

# Active Workspace 5.2.0 installation With Tc 13.2

## Purpose of Document

- The main purpose of the document is to understand **Active Workspace 5.2.0 installation With Tc 13.2**

## Target audience

- Users who want to do **Active Workspace 5.2.0 installation With Tc 13.2**

## Pre-requisite

- User should be in Intelizign network and should have required privileges.

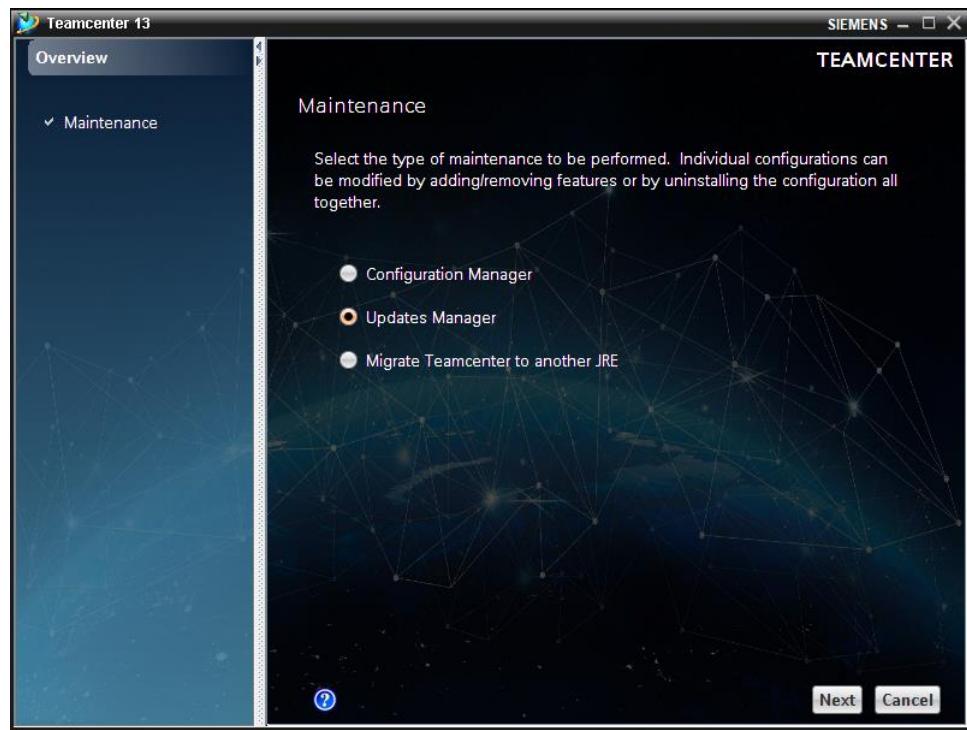
# Installation of TcMicroserviceFramework5.2.0\_wntx64

## Download the Setup Files from the GTAC or From Software Center

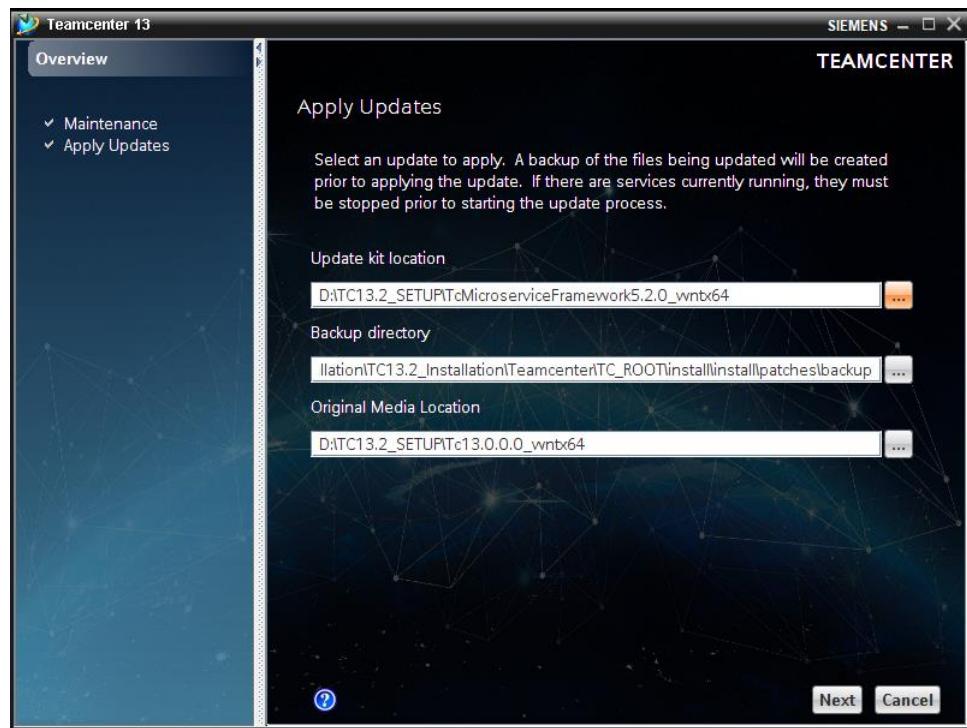
Name	Date modified	Type	Size
13.2_ITK_Reference_Function	12/16/2021 11:41 AM	File folder	
eclipse-rcp-2019-03-R-win32-x86_64	11/25/2021 3:59 PM	File folder	
JavaDoc (1)	12/29/2021 5:16 PM	File folder	
<input checked="" type="checkbox"/> Tc13.0.0.0_ActiveWorkspace5.2.0_wntx64	1/28/2022 12:47 PM	File folder	
Tc13.0.0.0_wntx64	2/3/2022 11:33 AM	File folder	
Tc13.2.0.0_wntx64	12/14/2021 7:12 PM	File folder	
TC13.2_AWC5.2_SETUP	2/2/2022 3:43 PM	File folder	
<input checked="" type="checkbox"/> TcMicroserviceFramework5.2.0_wntx64	1/28/2022 12:37 PM	File folder	
wildfly_Final	1/31/2022 8:46 PM	File folder	
TC13.2_AWC5.2_SETUP.zip	2/2/2022 4:34 PM	Compressed (zipp...)	20,542,856 ...
vs2017.zip	11/22/2021 5:02 PM	Compressed (zipp...)	4,746,611 ...

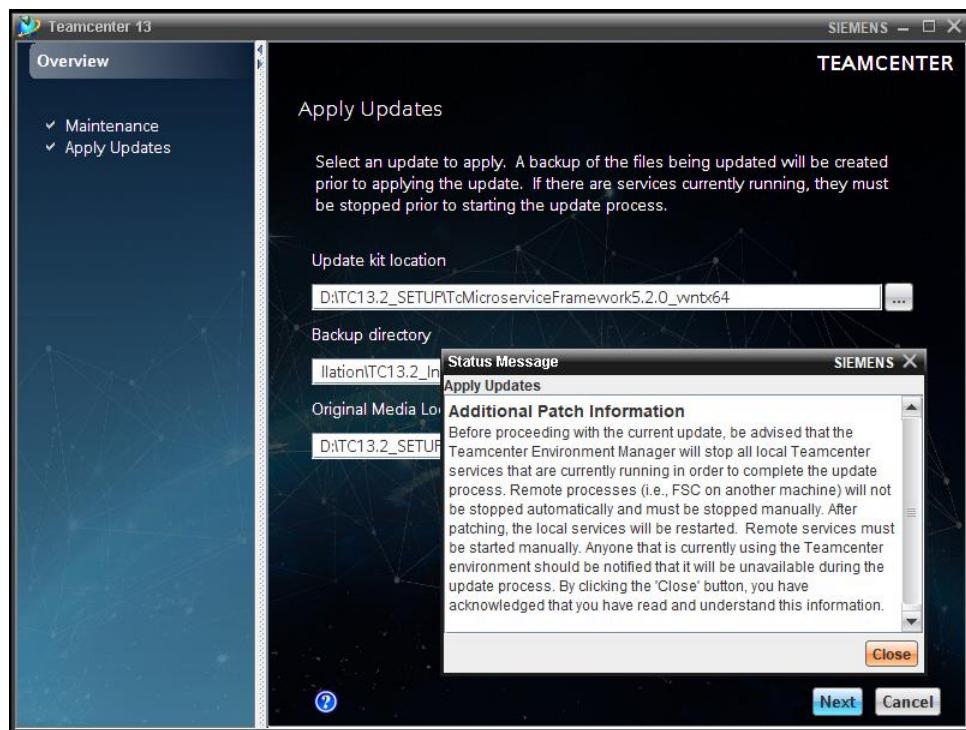
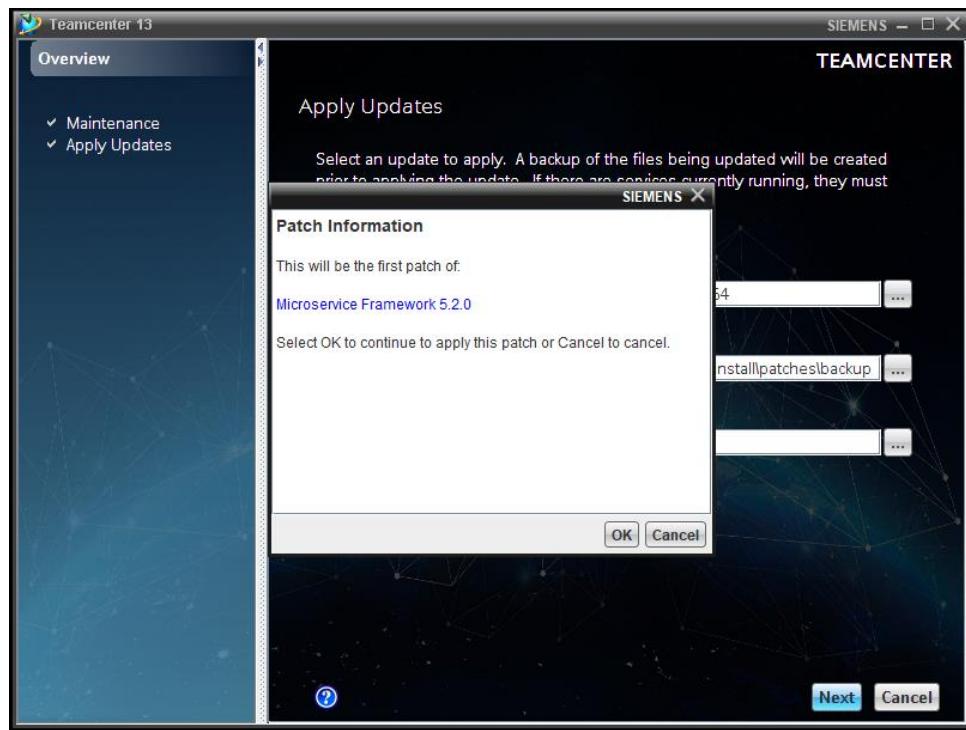
Stop the TC related running services from Manage Installations.

Launch tem.bat from Manage Installations:

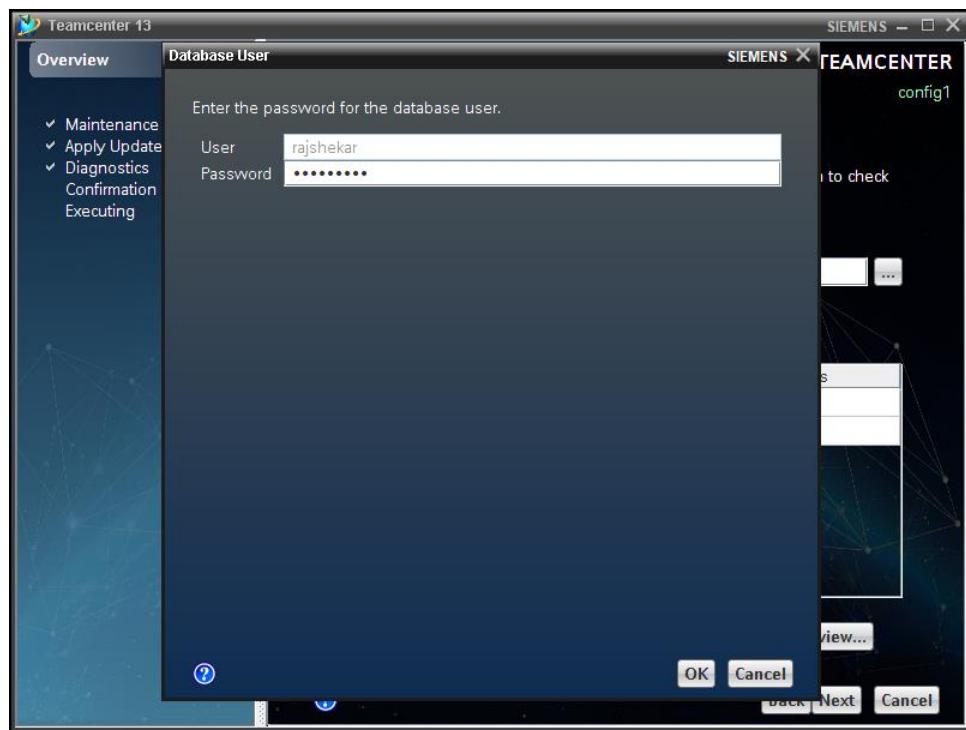
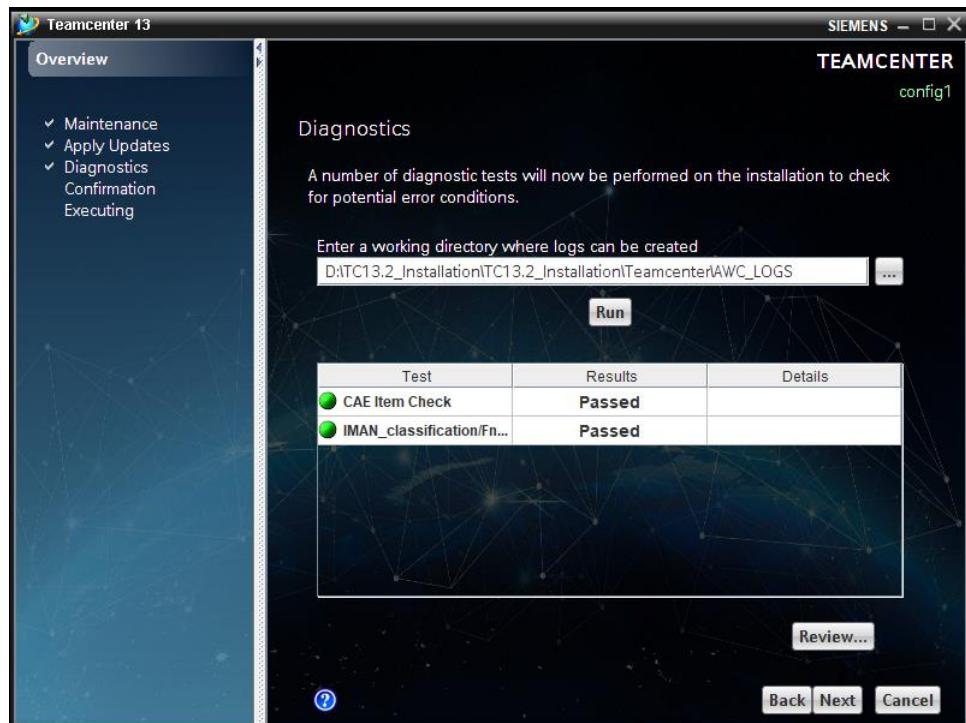


Brouse the Setup file of TcMicroservicesFramework5.2.0

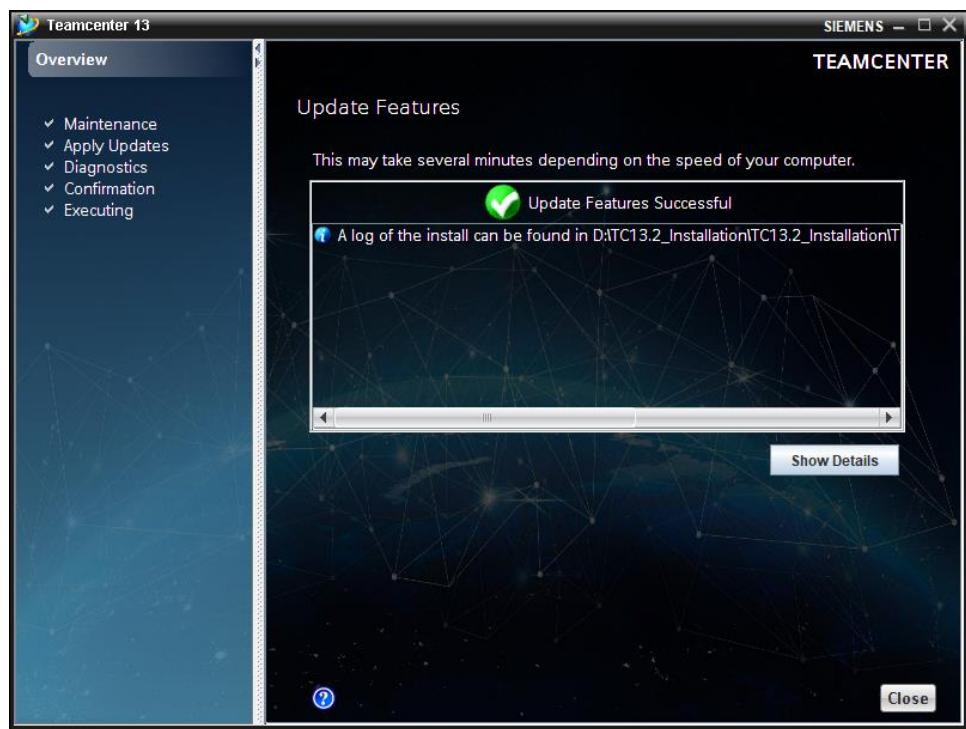
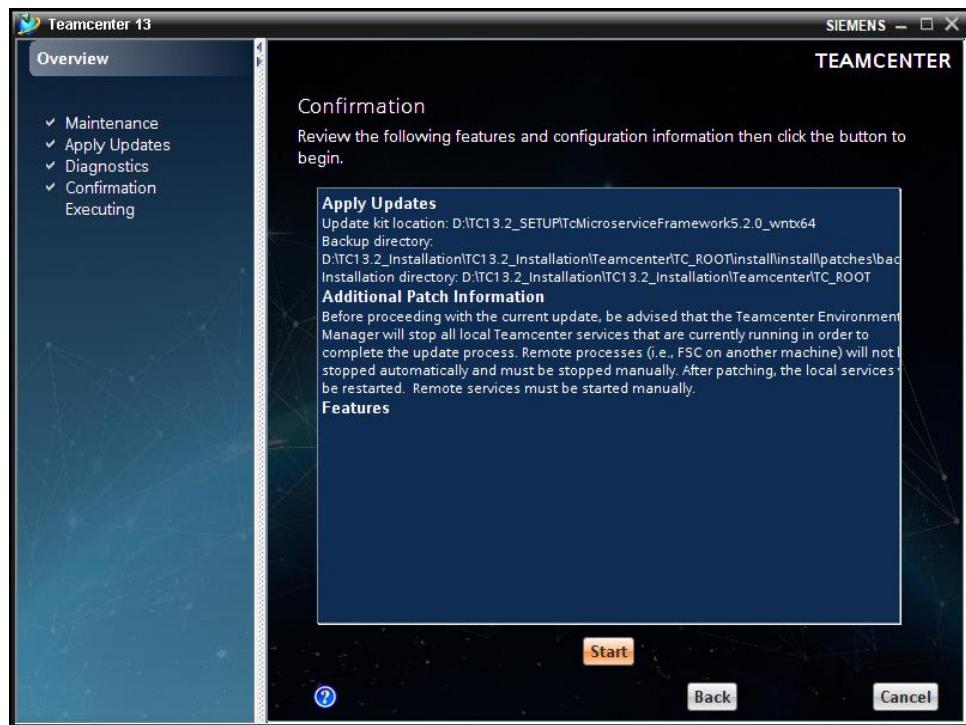




