



AWC Deployment Instruction (Windows)

May 2017

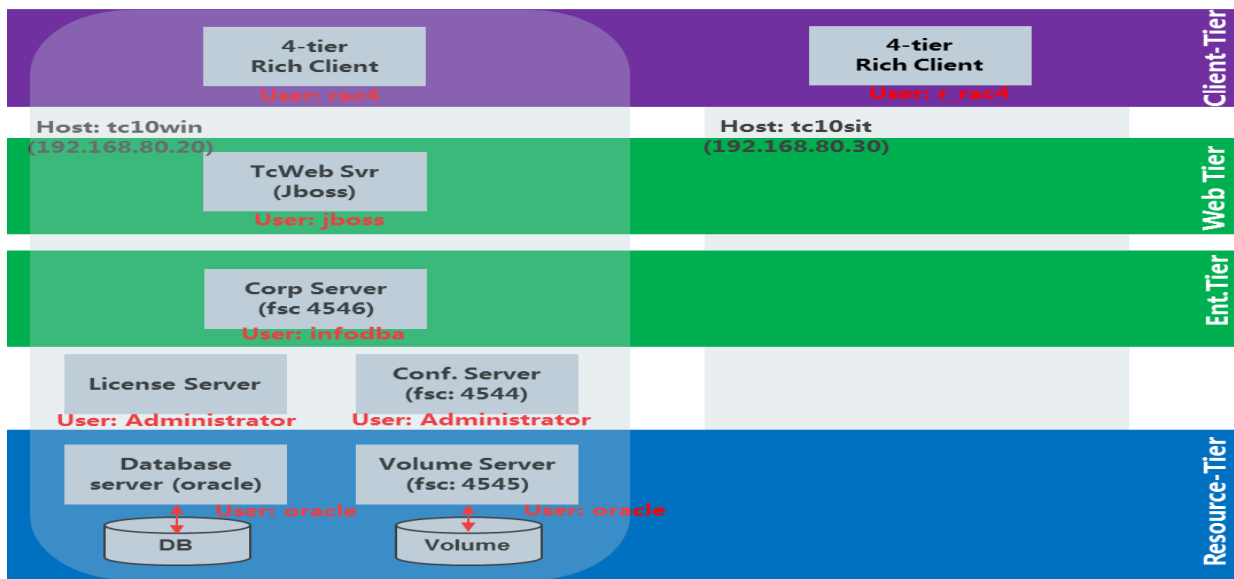
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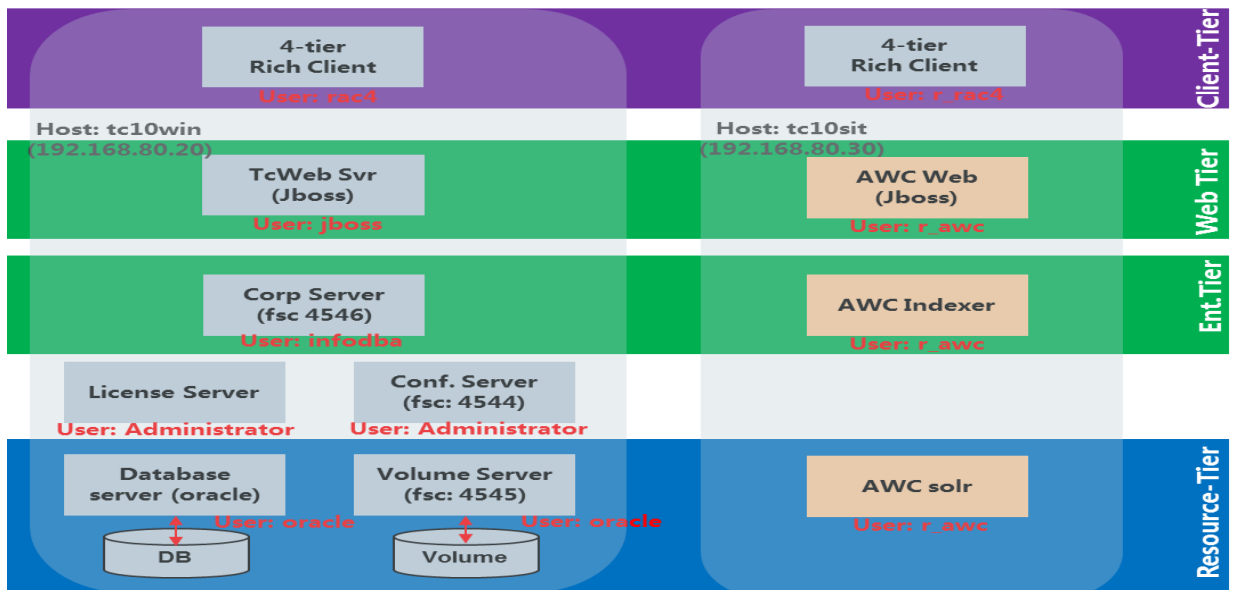
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1 System Overview

1.1 SOURCE SYSTEM ARCHITECTURE



1.2 TARGET SYSTEM ARCHITECTURE



- AWC Client may be any machine on the testing network.
- AWC Client build machine is not covered in this document, should be a 64-bit machine with at least 8G-memory.

