The installation program has enough information to start. Files will be installed in the following directory: C:\SIMULIA\lisight\2023 Selected Components: Isight Desktop SIMULIA Execution Engine SIMULIA Execution Engine Station Do not launch TomEE Configuration Utility Settings for Connection Profile (.cpr) file : Application Server : Skip this for now Documentation Configuration type: Skip documentation configuration for now			
	Space available: 274.26 GB Space req	uireo	1: 925.36	6 MB
	< Back Install >		Cance	!

STEP 26: Click "Close"

SIMULIA Isight 2023		—		\times
	The installation program has finished installing SIMULIA Isight 2023 on your c \SIMULIA\Isight\2023.	ompute	er, in C:	
	Installed Components: Isight Desktop SIMULIA Execution Engine SIMULIA Execution Engine Station			
35 SIMULIA				
	< Back Close		Cancel	

STEP 27: Click **"Close"** and then open the command prompt type **"Abaqus CAE"** click enter it will be open.

SIMULIA 2023 Established Products	21 - 12		×
The following media have been installed on your computer:			
Successful installation: LEXnet License Server SIMULIA Established Products CAAAPI Isight			
	Close	-	