Create Log file and provide the path

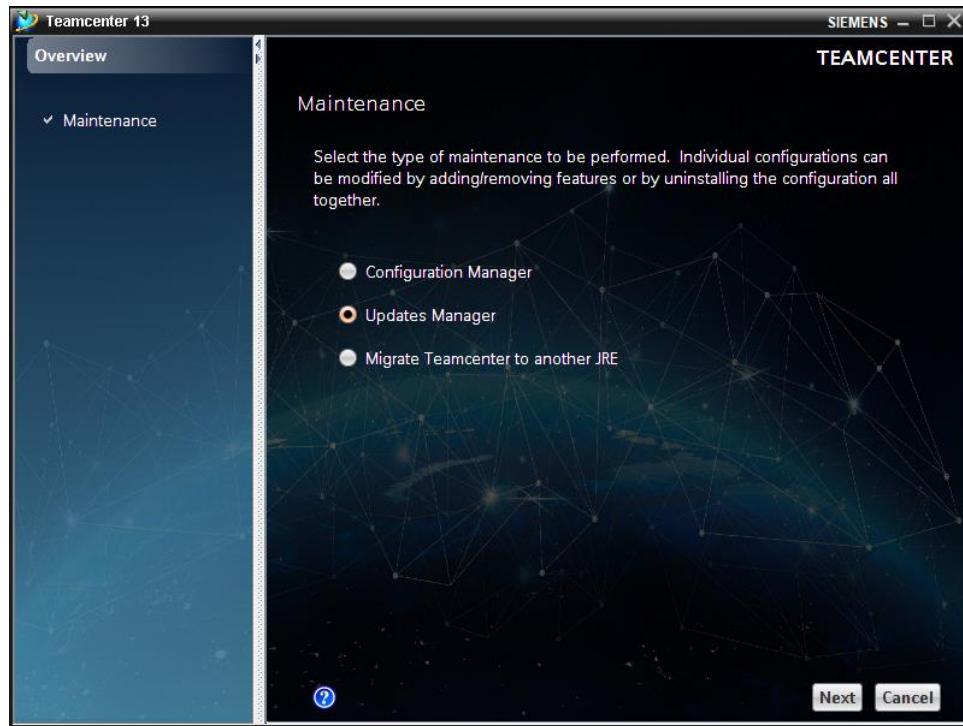


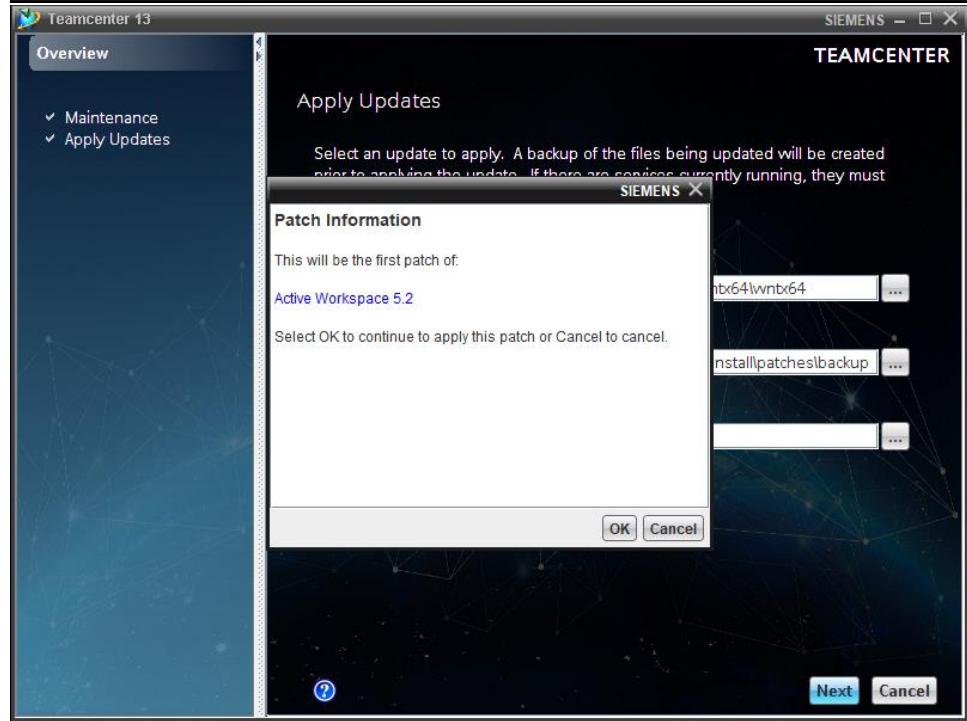
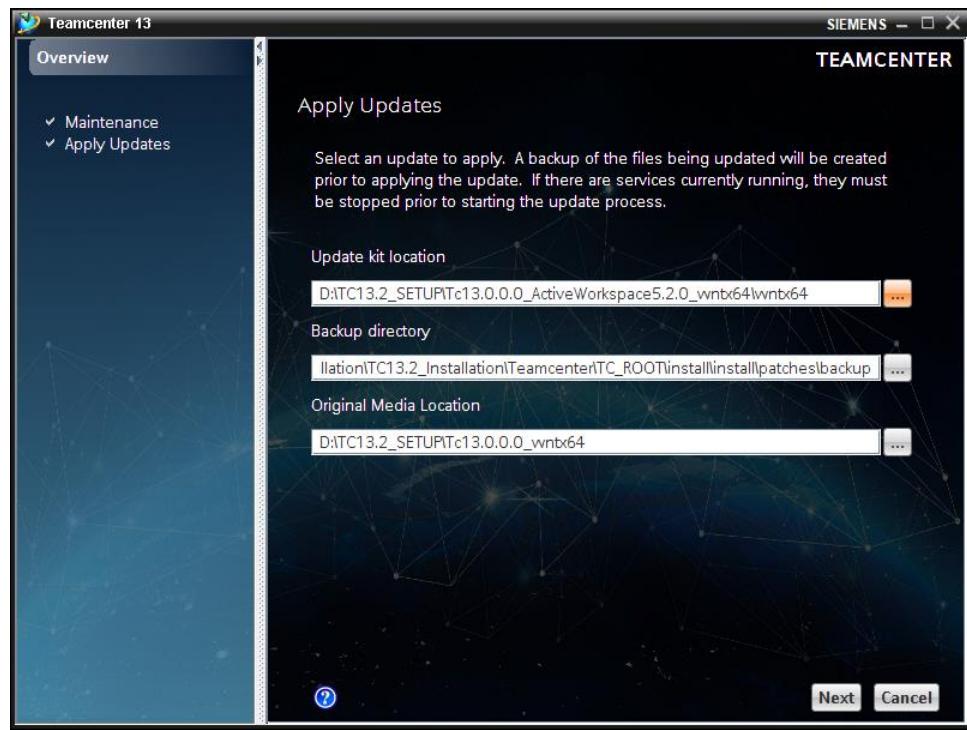
Start the Installation



## Patch installation Tc13.0.0.0\_ActiveWorkspace5.2.0\_wntx64

Launch tem.bat





**Teamcenter 13**

**TEAMCENTER**

**Apply Updates**

Select an update to apply. A backup of the files being updated will be created prior to applying the update. If there are services currently running, they must be stopped prior to starting the update process.

Update kit location: D:\TC13.2\_Setup\Tc13.0.0.0\_ActiveWorkspace5.2.0\_vntx64\wntx64

Backup directory: C:\Users\lilation\TC13.2\_Install\Backup

Original Media Location: D:\TC13.2\_Setup\Tc13.0.0.0\_ActiveWorkspace5.2.0\_vntx64\wntx64

**Status Message**

SIEMENS X

**Additional Patch Information**

Before proceeding with the current update, be advised that the Teamcenter Environment Manager will stop all local Teamcenter services that are currently running in order to complete the update process. Remote processes (i.e., FSC on another machine) will not be stopped automatically and must be stopped manually. After patching, the local services will be restarted. Remote services must be started manually. Anyone that is currently using the Teamcenter environment should be notified that it will be unavailable during the update process. By clicking the 'Close' button, you have acknowledged that you have read and understand this information.

**Close**

**Next** **Cancel**

**?**

**Teamcenter 13**

**TEAMCENTER**

**config1**

**Teamcenter Administrative User**

Enter the administrative password for the Teamcenter application.

User: infodba

Password:  ······

**Back** **Next** **Cancel**

**?**

**Teamcenter 13**

**TEAMCENTER**  
config1

**Required Configuration Enhancements**  
This update contains enhancements that are mandatory for this configuration.

**Required Configuration Enhancements**

Select Accept Data Model Updates to have these data model changes applied during the update.

Accept Data Model Updates

**Back** **Next** **Cancel**

**Teamcenter 13**

**TEAMCENTER**  
config1

**Operating System User**  
The following user will be granted 'Log on as a service' right and all services will run as this user

User: IZD01\installuser  
Password:

**Back** **Next** **Cancel**

**Teamcenter 13**

**TEAMCENTER**  
config1

**Diagnostics**

A number of diagnostic tests will now be performed on the installation to check for potential error conditions.

Enter a working directory where logs can be created

**Run**

Test	Results	Details
CAE Item Check		
IMAN_classification/Fn...		

**Review...**

**?** Back Next Cancel

**Teamcenter 13**

**TEAMCENTER**  
config1

**Database User**

Enter the password for the database user.

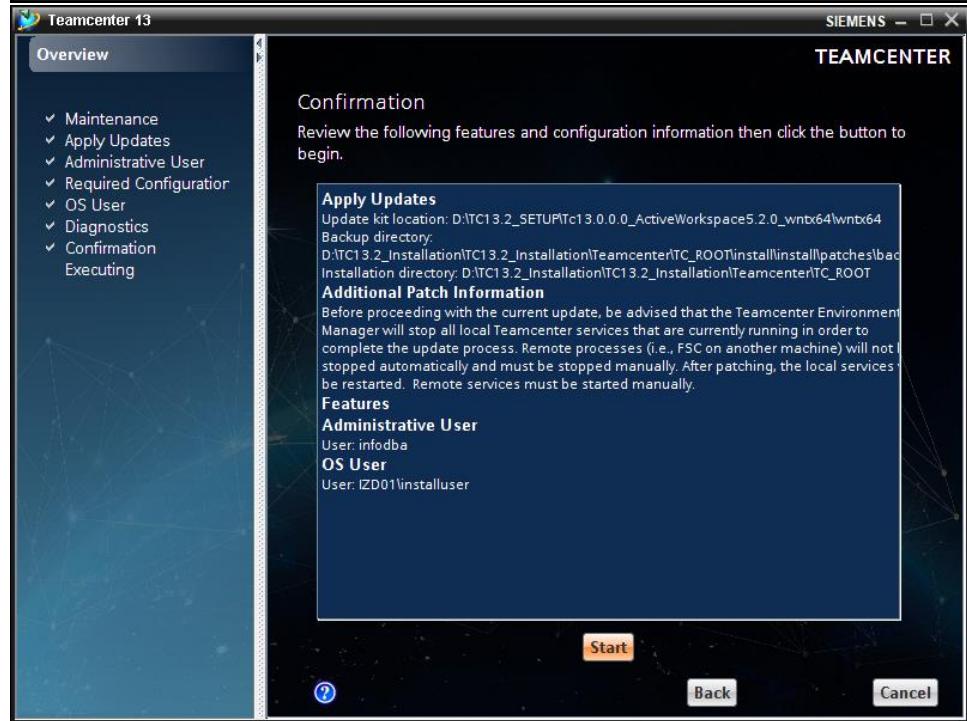
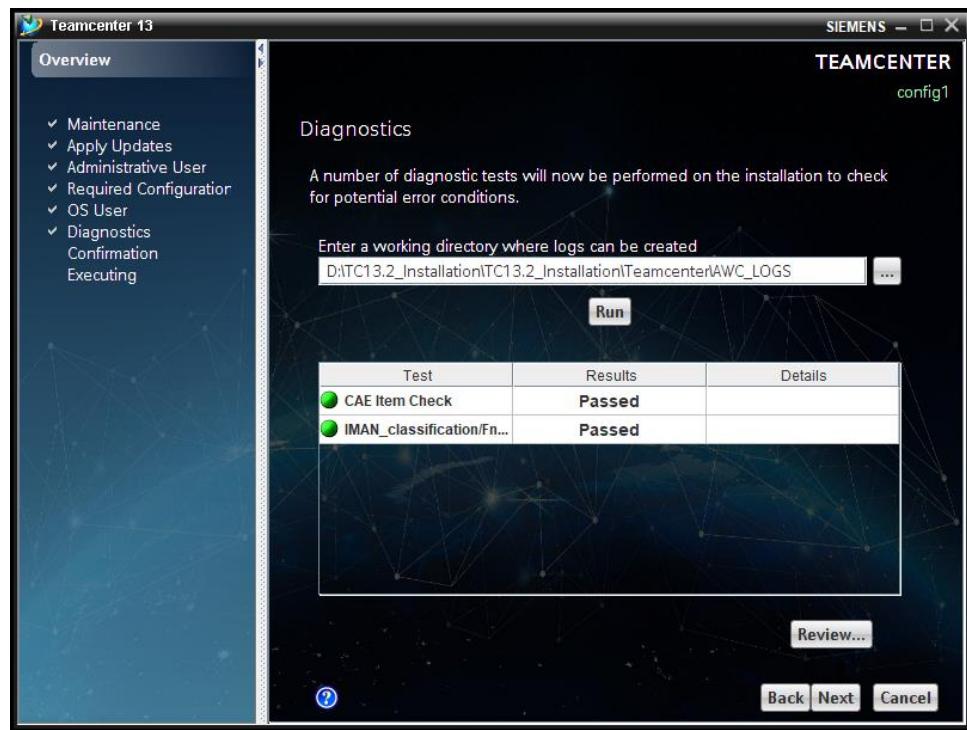
User  to check

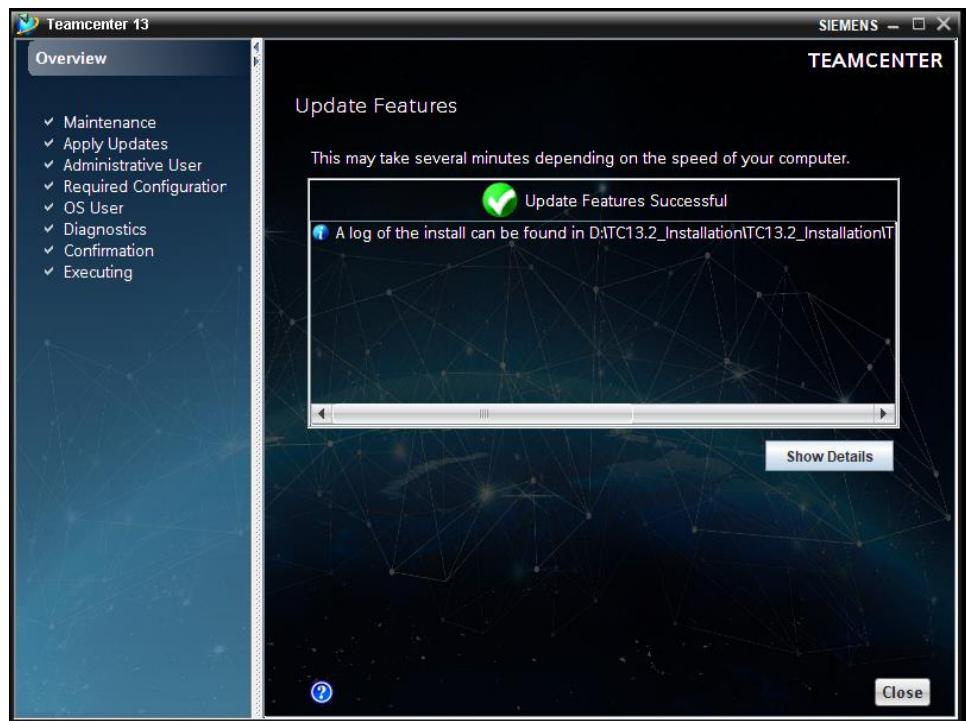
Password

**OK** **Cancel**

**?** Back Next Cancel

The image displays two overlapping windows from the Teamcenter 13 software. The top window is titled 'Diagnostics' and shows a list of tests being run, including 'CAE Item Check' and 'IMAN\_classification/Fn...'. It includes a 'Run' button and a 'Review...' button. The bottom window is titled 'Database User' and prompts for a password for a user named 'rajshekhar'. It has 'OK' and 'Cancel' buttons. Both windows have a sidebar on the left with an 'Overview' section containing links like Maintenance, Apply Updates, etc. The background of the windows features a network-like graphic.