1.3 SOFTWARE AND HARDWARE

N/A

2 Installation

2.1 INSTALLING SERVER EXTENSIONS

2.1.1 Installation Process Overview



2.1.2 Prerequisites



Prerequisites:

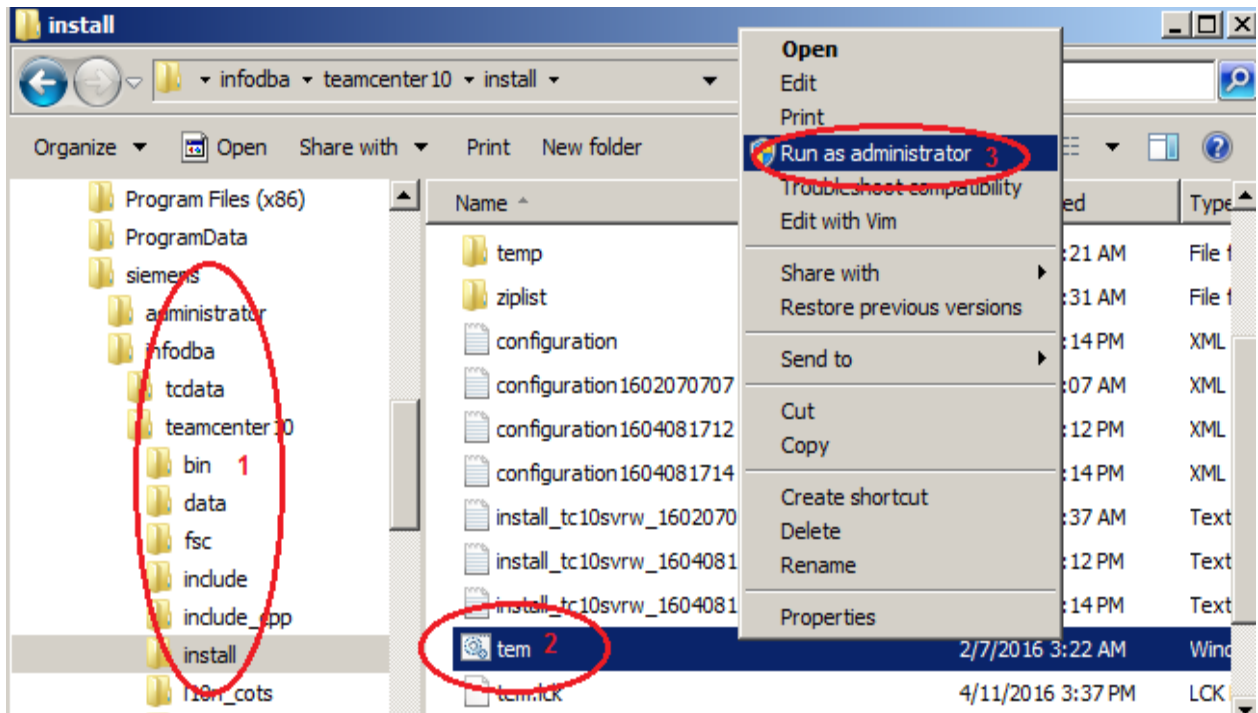
Java	- JRE64_HOME=C:\apps\java\jre7 - JAVA_HOME=C:\apps\java\jdk1.7.0_45	tc10win
solr	- url: http://tc10sit:8983/solr - user/password: solr_admin/solr_admin	

2.1.3 Install AWC2.4 Patch on Teamcenter Servers

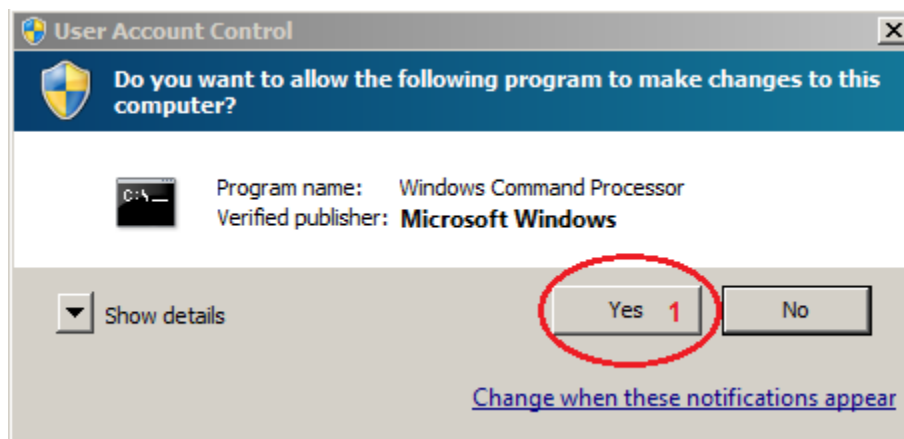


Installation steps:

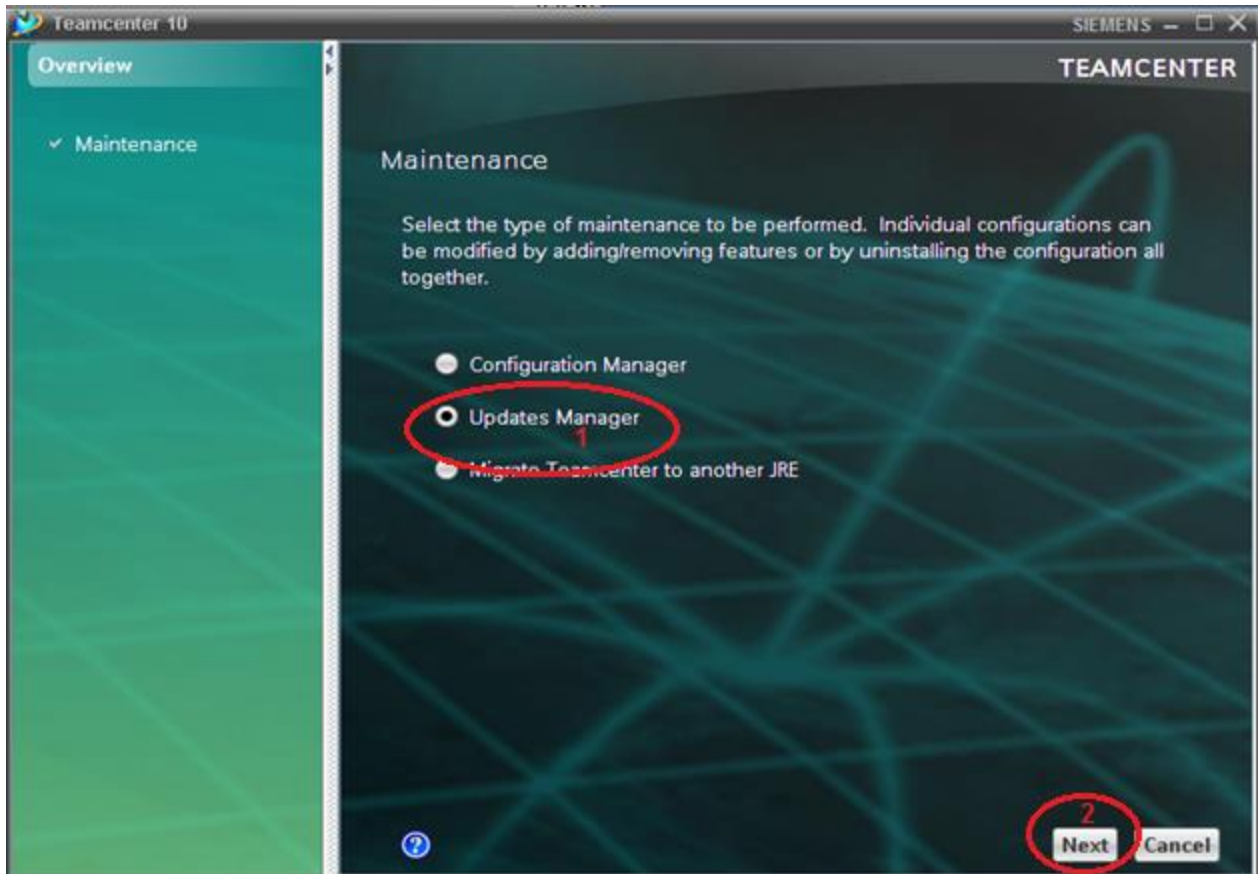
- Log on to tc10win as infodba/infodba.
- Start TEM



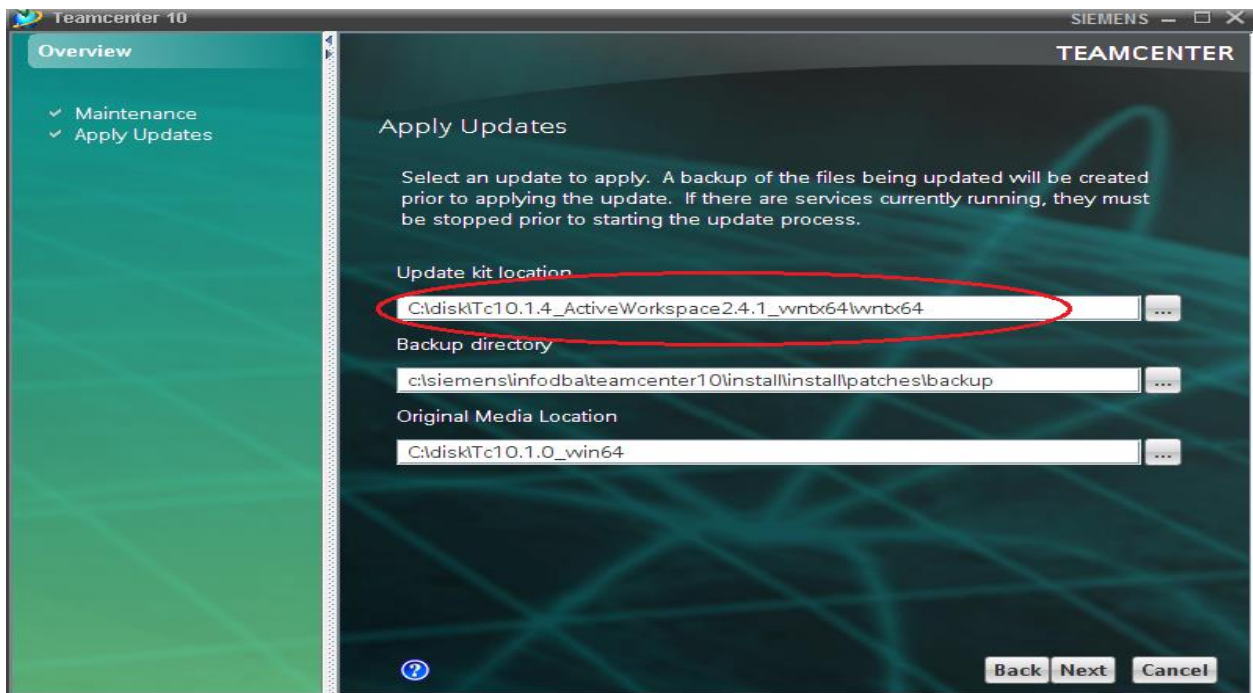
- In the User Account Control dialog window, click Yes.