After Active Workspace successful patch, we need to Patch the **TC\_DATA**.

In your setup folder “Tc13.0.0.0\_ActiveWorkspace5.2.0\_wntx64\wntx64\tc”

A file explorer window showing the directory structure for the TC setup. The path is: This PC > New Volume (D:) > TC13\_SETUP > Tc13.0.0.0\_ActiveWorkspace5.2.0\_wntx64 > wntx64 > tc. Inside the tc folder, there are three files: 'data' (highlighted in yellow), 'digitalsignature\_aws2stage', and 'dma1docmqmtaw\_icons'. A tooltip 'Unzip data folder there itself.' is shown above the table.

	Name	Date modified	Type	Size
access	data	5/28/2021 11:51 AM	Compressed (zipp...)	62 KB
ktop	digitalsignature_aws2stage	5/28/2021 11:55 AM	Compressed (zipp...)	23 KB
vloads	dma1docmqmtaw_icons	5/28/2021 10:24 AM	Compressed (zipp...)	1 KB

**Unzip data folder there itself.**

Name	Date modified	Type	Size
soa	5/28/2021 11:48 AM	File folder	
xformer	5/28/2021 11:37 AM	File folder	
arc0_preference_merge.xml	5/28/2021 10:17 AM	XML Document	1 KB
arc0_preference_override.xml	5/28/2021 10:17 AM	XML Document	1 KB
logger.debug.properties	5/28/2021 11:40 AM	Properties Source ...	13 KB
logger.properties	5/28/2021 11:40 AM	Properties Source ...	13 KB
Mpr0MigrationMapping.xml	5/28/2021 11:37 AM	XML Document	2 KB
Mpr0MigrationMapping.xsd	5/28/2021 11:37 AM	XML Schema File	4 KB
NGPTransferModes.xml	5/28/2021 11:37 AM	XML Document	15 KB
officeDocConvert.ps1	5/28/2021 11:45 AM	Windows PowerSh...	6 KB
reqifExportTemplate.reqif	5/28/2021 10:17 AM	REQIF File	1 KB
uiconfig_schema.xsd	5/28/2021 11:40 AM	XML Schema File	6 KB
wsconfig_schema.xsd	5/28/2021 11:40 AM	XML Schema File	2 KB

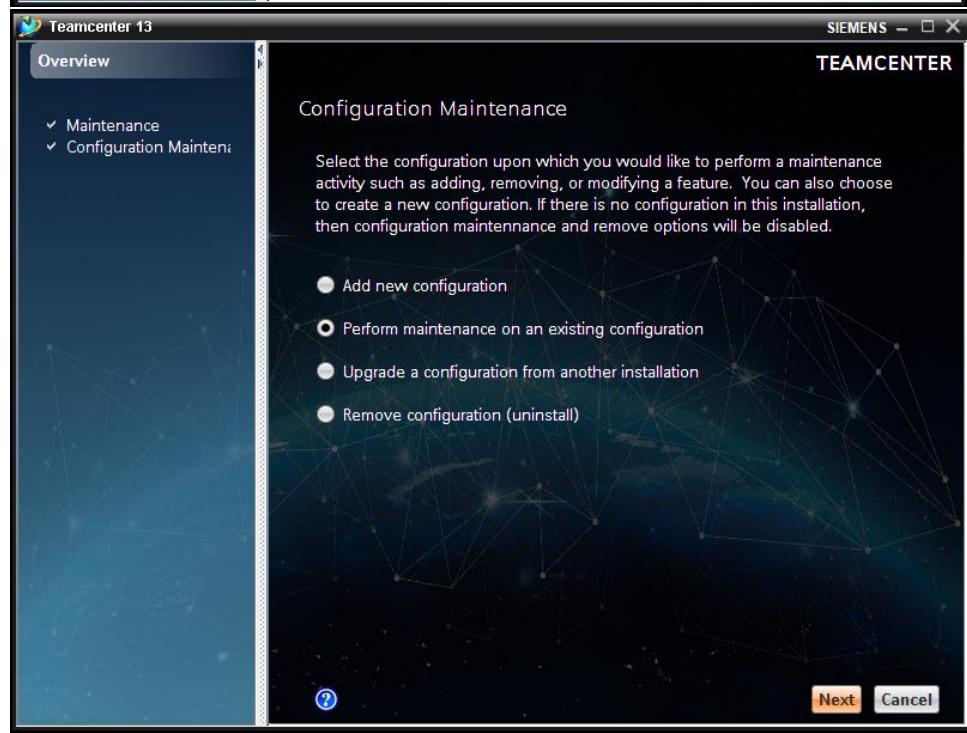
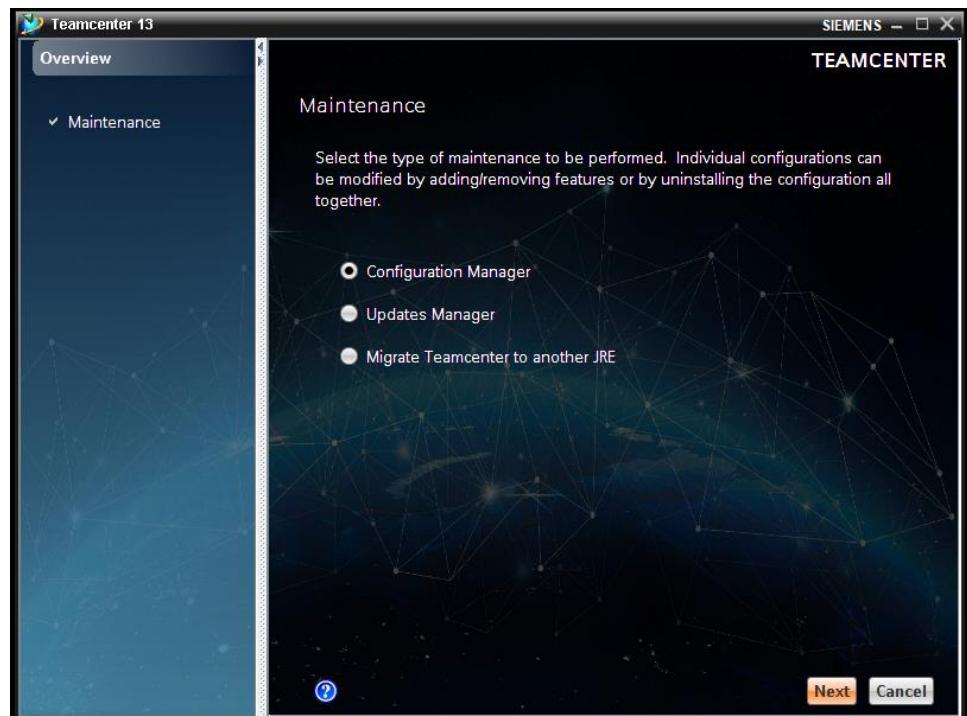
## Copy all files of data folder to “TC\_DATA”

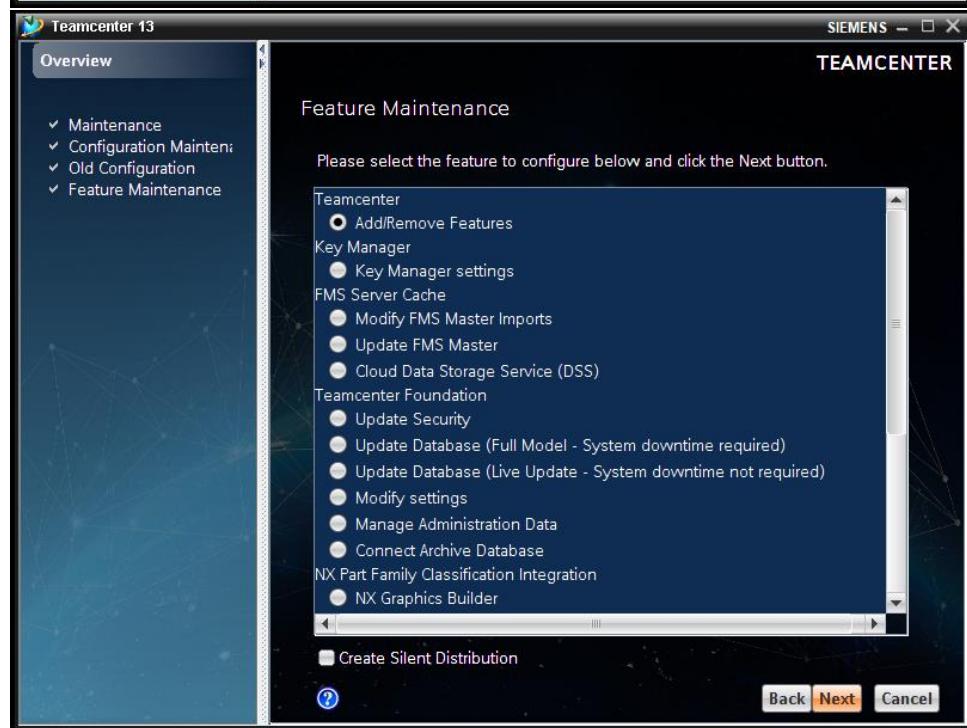
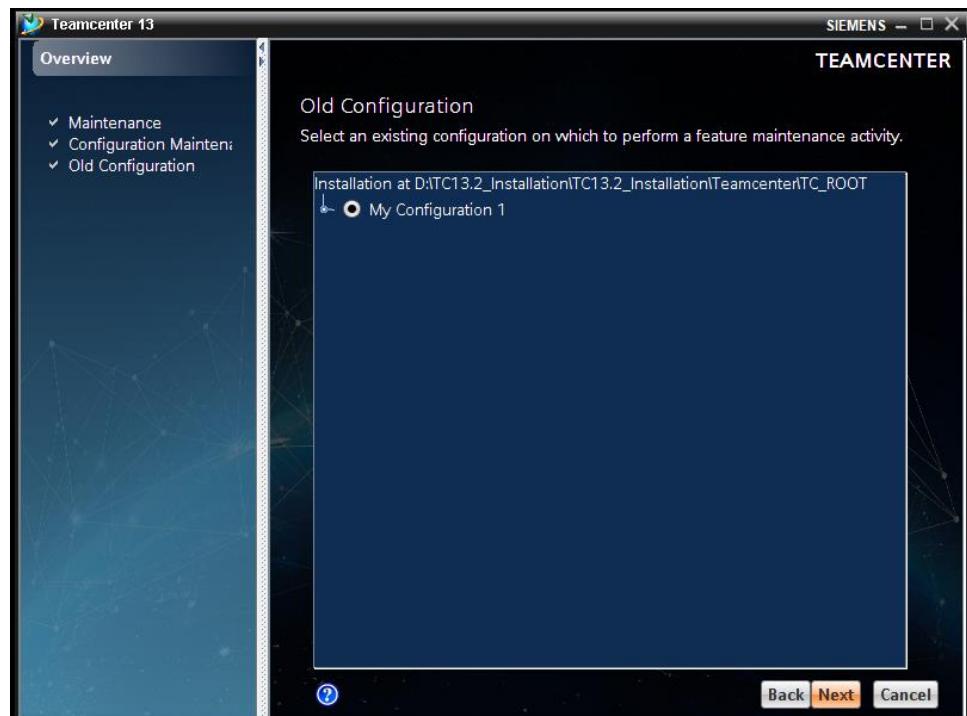
Name	Date modified	Type	Size
tc_profilevars.bat	2/3/2022 11:04 AM	Windows Batch File	10 KB
TCXML.xsd	2/2/2022 6:29 PM	XML Schema File	1,644 KB
pom_schema_INPUN0113NB_INZTCDB	2/2/2022 6:17 PM	File	1,502 KB
PLMXML2TCXMLDefault_TM.xml_imp...	2/2/2022 5:55 PM	Text Document	2 KB
PLMXML2TCXMLDefault_TM.xml_faile...	2/2/2022 5:55 PM	XML Document	1 KB
PLMXML2TCXMLDefault_TM.xml_valid...	2/2/2022 5:55 PM	OUT File	0 KB
TOS_um_managed_NX.xml_importer.l...	2/2/2022 5:20 PM	Text Document	3 KB
TOS_um_managed_NX.xml_failed_obj...	2/2/2022 5:20 PM	XML Document	2 KB
TOS_um_managed_NX.xml_validation....	2/2/2022 5:20 PM	OUT File	0 KB
caeBomCompareScopeRules.xml_impor...	2/2/2022 5:20 PM	Text Document	2 KB
caeBomCompareScopeRules.xml_faile...	2/2/2022 5:20 PM	XML Document	1 KB
caeBomCompareScopeRules.xml_vali...	2/2/2022 5:20 PM	OUT File	0 KB
caeCompositeViewTransferOptionSet...	2/2/2022 5:20 PM	Text Document	3 KB
caeCompositeViewTransferOptionSet...	2/2/2022 5:20 PM	XML Document	2 KB
caeCompositeViewTransferOptionSet...	2/2/2022 5:20 PM	OUT File	0 KB
caeExportXMI_ScopeRules.xml_impor...	2/2/2022 5:20 PM	Text Document	2 KB

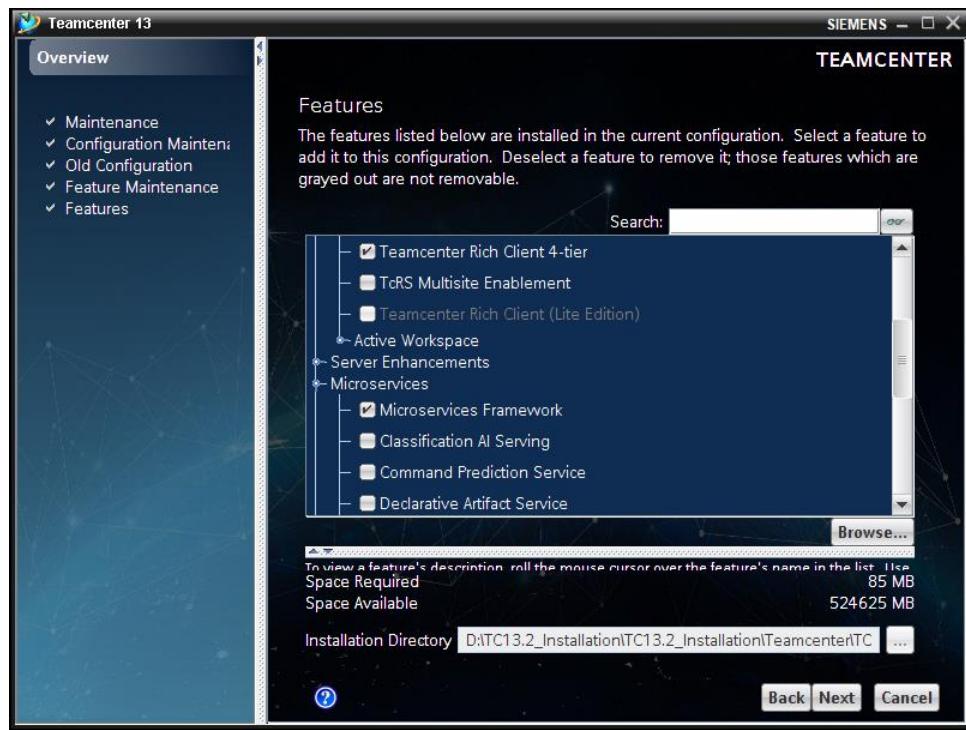
Now Active Workspace 5.0.1 patch is completed successfully!!!!

## **Configuring Teamcenter Microservices**

Launch tem.bat file



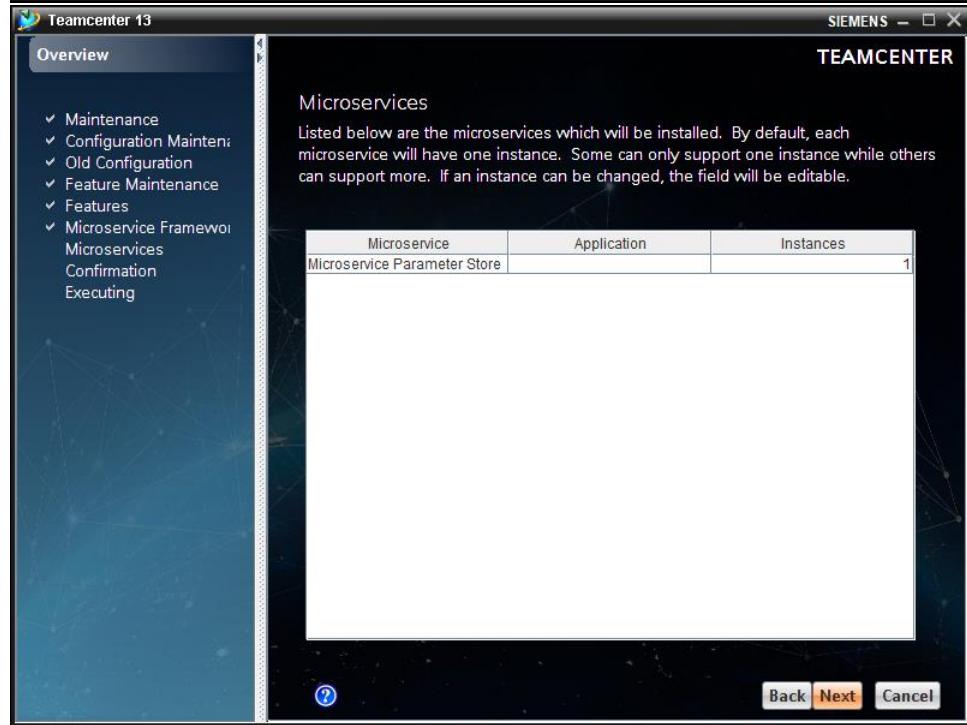
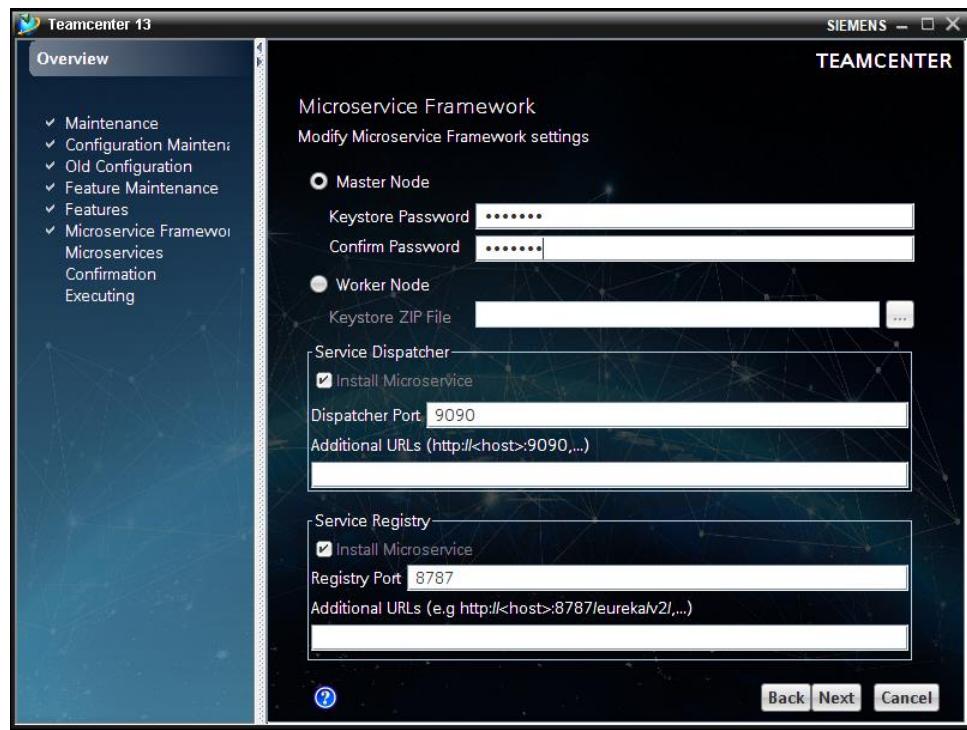


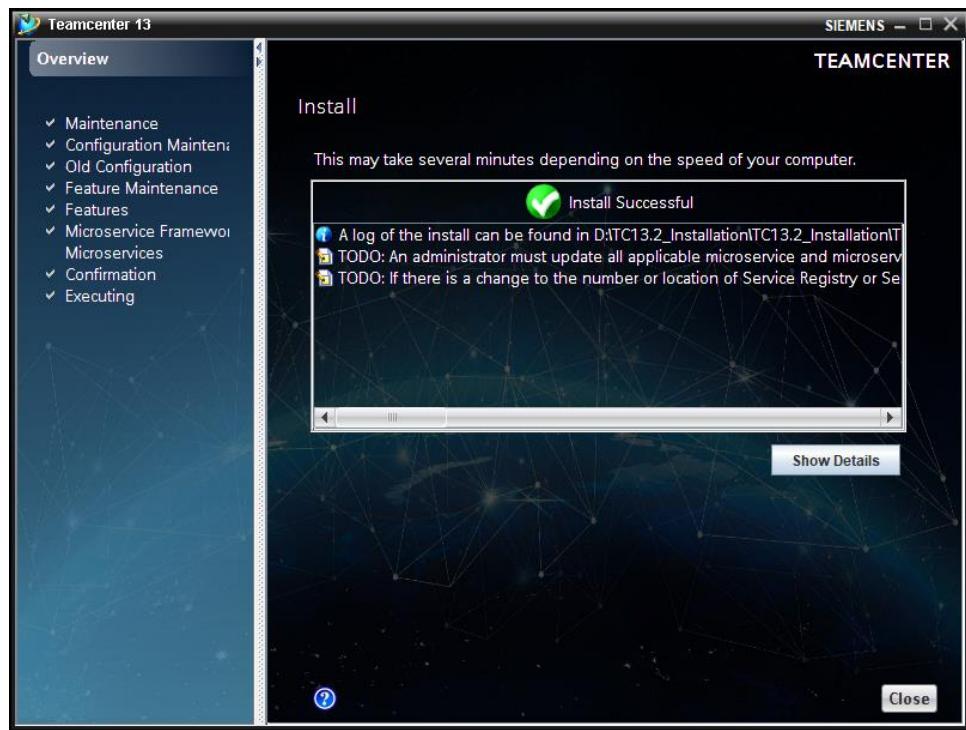
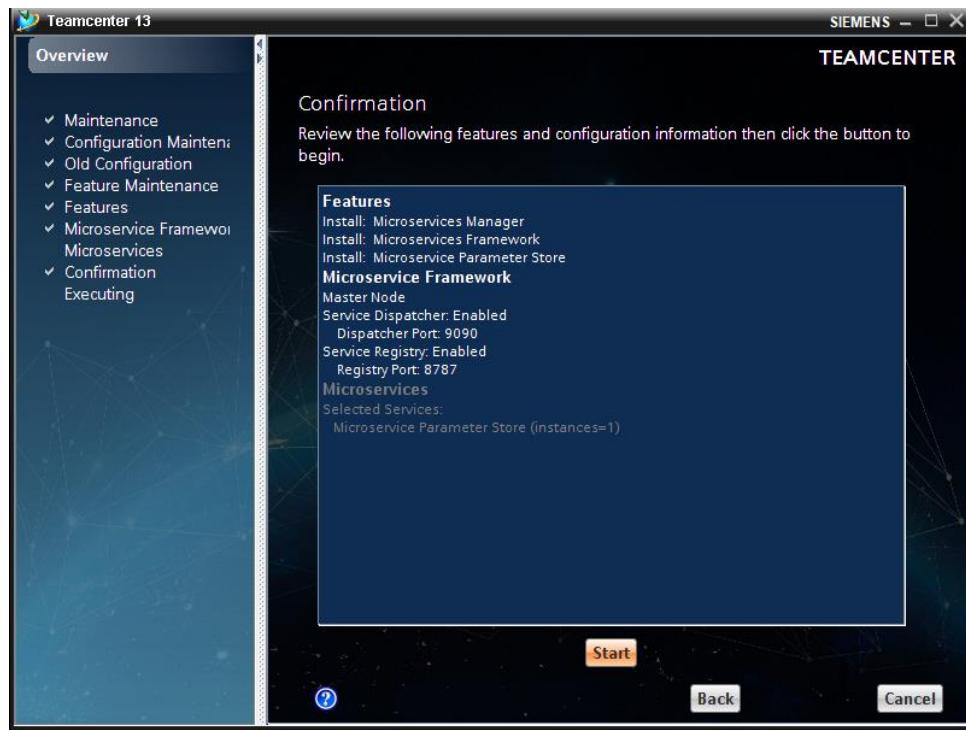


Enter

Keystore Password : infodba

Confirm Password : infodba





Name	Description	Status	Startup Type	Log On As
Task Scheduler	Enables a us...	Running	Automatic	Local System
TCP/IP NetBIOS Helper	Provides sup...	Running	Manual (Trigg...	Local Service
Teamcenter FSC Service FSC_INPUN0113NB_installuser		Running	Automatic	IZD01\installuser
Teamcenter FSC Service FSC_INPUN0113NB_IZTC3837			Automatic	IZD01\installuser
Teamcenter FSC Service FSC_INPUN0113NB_IZTC5734			Automatic	IZD01\installuser
<b>Teamcenter Process Manager</b>		<b>Running</b>	<b>Automatic</b>	<b>Local System</b>
Teamcenter Server Manager config1_PoolA			Automatic	IZD01\installuser
Telephony	Provides Tel...		Manual	Network Service

Microservices framework installation/configuration is completed, and it will install Teamcenter Process Manager service

## Add microservice framework support to a Java EE web tier

Go to WEB\_ROOT location and click on insweb.bat

First click on copy ICDs and provide path up to

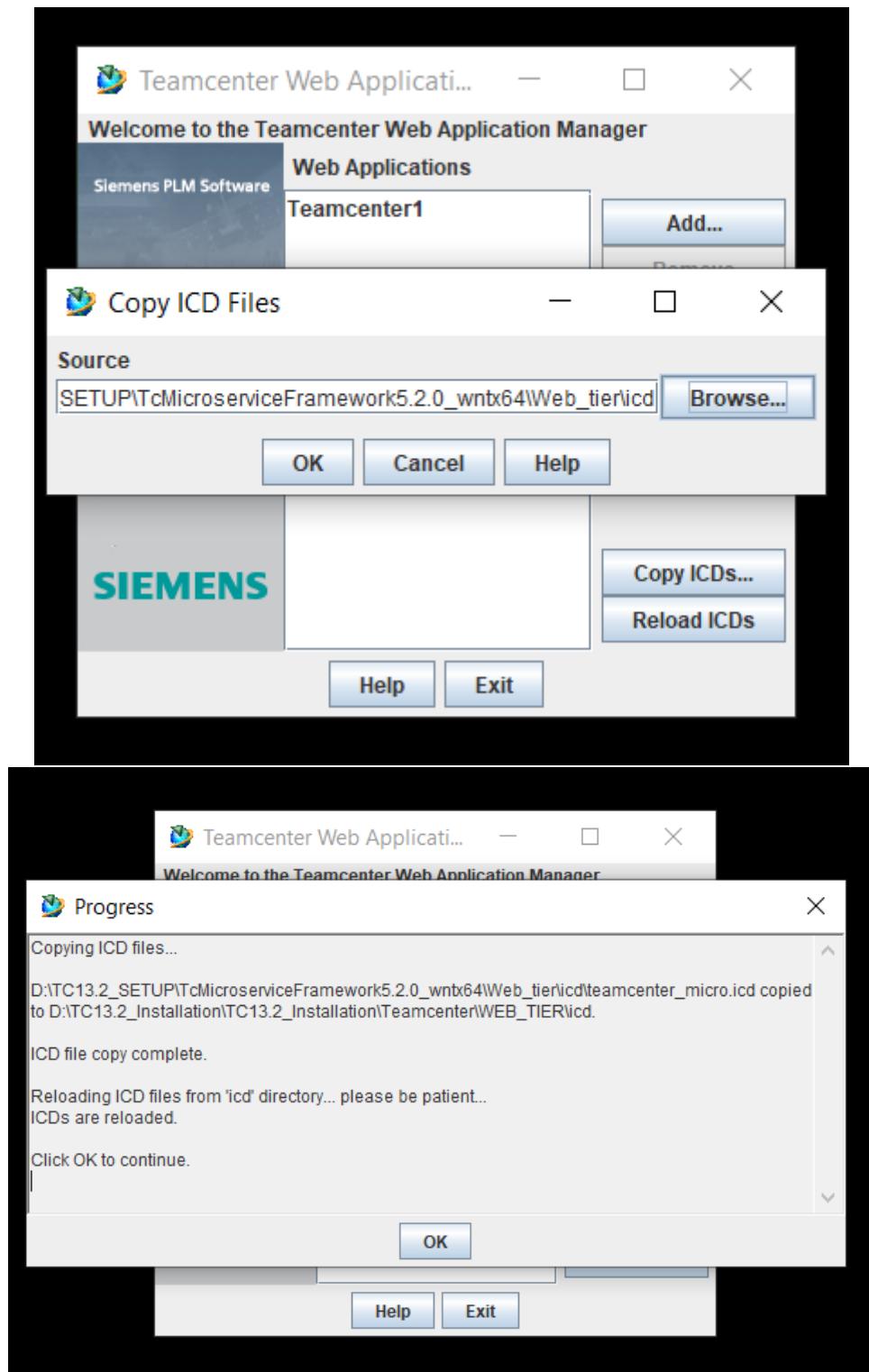
D:\TC13.2\_SETUP\Tc13.0.0.0\_wntx64\Web\_tier\icd

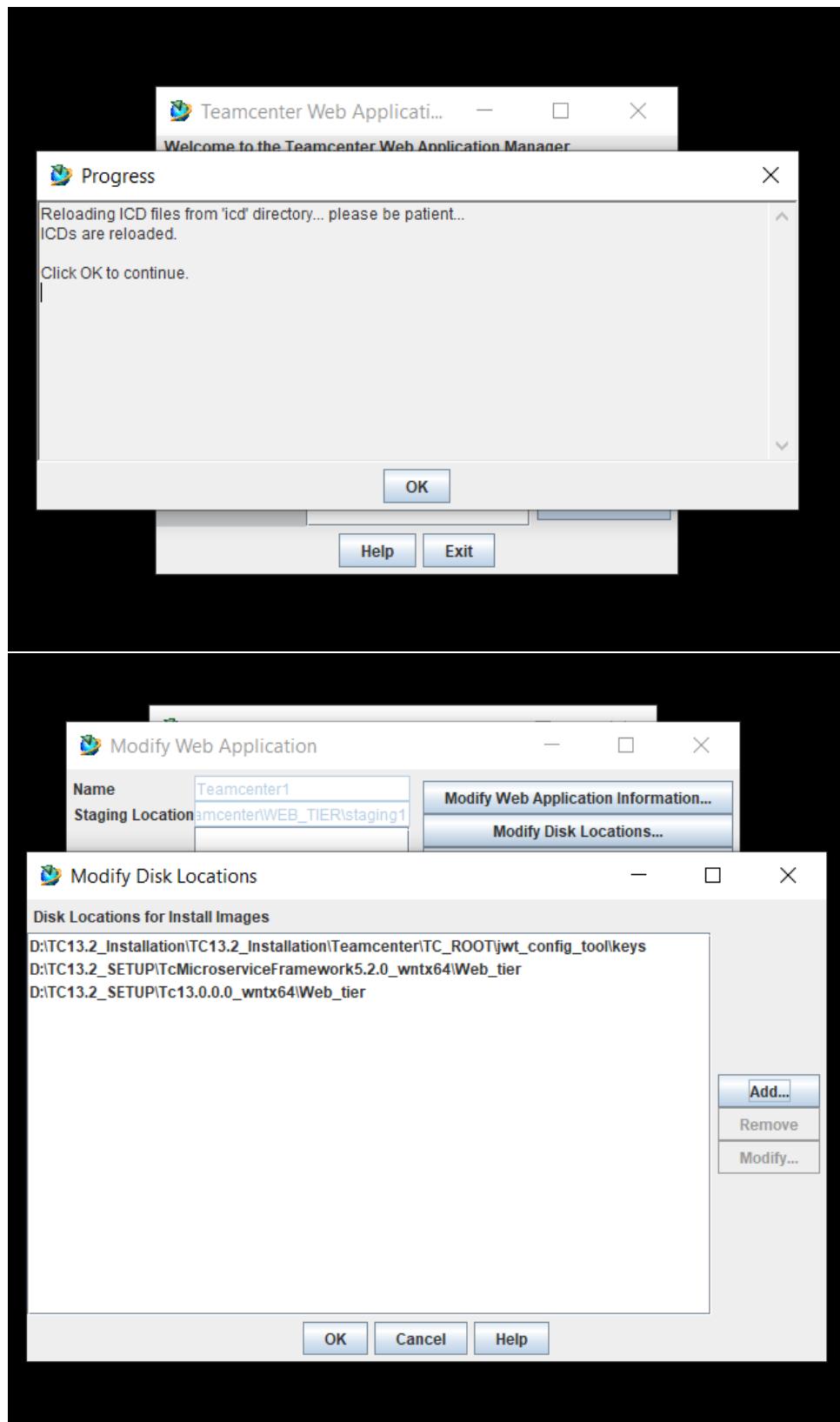
And the reload ICDs

Similarly copy ICDs from

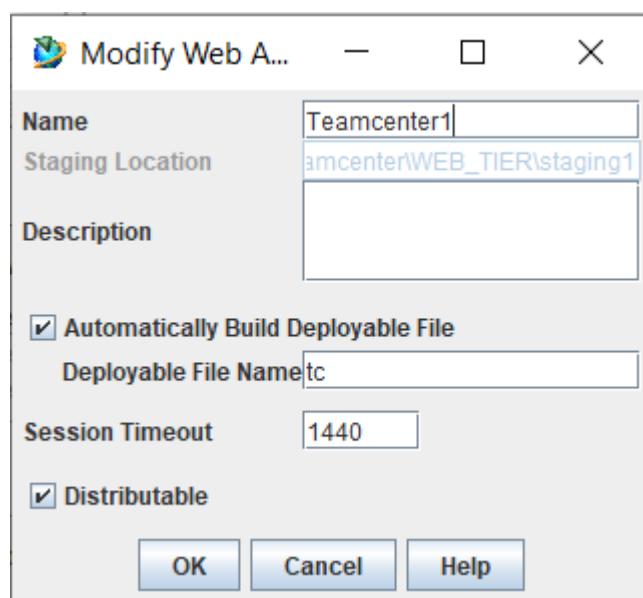
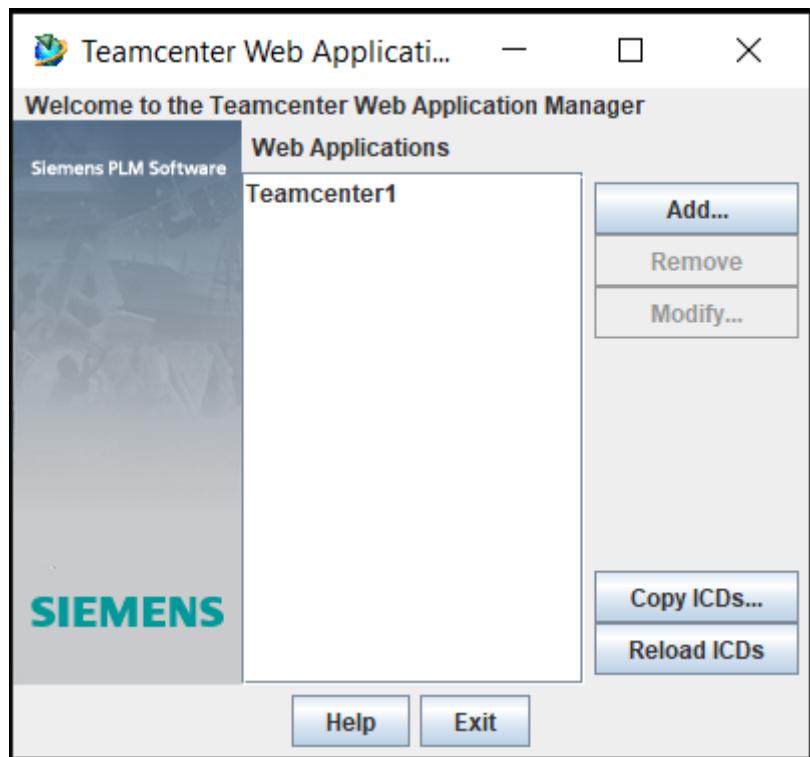
D:\TC13.2\_SETUP\TcMicroserviceFramework5.2.0\_wntx64\Web\_tier\icd