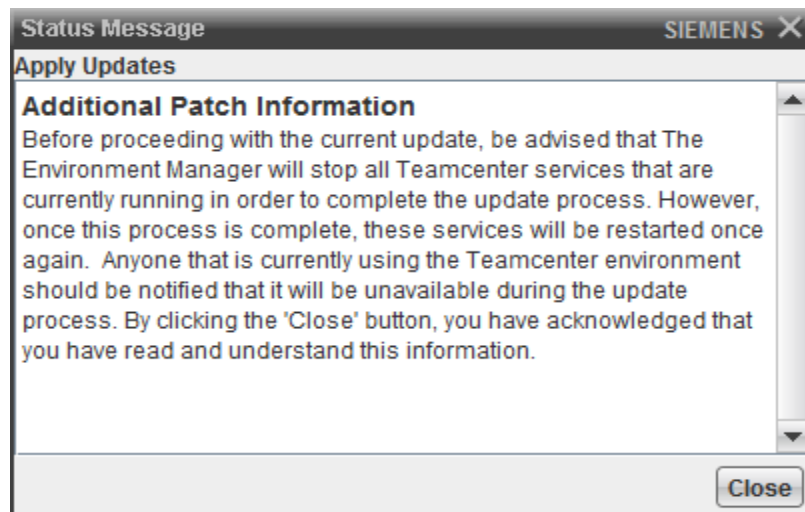
- In the Maintenance dialog window, check Update Manager, then Next.



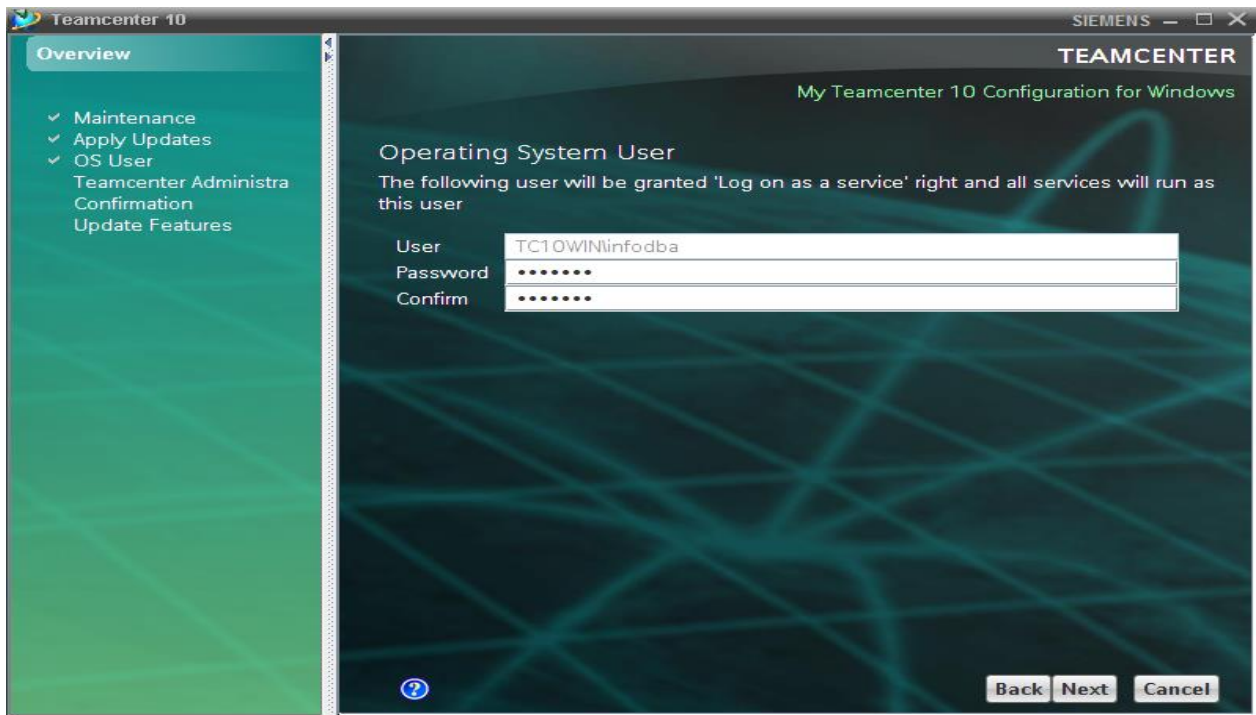
- In the Apply Updates window, for the Update kid location browser and select C:\disk\Tc10.1.4_ActiveWorkspace2.4.1_wntx64\wntx64, then Next.