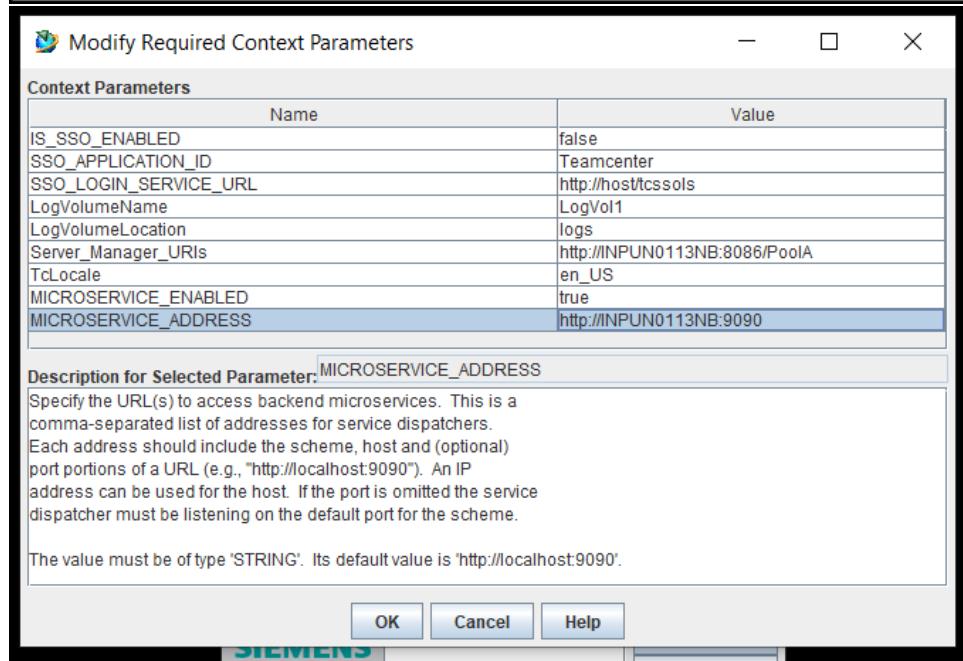
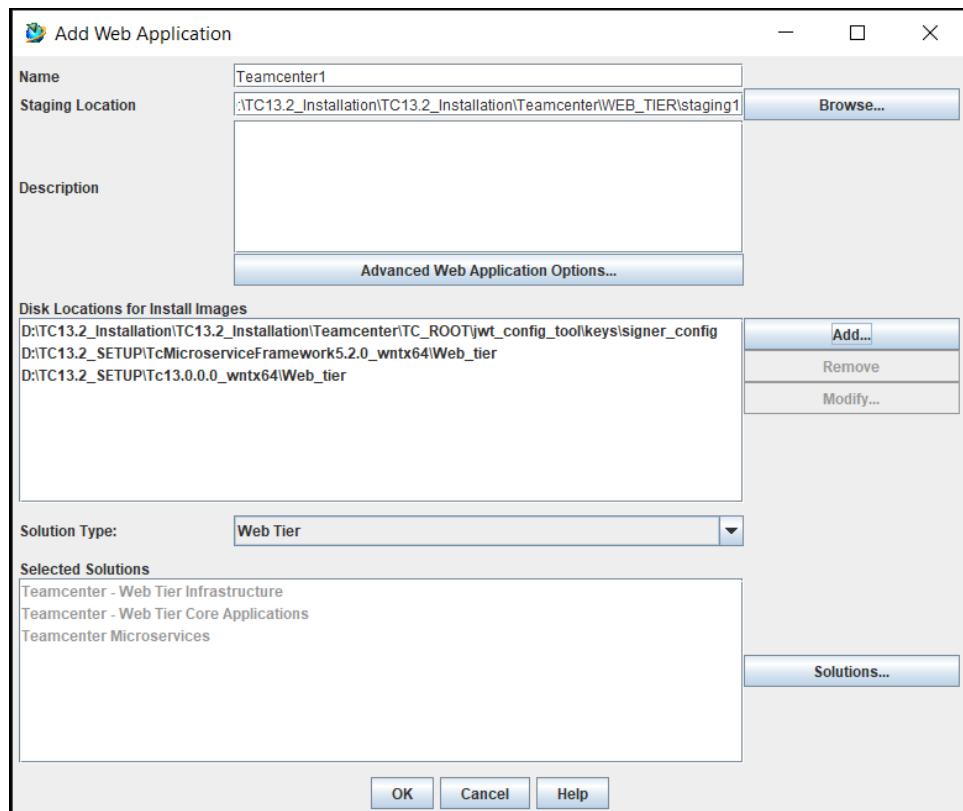
And reload ICDs

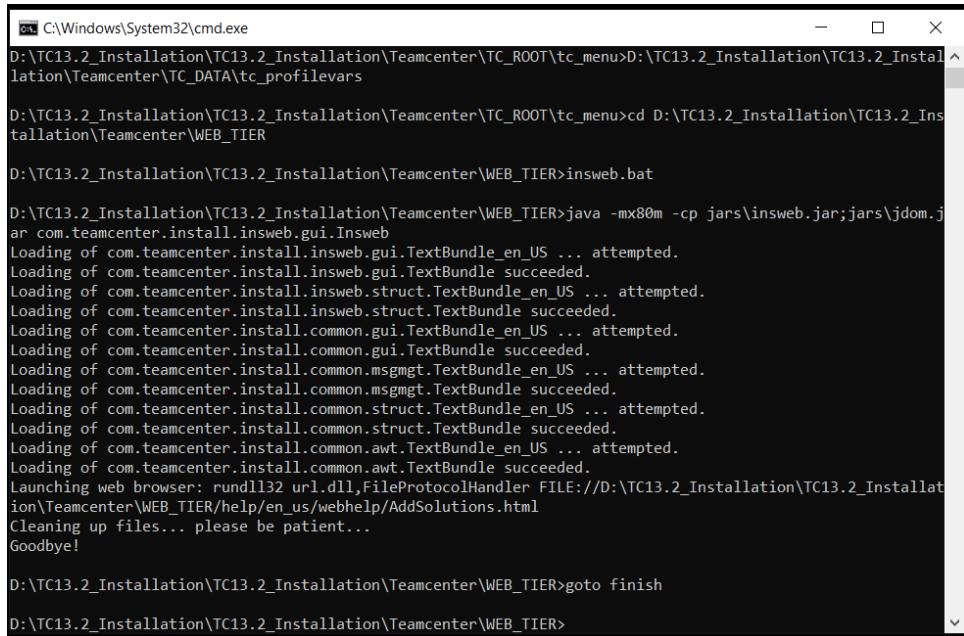




Note : Unzip keys folder located there.







```
C:\Windows\System32\cmd.exe
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_DATA\tc_profilevars
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>cd D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER>insweb.bat
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER>java -mx80m -cp jars\insweb.jar;jars\jdom.jar com.teamcenter.install.insweb.gui.Insweb
Loading of com.teamcenter.install.insweb.gui.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.insweb.gui.TextBundle succeeded.
Loading of com.teamcenter.install.insweb.struct.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.insweb.struct.TextBundle succeeded.
Loading of com.teamcenter.install.common.gui.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.common.gui.TextBundle succeeded.
Loading of com.teamcenter.install.common.msgmt.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.common.msgmt.TextBundle succeeded.
Loading of com.teamcenter.install.common.struct.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.common.struct.TextBundle succeeded.
Loading of com.teamcenter.install.common.awt.TextBundle_en_US ... attempted.
Loading of com.teamcenter.install.common.awt.TextBundle succeeded.
Launching web browser: rundll32 url.dll,FileProtocolHandler FILE:///D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER/help/en_us/webhelp/AddSolutions.html
Cleaning up files... please be patient...
Goodbye!
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER>goto finish
D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\WEB_TIER>
```

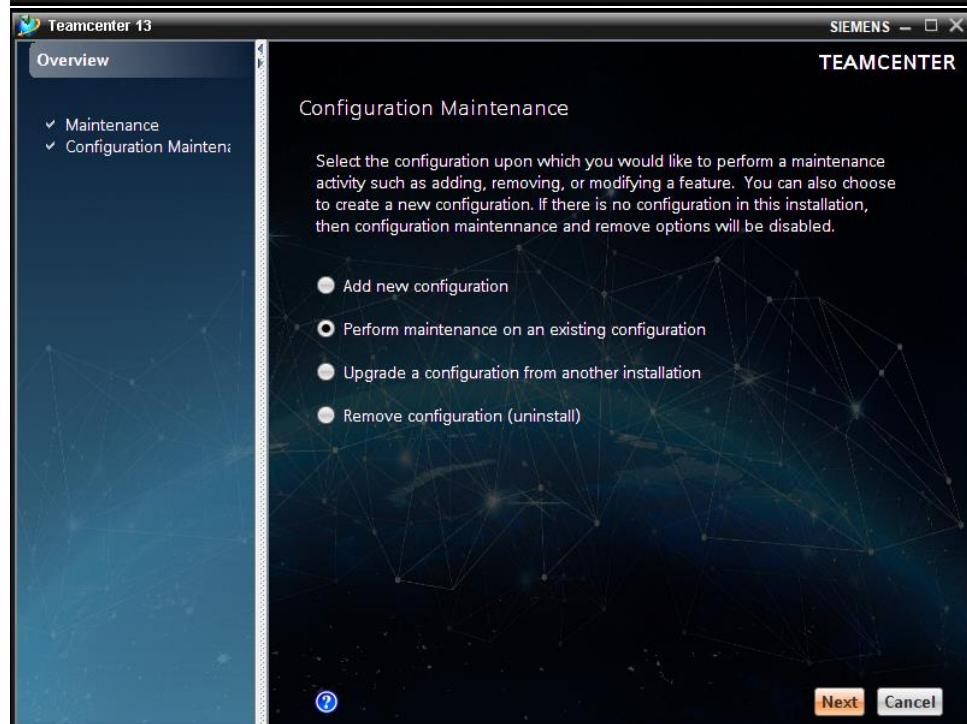
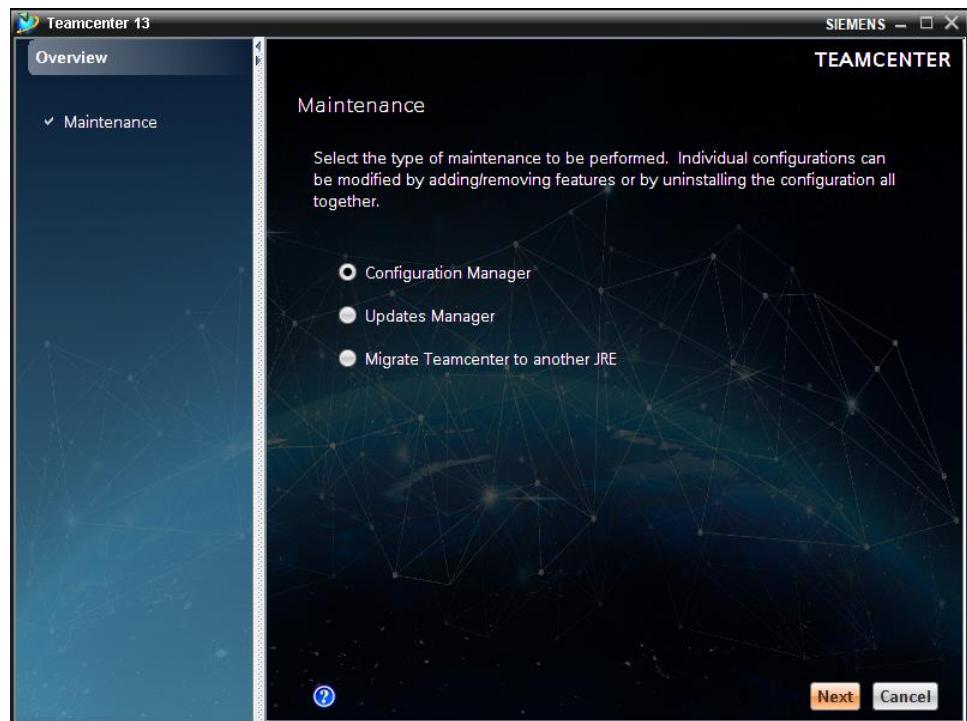
Copy the tc.war file generated from  
"D:\TC13.2\_Installation\TC13.2\_Installation\Teamcenter\WEB\_TIER\staging1\deployment\tc.war"

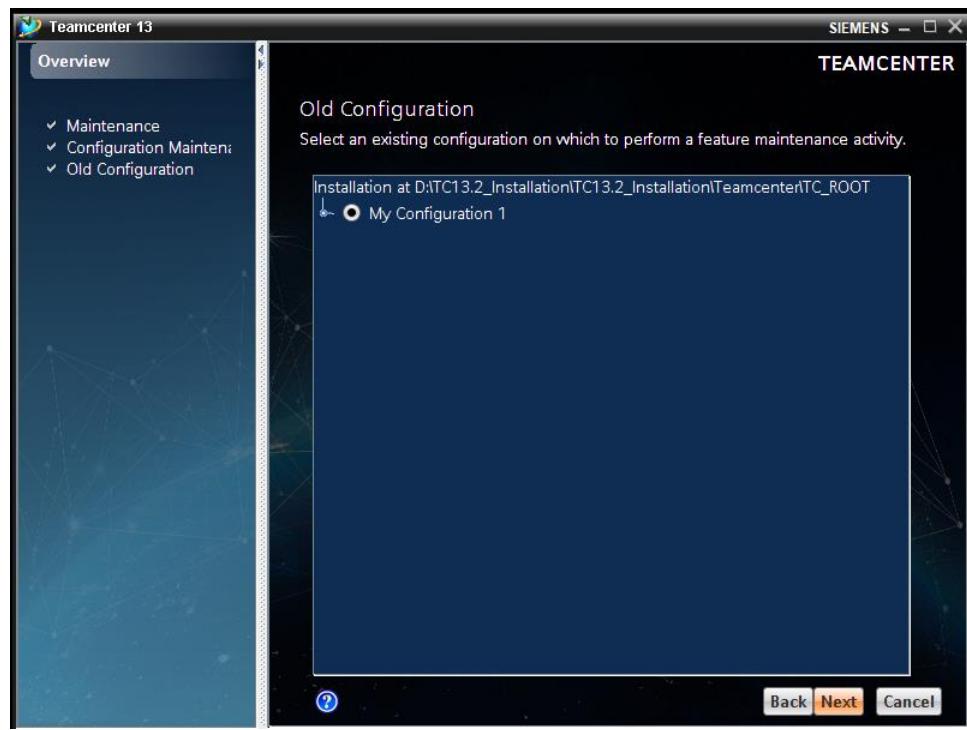
To

D:\TC13.2\_SETUP\wildfly\_Final\wildfly\standalone\deployments

## Install File Repository Service

### Launch tem.bat file





**Teamcenter 13**

**TEAMCENTER**

**Overview**

- ✓ Maintenance
- ✓ Configuration Mainten:
- ✓ Old Configuration
- ✓ Feature Maintenance
- ✓ Features

**Features**

The features listed below are installed in the current configuration. Select a feature to add it to this configuration. Deselect a feature to remove it; those features which are grayed out are not removable.

Search:

Microservices

- Microservices Framework
- Classification AI Serving
- Command Prediction Service
- Declarative Artifact Service
- File Repository Service
- Requirements Management Compare Service
- Requirements Management Export Service
- Requirements Management Import Service

To view a feature's description, roll the mouse cursor over the feature's name in the list. Use the scroll bar to view more items.

Space Required: 95 MB  
Space Available: 524335 MB

Installation Directory: D:\TC13.2\_Installation\TC13.2\_Installation\Teamcenter\TC

**Teamcenter 13**

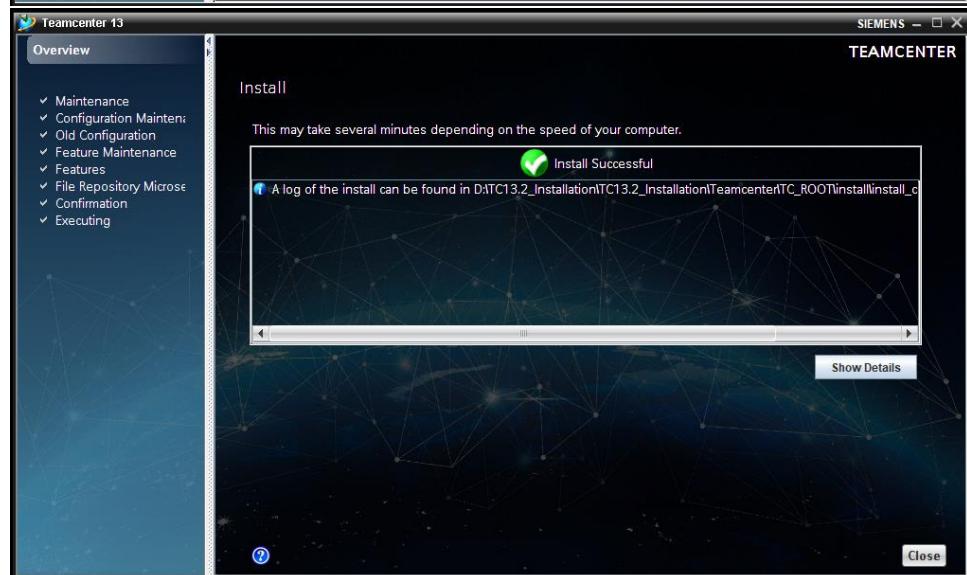
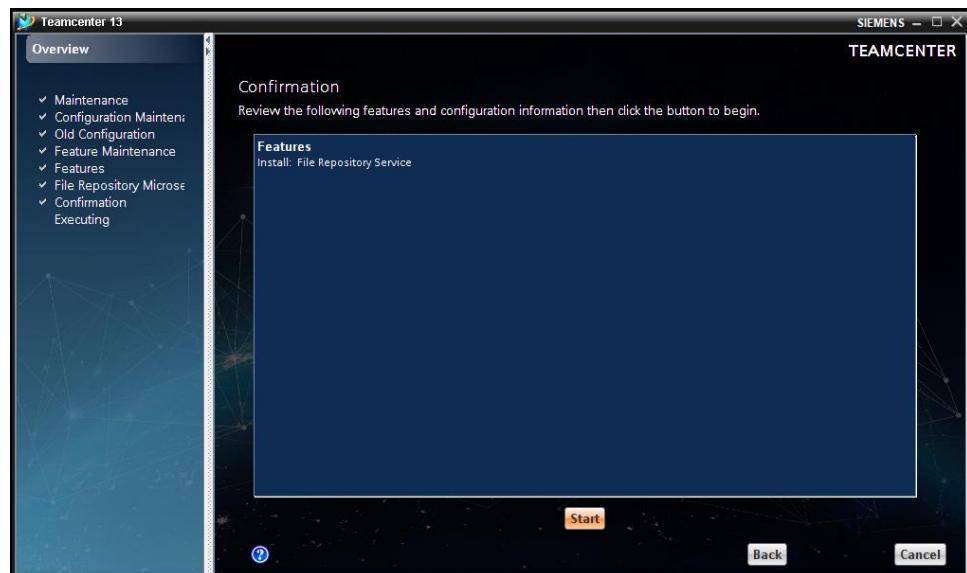
**TEAMCENTER**

**Overview**

- ✓ Maintenance
- ✓ Configuration Mainten:
- ✓ Old Configuration
- ✓ Feature Maintenance
- ✓ Features
- ✓ File Repository Microservice Confirmation Executing

**File Repository Microservice**

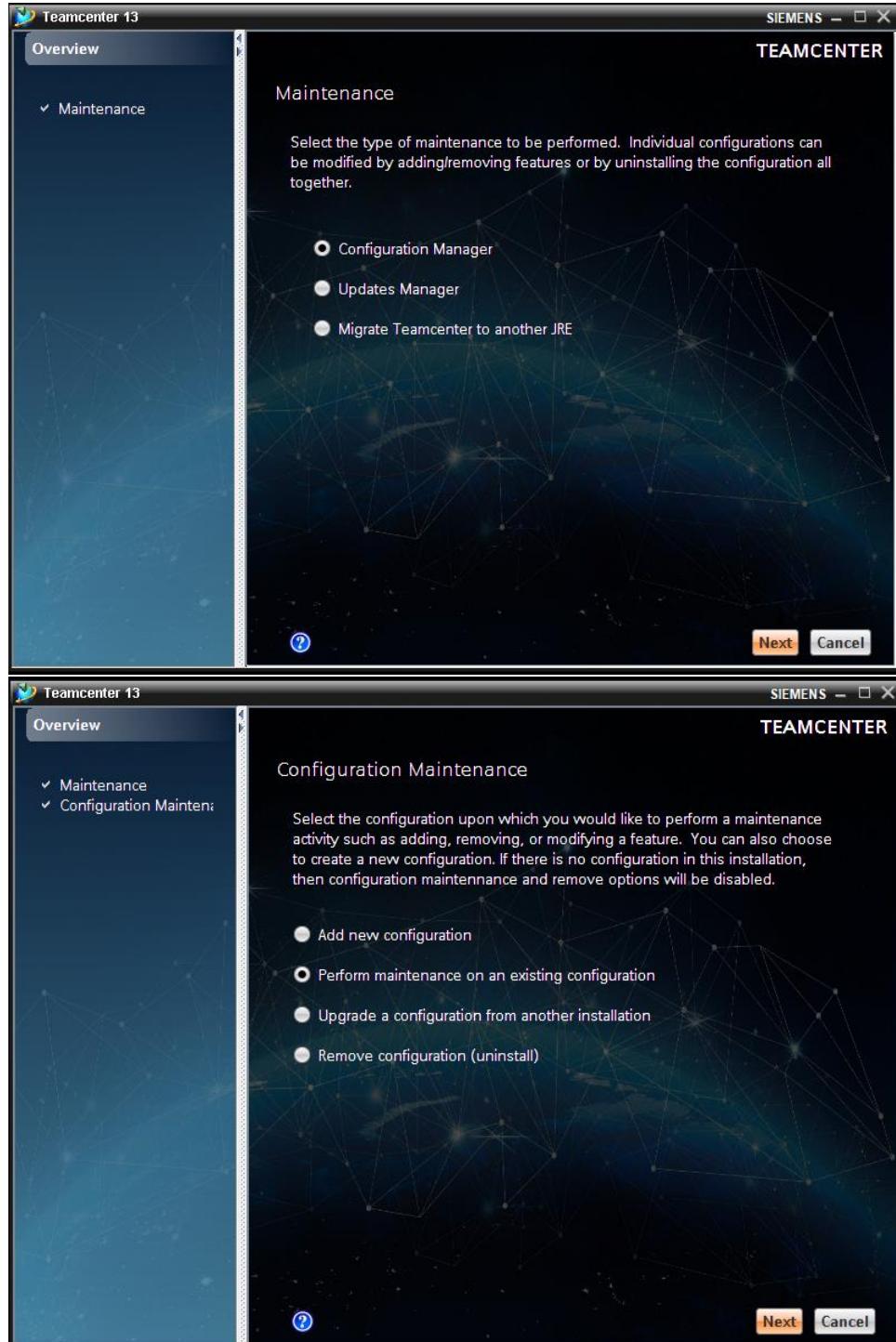
File Repository Storage Location: D:\TC13.2\_Installation\TC13.2\_Installation\Teamcenter\TC\_ROOT\file\_repository

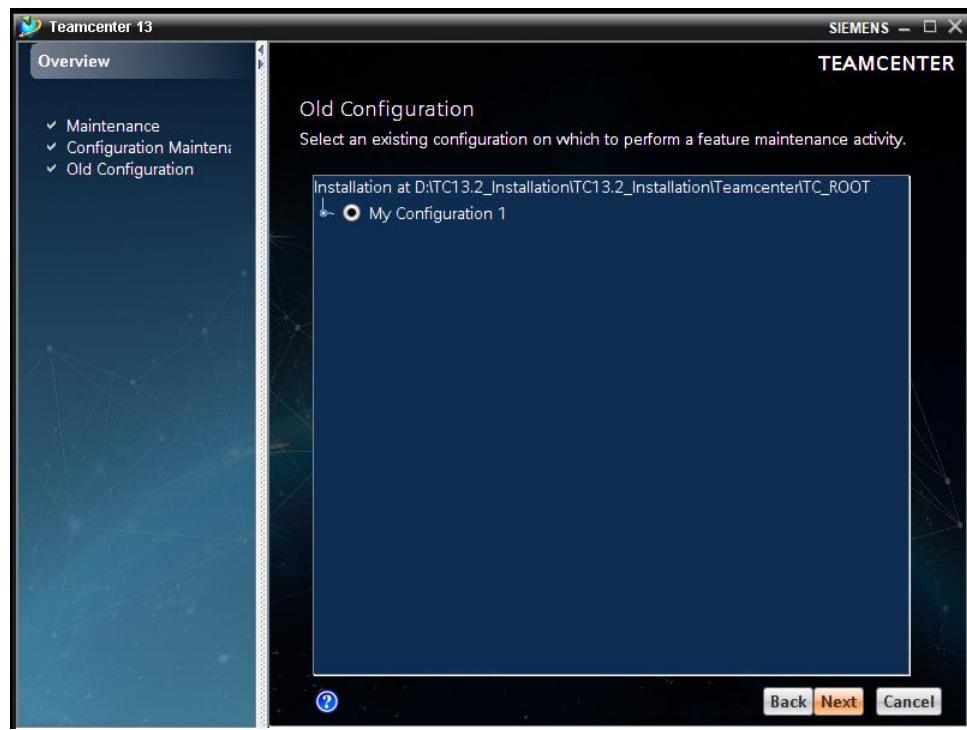


# Installation of Active Workspace server extension features

Stop all TC services except FSC service

Launch tem.bat file



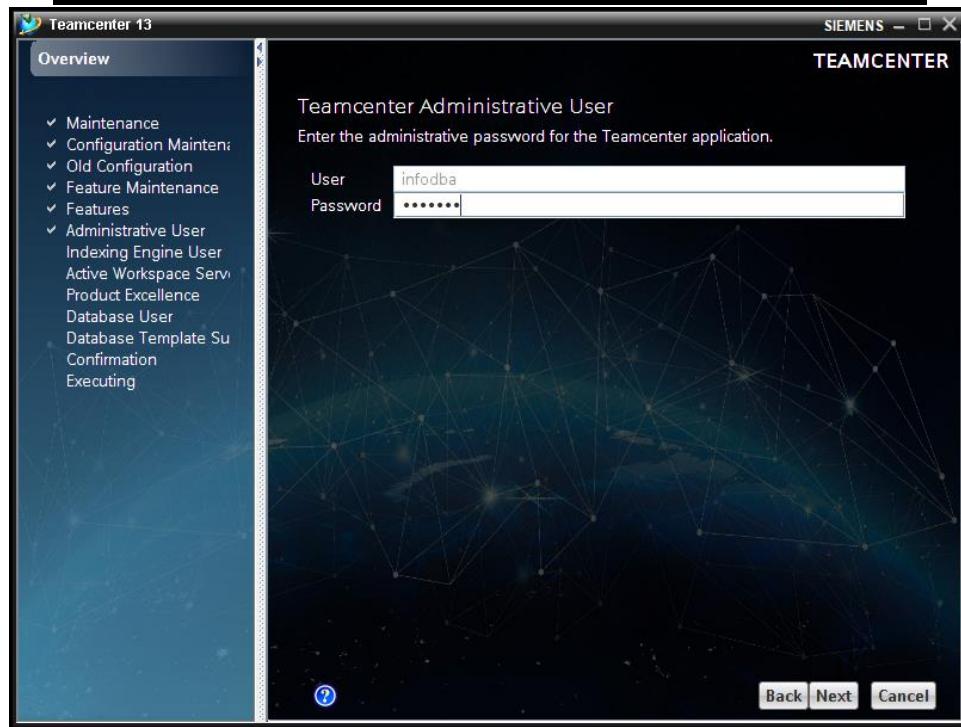
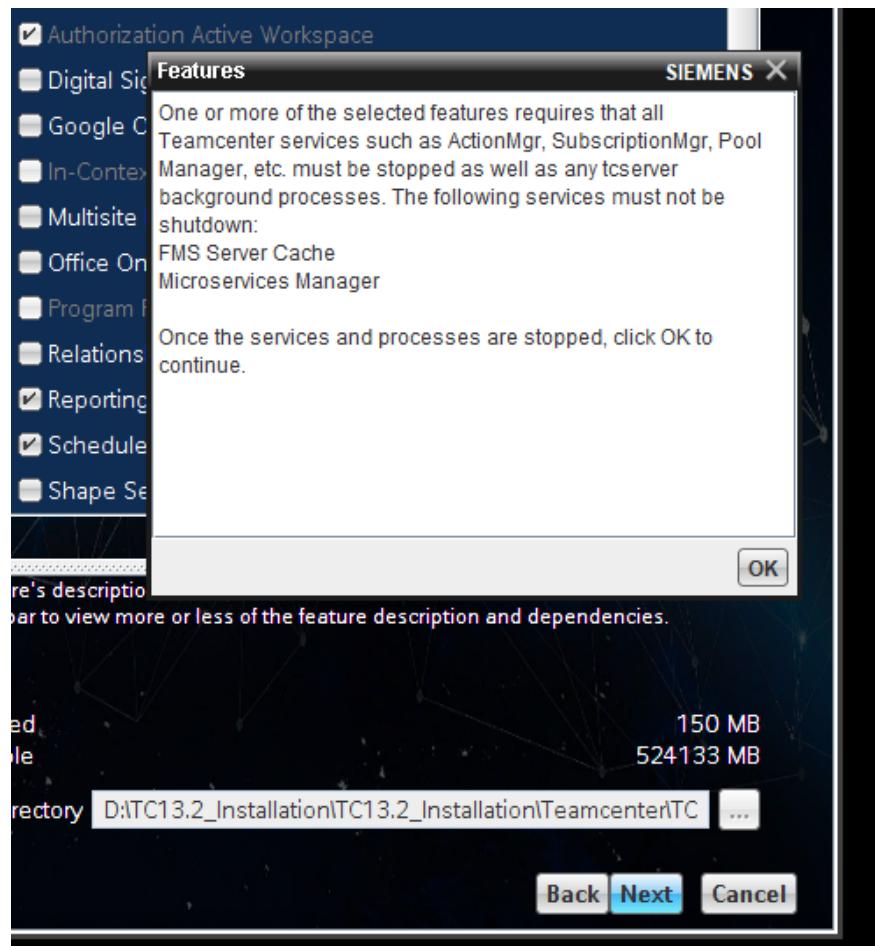


- DPV Active Workspace
- EDA Server Support for Active Workspace
- Manufacturing Resource Manager (MRL)
- Material Management
- NX for Active Workspace
- Part Manufacturing Active Workspace
- Vendor Management
- Visualization Extension
- Workflow
- Easy Plan Graphics
- Electronic Work Instructions
- Finish Management
- Product Configurator
- Requirements Management
- Systems Engineering

#### Features

The features listed below are installed in the current configuration. Select a feature to add it to this configuration. Deselect a feature to remove it.

- ↳ Indexing Server
- ↳ Server Extensions
  - Active Workspace
  - Active Architect Core
  - Active Collaboration
  - Active Collaboration for Retail Solution
  - Active Content Structure
  - Advanced PLM Services Core
  - Active Workspace Assistant
  - Active Workspace Document Management
  - Audit
  - Authorization Active Workspace
  - Digital Signatures
  - Google Online Viewer
  - In-Context Change
  - Multisite Integration
  - Office Online Viewer
  - Program Planning
  - Relationship Viewer
  - Reporting
  - Schedule Manager
  - Shape Search
  - Stock Material
  - Subscription
  - Work Package Management



**Teamcenter 13**

**TEAMCENTER**

**Indexing Engine User**

Enter the user and password for the Indexing Engine user in the fields provided below. The credentials entered must match for every feature that will use the Indexing Engine.

User   
Password

Back Next Cancel

**Teamcenter 13**

**TEAMCENTER**

**Active Workspace Server Extensions Settings**

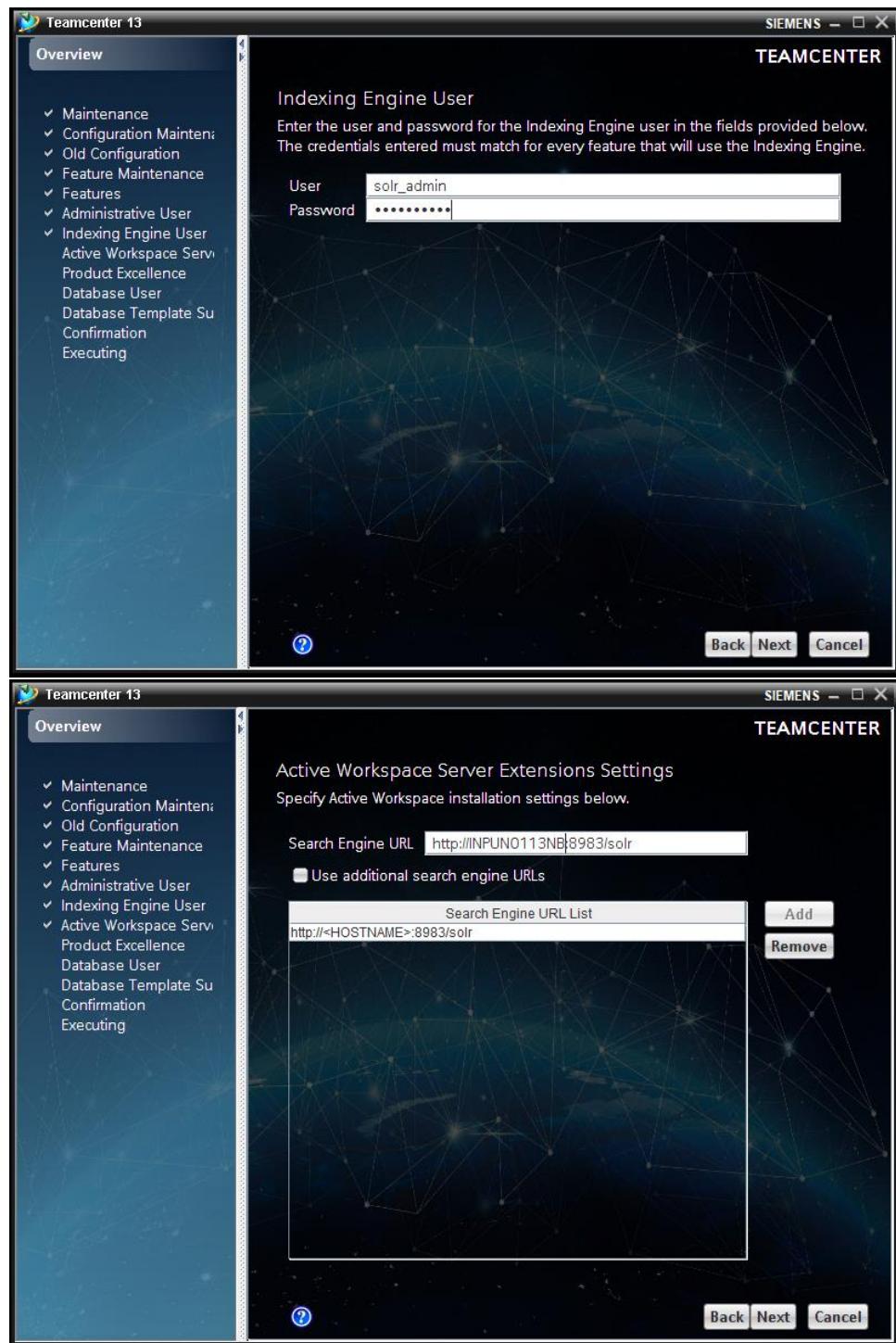
Specify Active Workspace installation settings below.