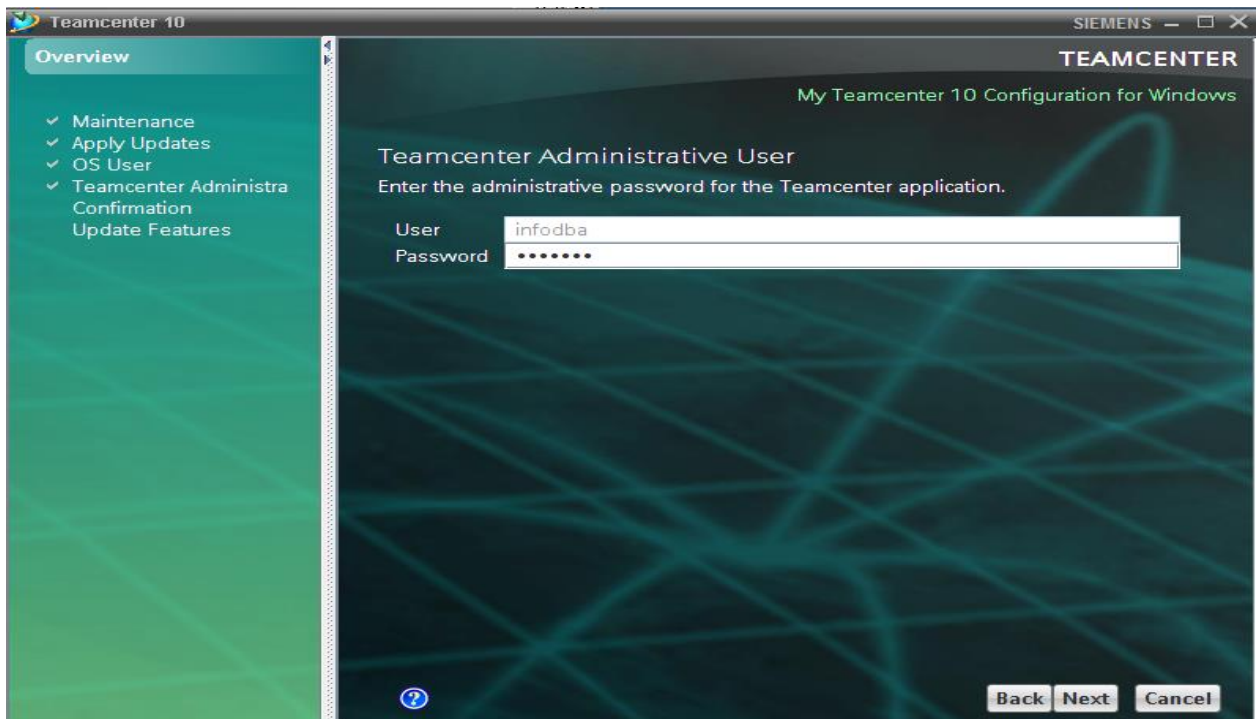
- Stop all the Teamcenter processes or services (except for FSC), then click Close in the Status Message dialog window.



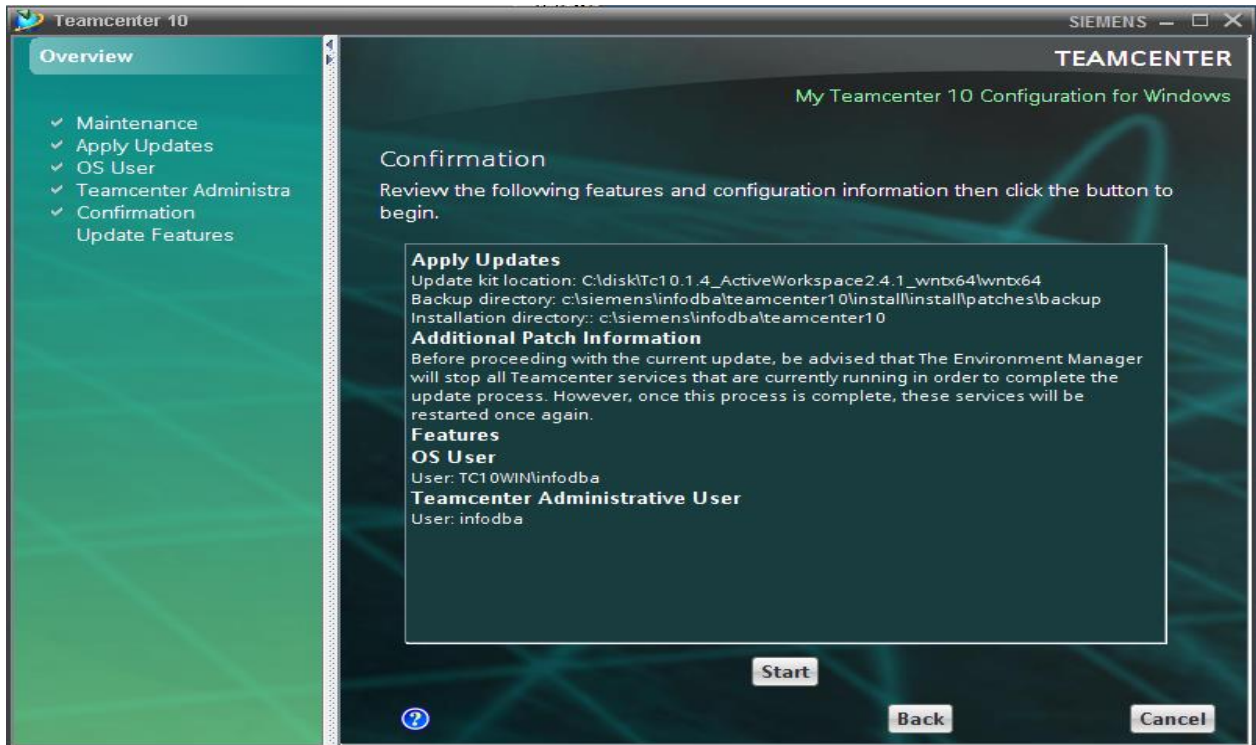
- In the Operating System User dialog window, type infodba for password box, then Next.