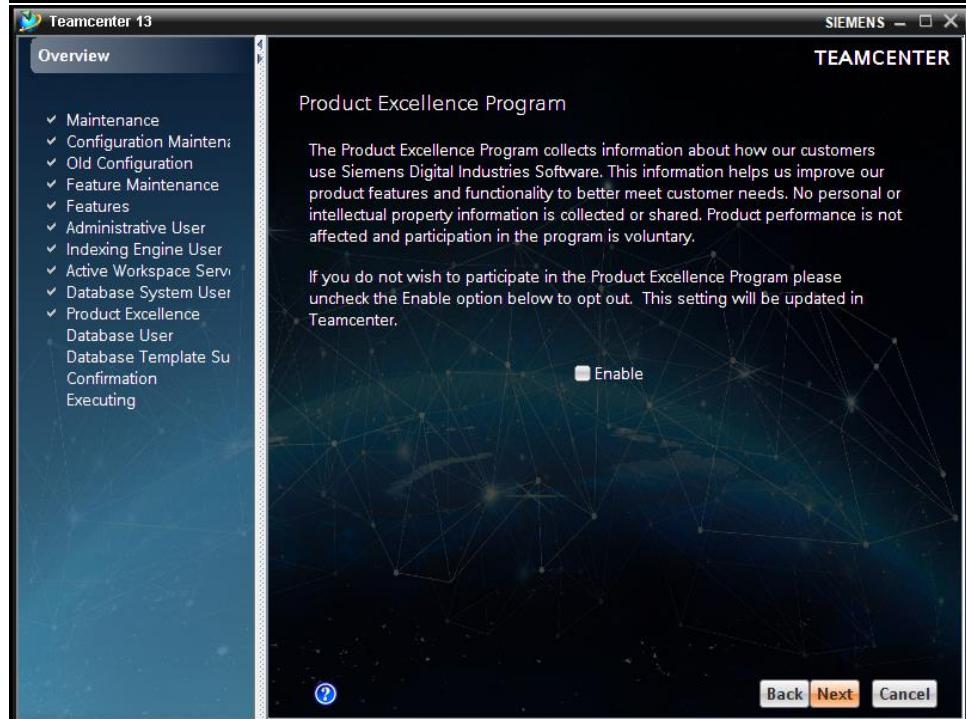
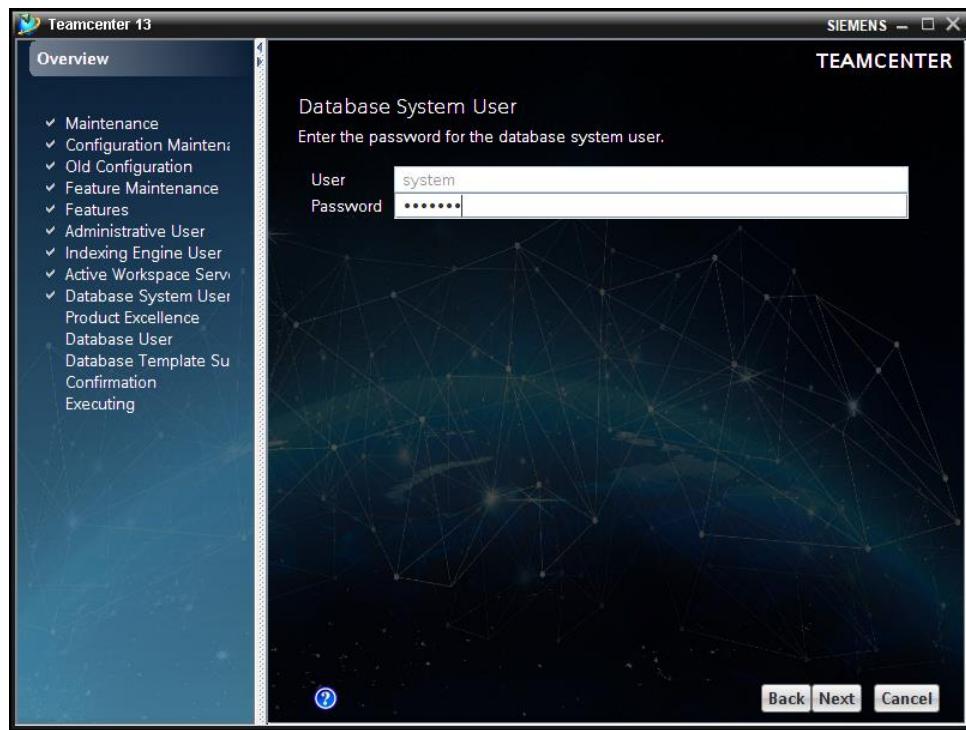
Search Engine URL   
 Use additional search engine URLs

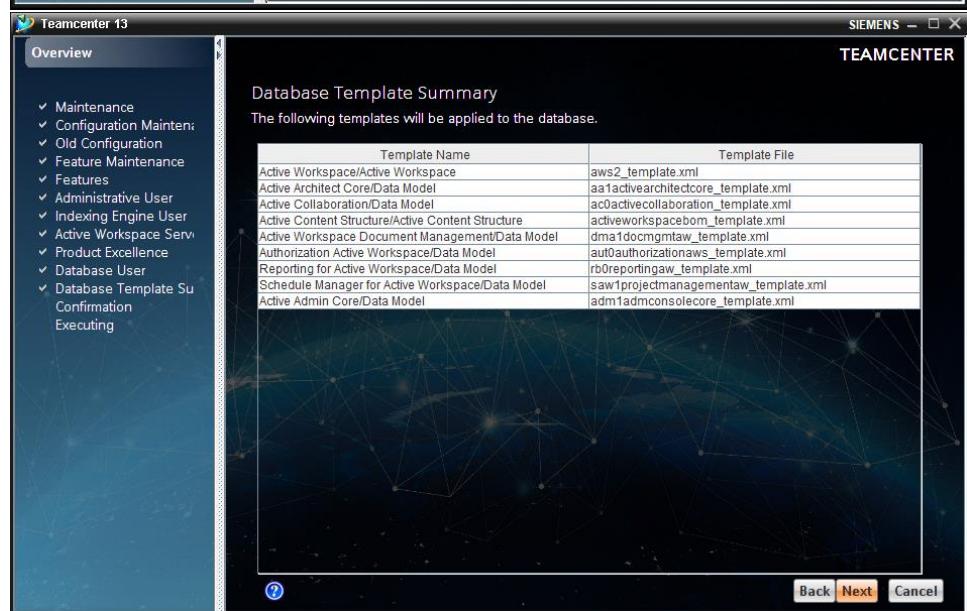
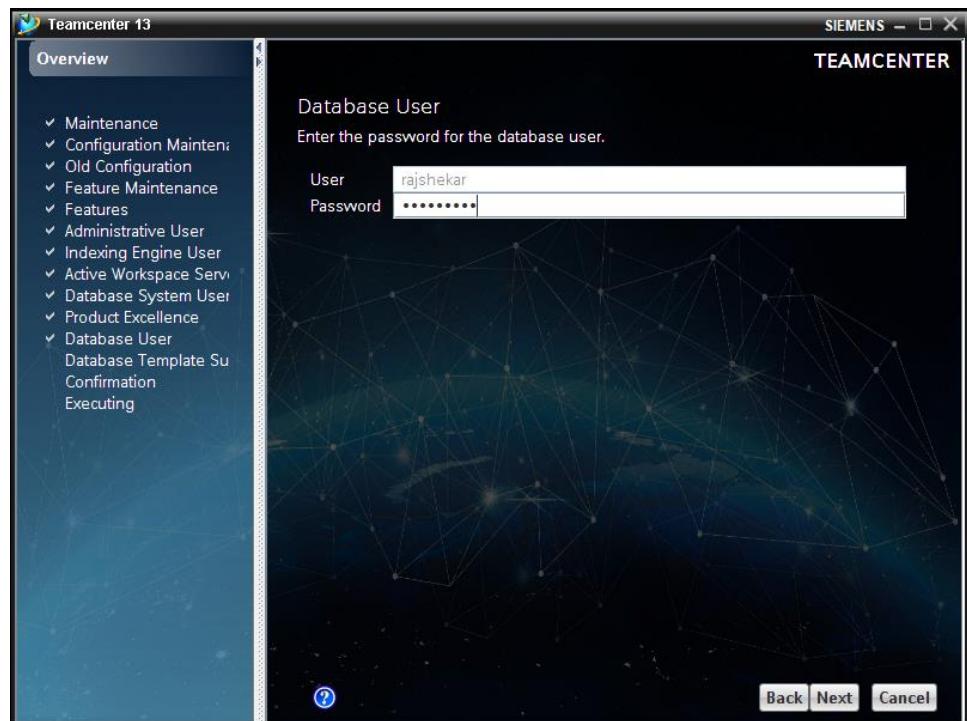
Search Engine URL List  
http://<HOSTNAME>:8983/solr

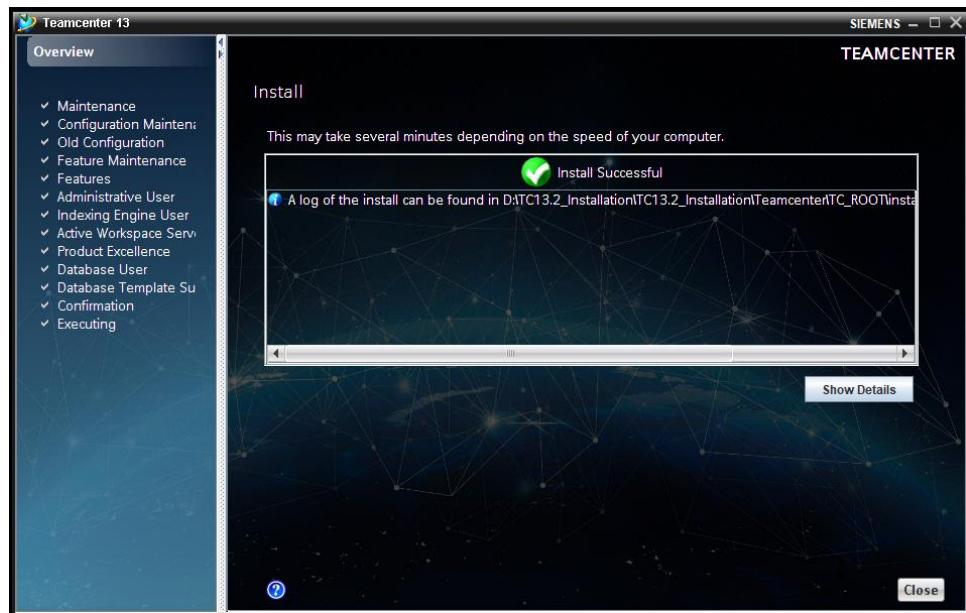
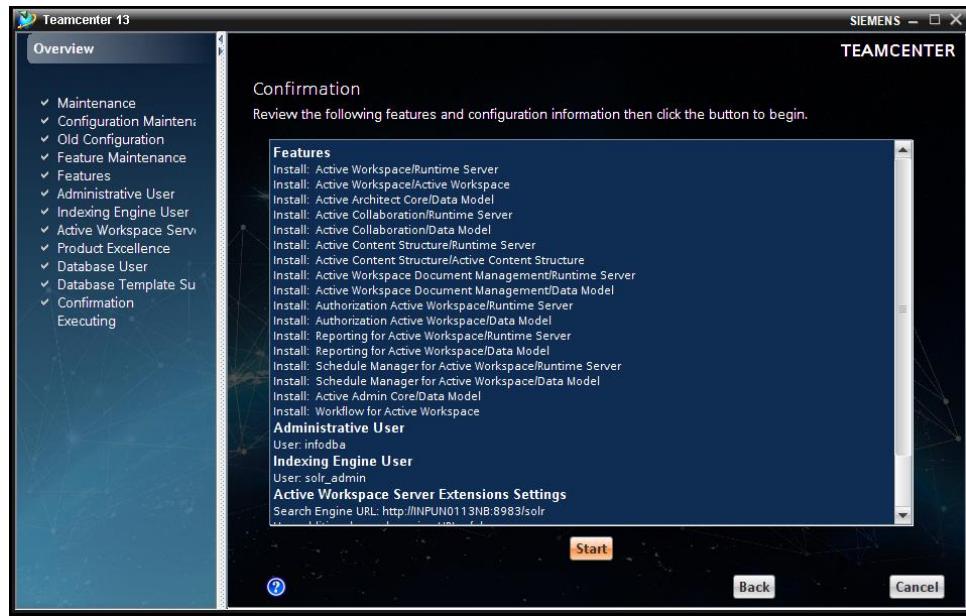
Add Remove

Back Next Cancel



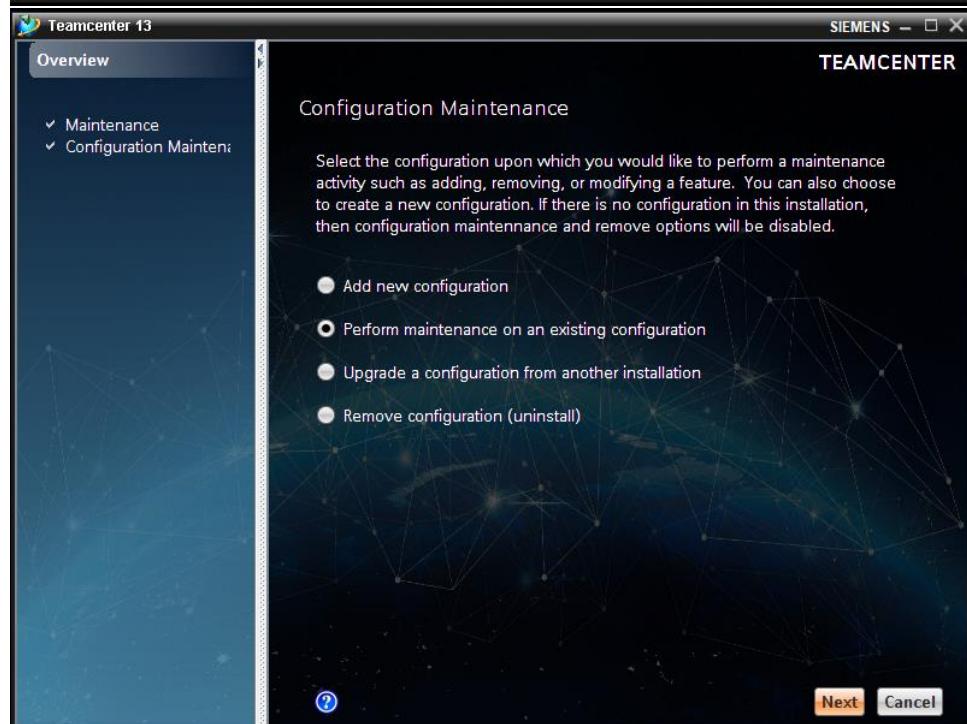
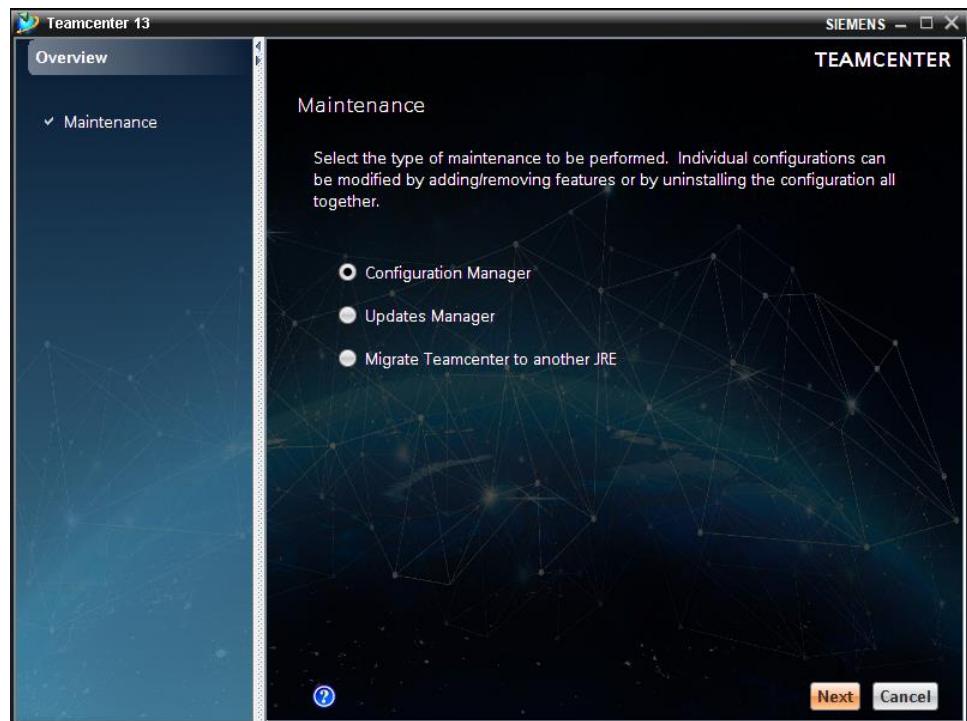


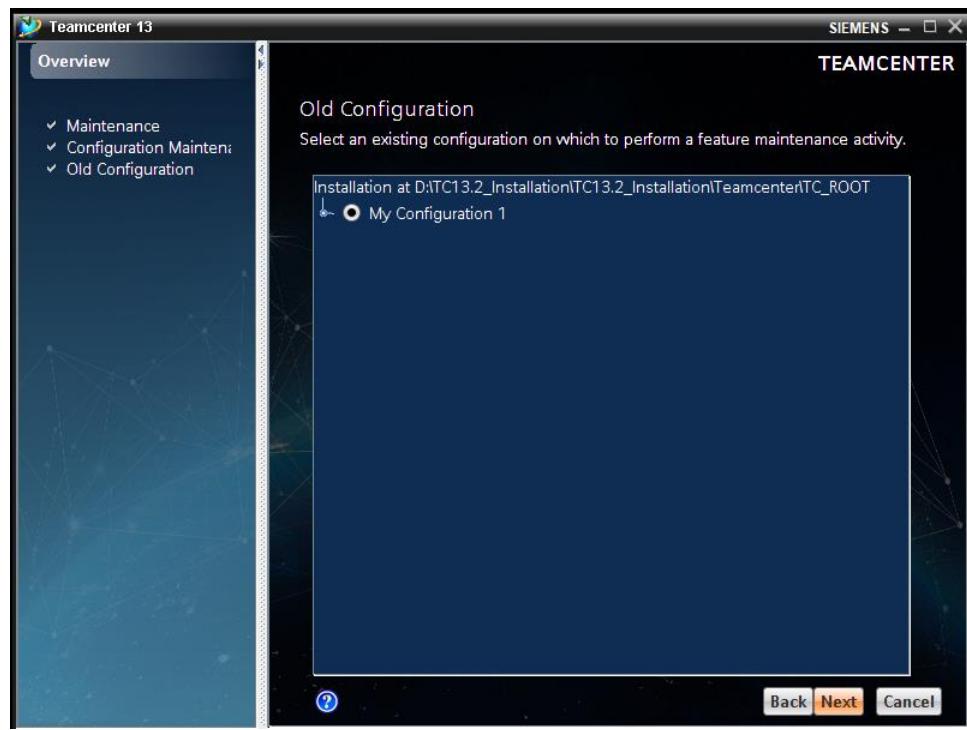


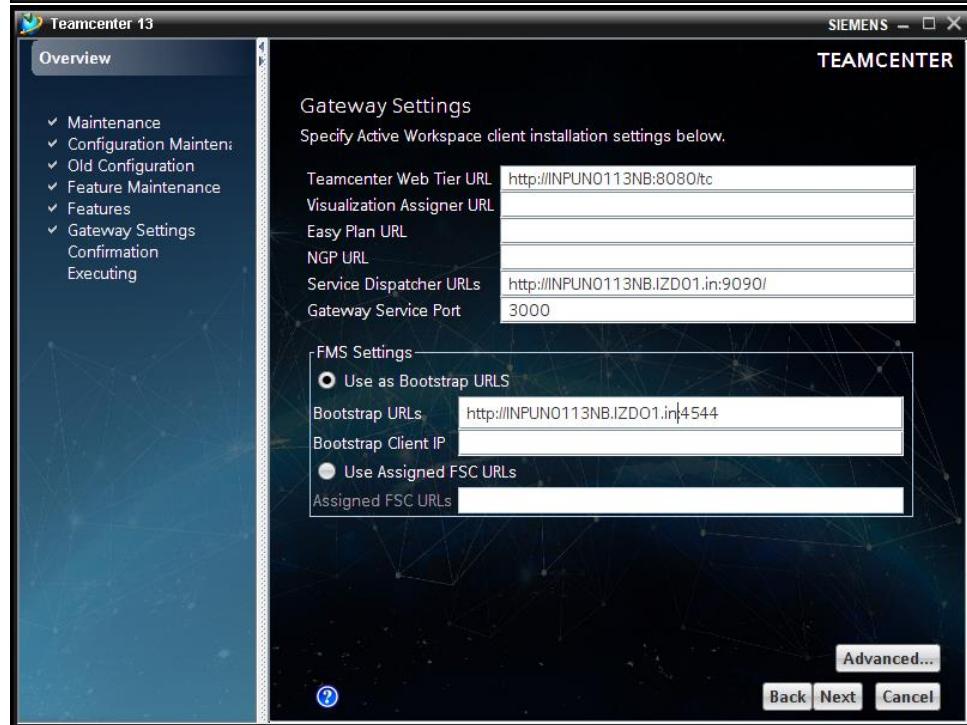
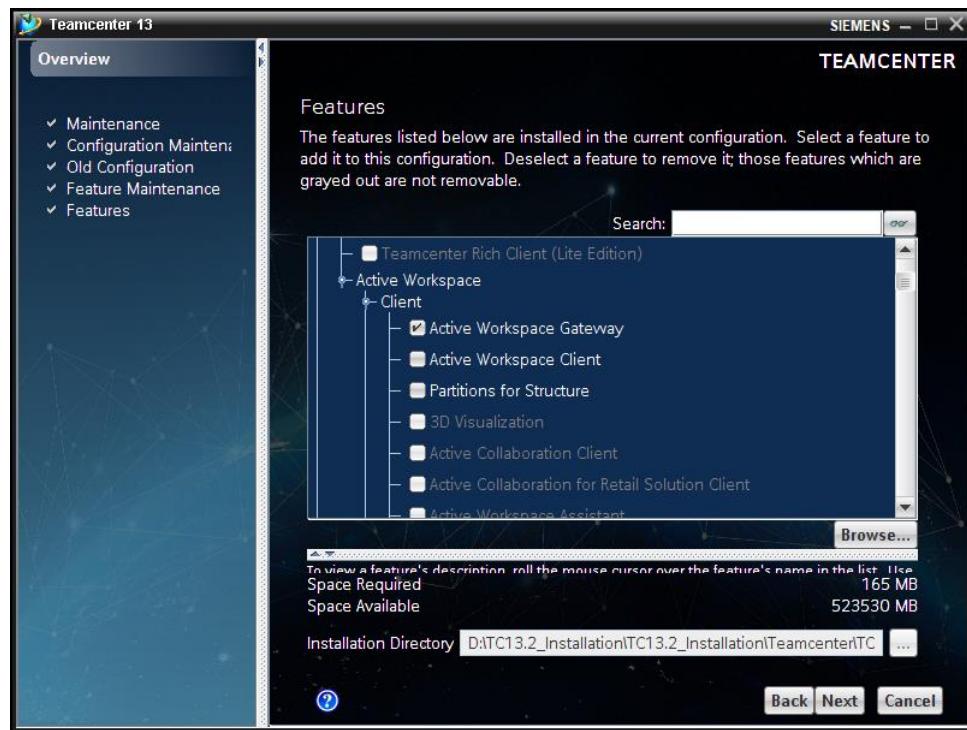


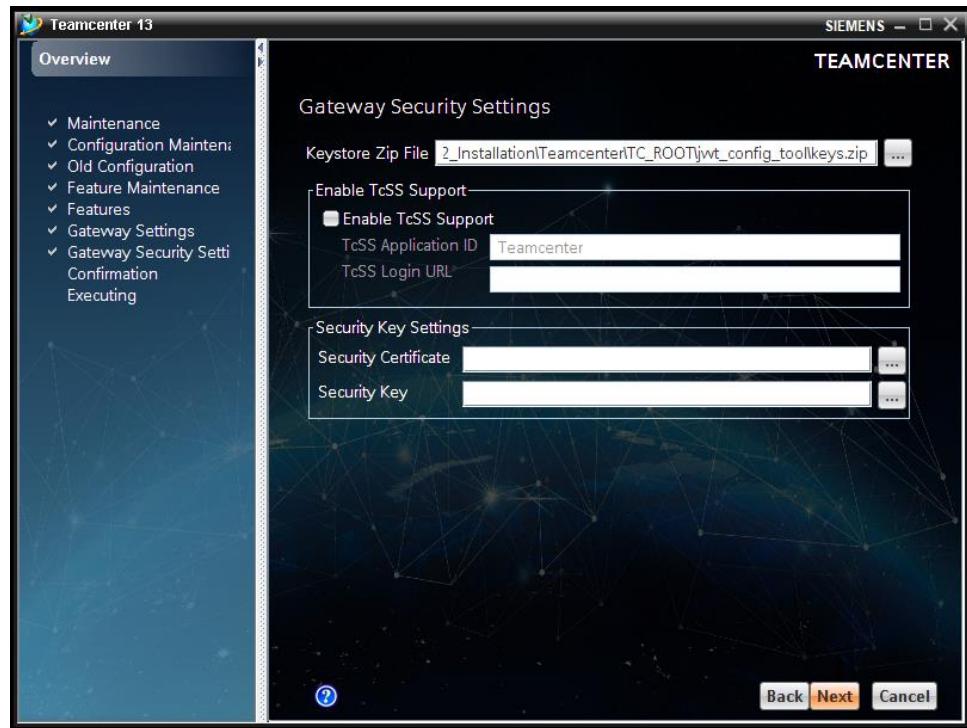
## **Install Active Workspace Gateway**

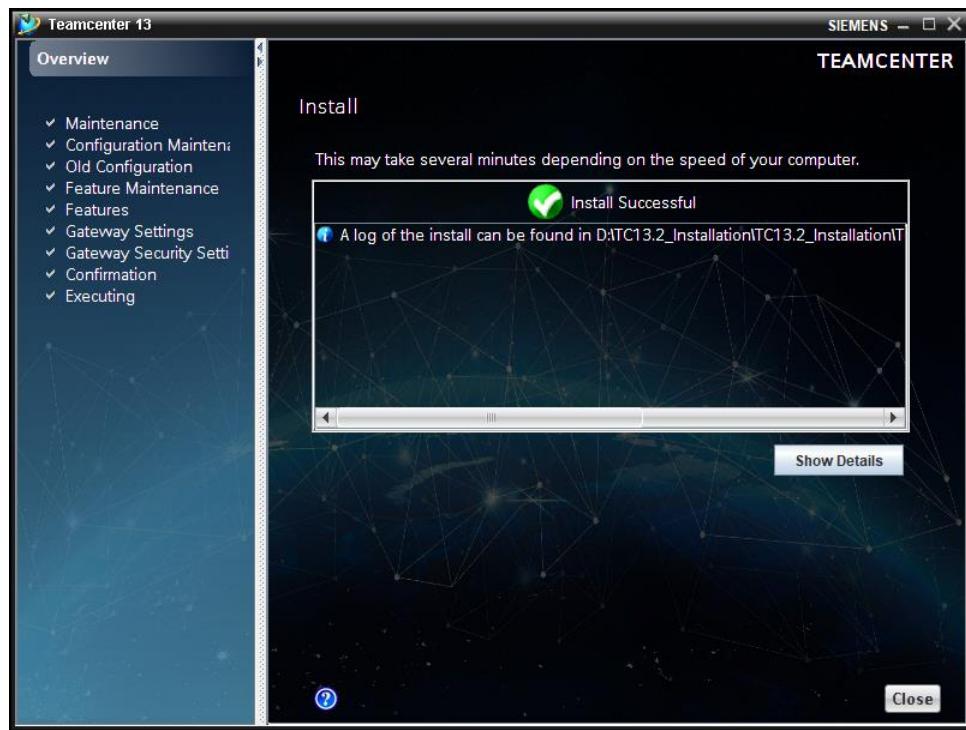
Launch tem.bat file





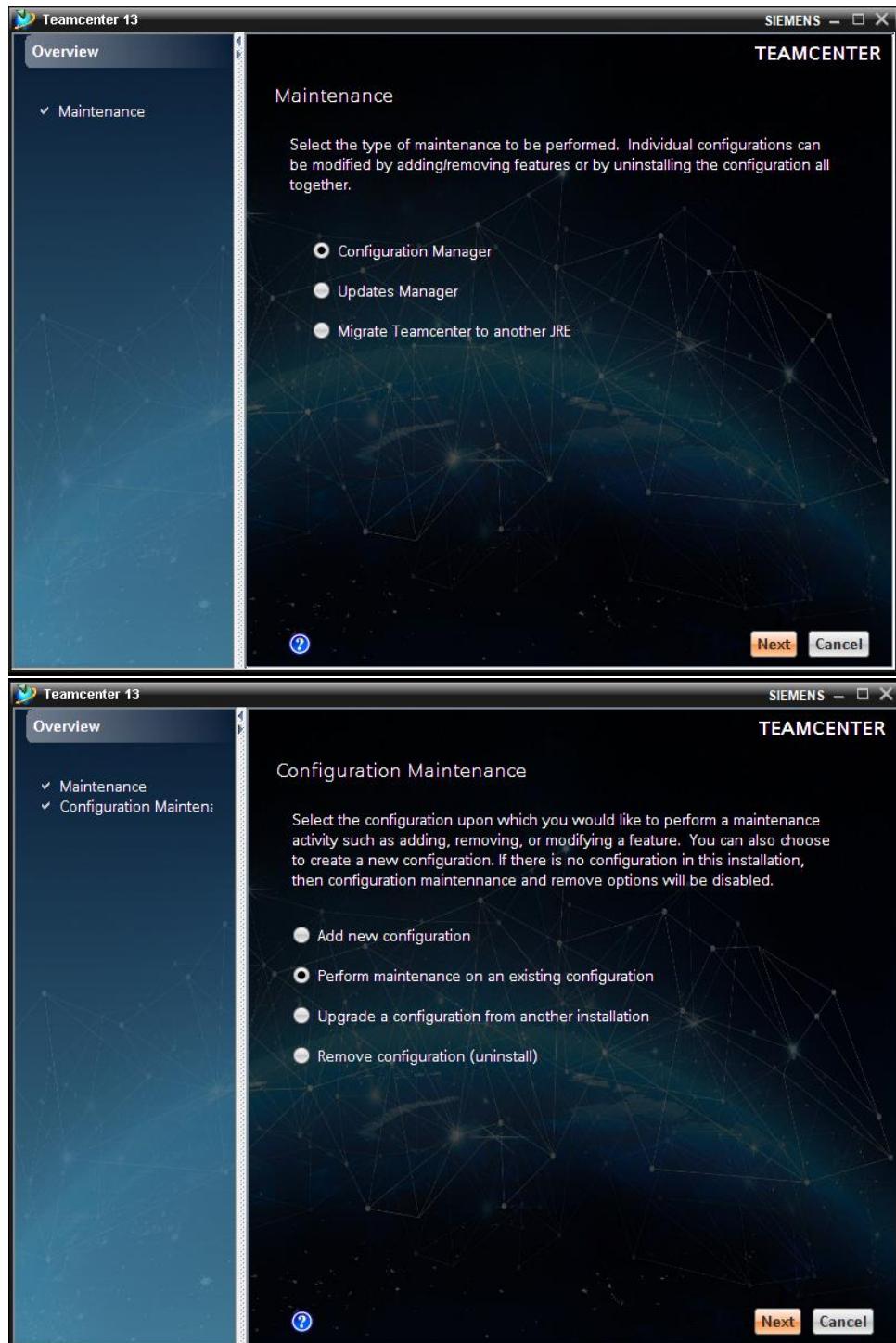


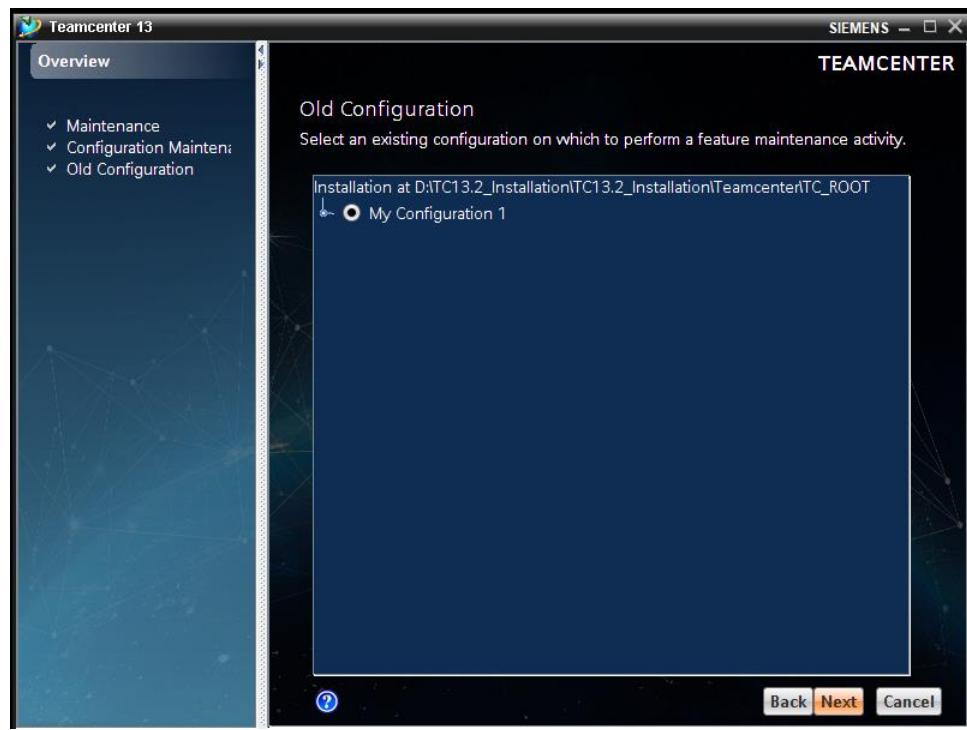




## Install the Active Workspace client

## Launch tem.bat file





```
Teamcenter Rich Client
Microsoft Windows [Version 10.0.19043.1466]
(c) Microsoft Corporation. All rights reserved.

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>INZTDB_config1.bat

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>SET TC_ROOT=D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>SET TC_DATA=D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_DATA

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_DATA\tc_profilevars

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tc_menu>cd..

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT>cd tccs

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\bin>fccstat.exe -status
fccstat -status: FMS ERROR: FCC launch script 'D:\SOFT\Teamcenter13\TC_ROOT\tccs\startfcc.bat' is inaccessible.
FMS ERROR: FCC launch script 'D:\SOFT\Teamcenter13\TC_ROOT\tccs\startfcc.bat' is inaccessible.
The FCC start script is missing or inaccessible. FMS_HOME may be incorrect.

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\bin>set FMS_HOME=D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tccs

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\bin>fccstat.exe -status
fccstat -status:
Cache:
segment: 1 files, 360448 bytes, 0 hits, 0 misses.
read:   134 files, 17812420 bytes, 0 hits, 0 misses.
write:  0 files, 0 bytes.
```

```
Teamcenter Rich Client
0 background file download requests received.

Servers:
0 segments downloaded.
0 files downloaded.
0 files uploaded.

<site=?>
0: Assigned FSC 'http://INPUN0113NB.IZD01.in:4544/tc/fms/-1765864388/mygroup/FSC_INPUN0113NB_installuser' is currently active.

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tccs\bin>cd..

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\tccs>cd..

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT>cd portal

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\portal>portal.bat
Starting Teamcenter Rich Client...

D:\TC13.2_Installation\TC13.2_Installation\Teamcenter\TC_ROOT\portal>
```

## Run

"D:\TC13.2\_SETUP\wildfly\_Final\wildfly\bin\standalone.conf.bat"  
"D:\TC13.2\_SETUP\wildfly\_Final\wildfly\bin\standalone.bat"