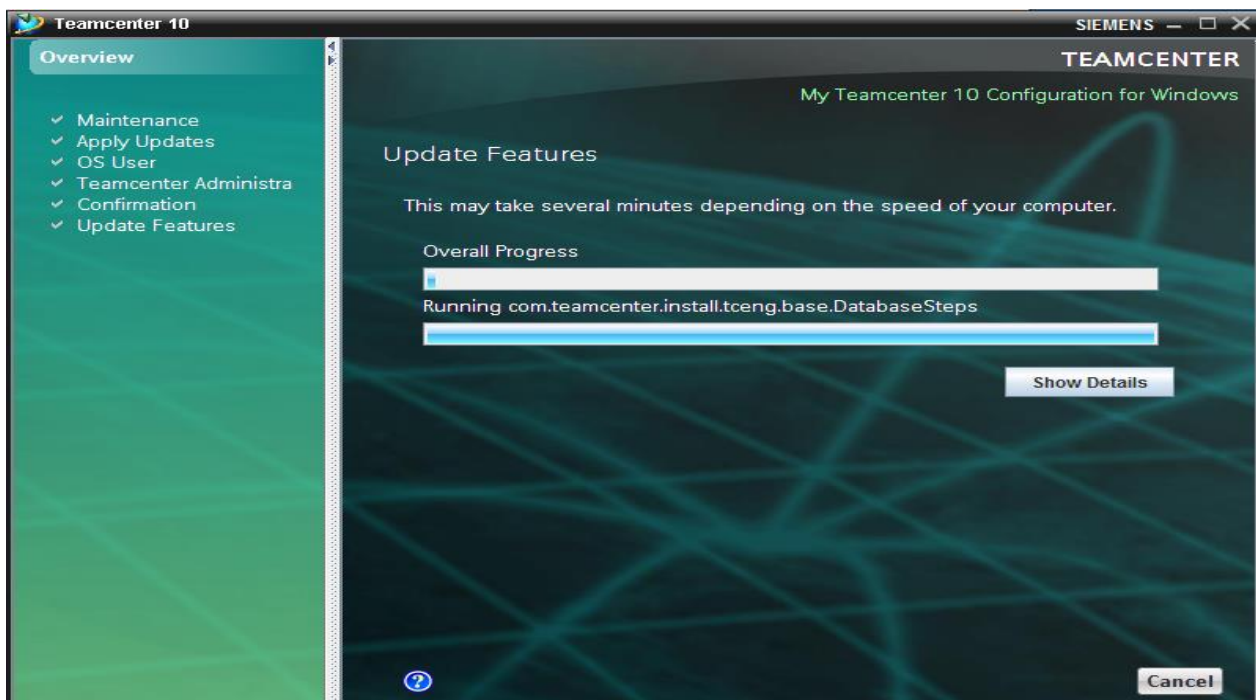
- In the Teamcenter Administrative User dialog window, type infodba for both the User box and Password box, then Next.



- In the Confirmation box, click Start.



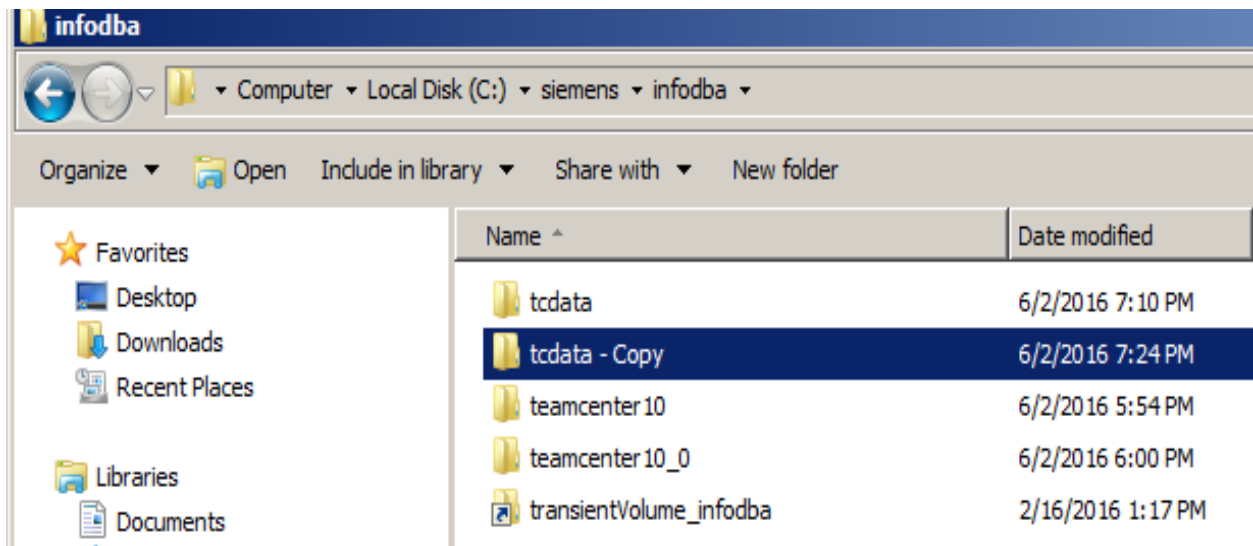
- In the Update Features dialog window, the status bar appears indicating the update is in the process.



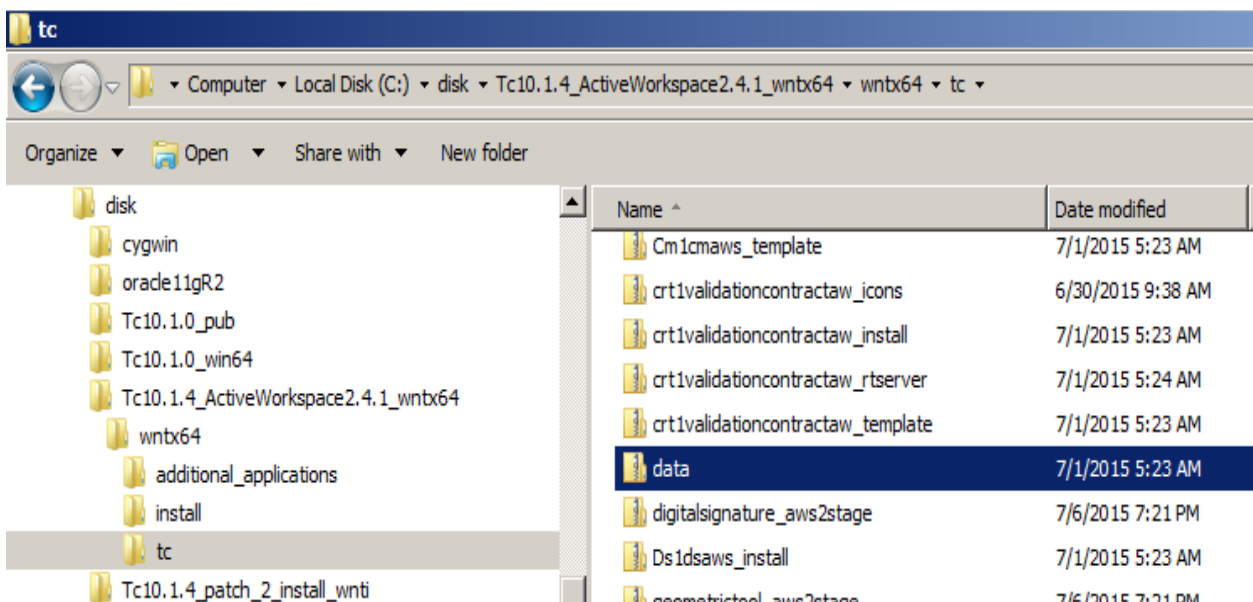
- Update %TC_DATA%, then click Close in the Status Message box.

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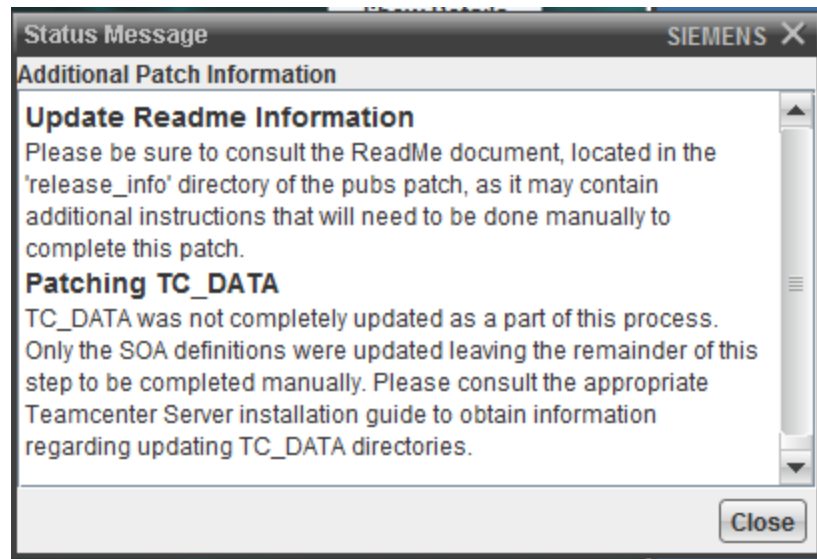
- **Backup %TC_DATA%**



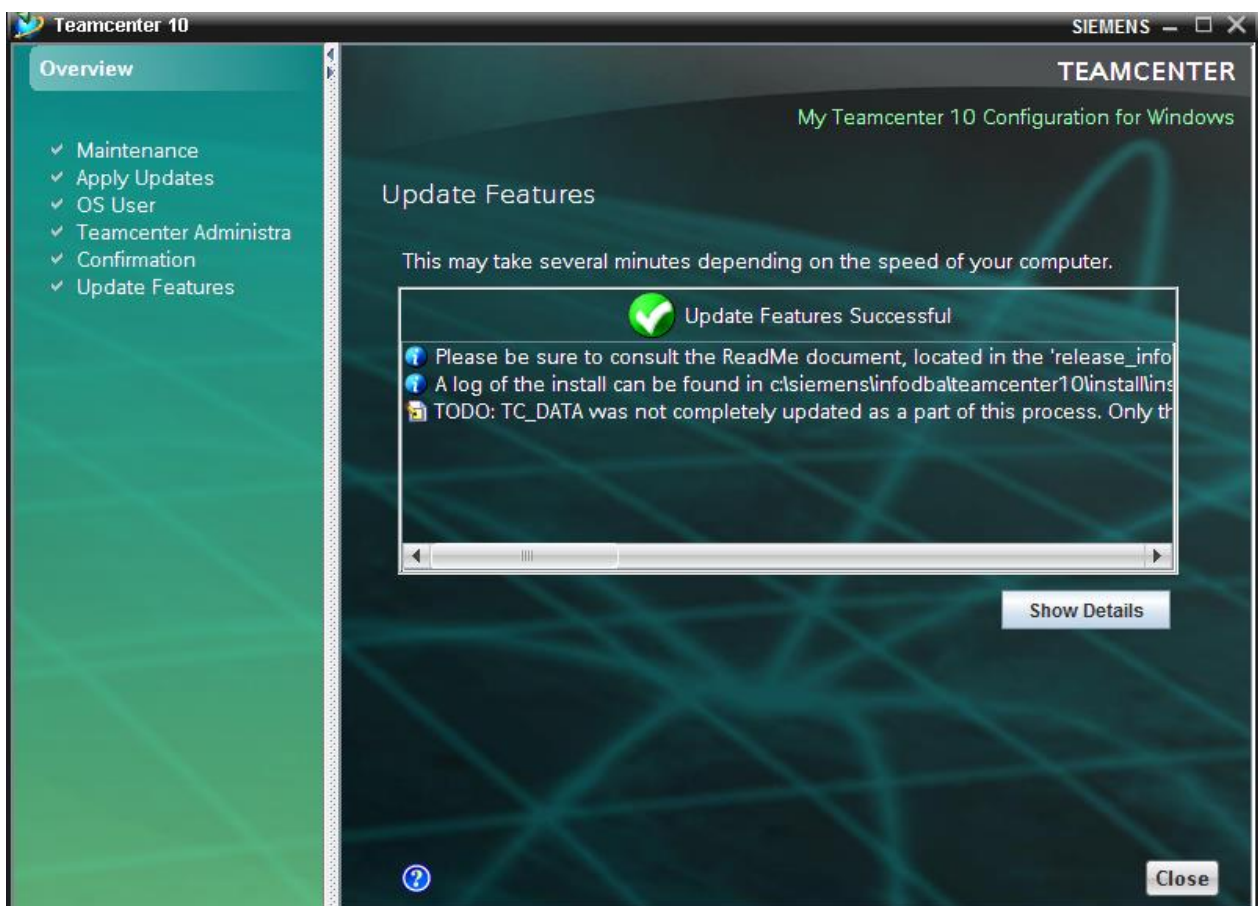
- **Unzip data.zip to %TC_DATA%**



- **Click Close.**



- After successfully update, click on Close to quit TEM.

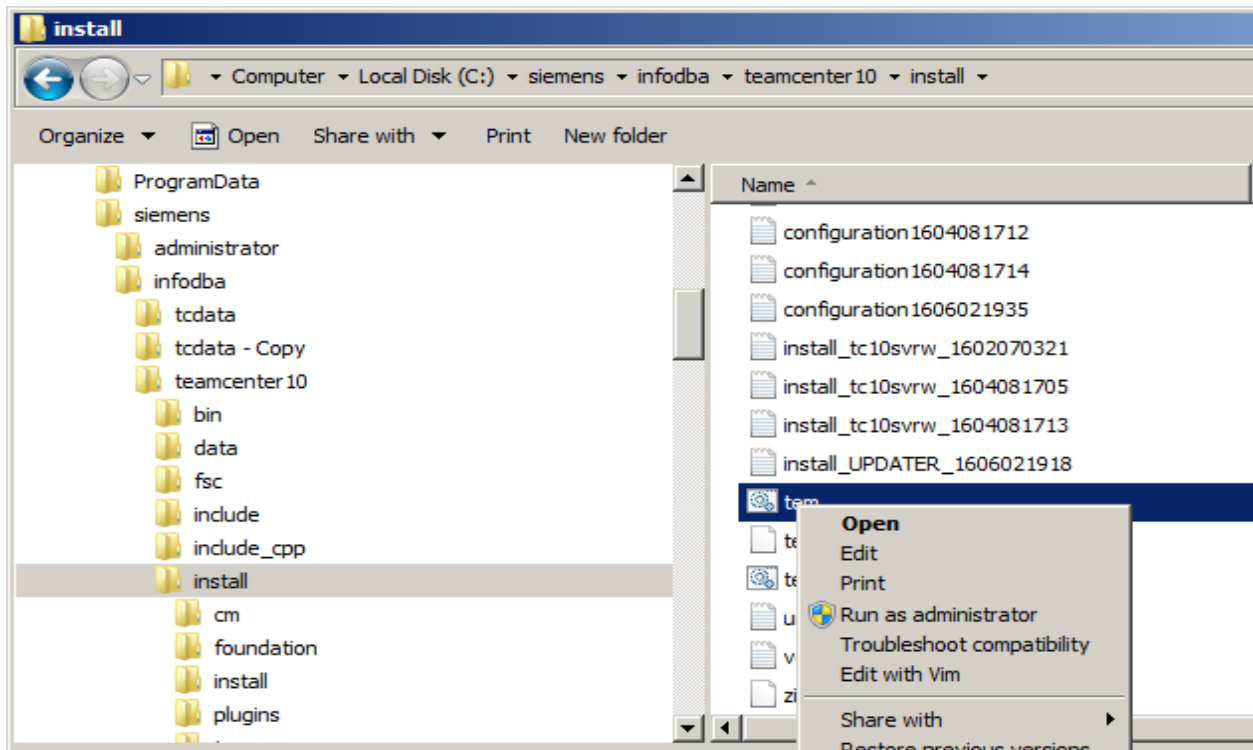


2.1.4 Install Server Extensions Features

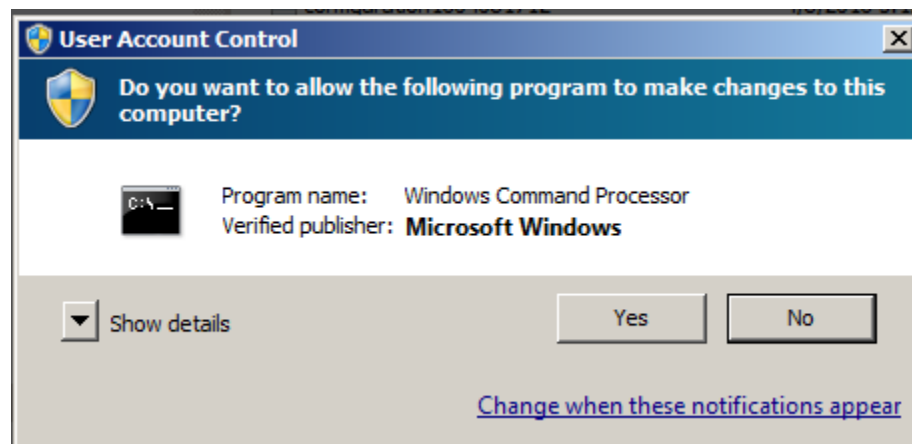


Installation steps:

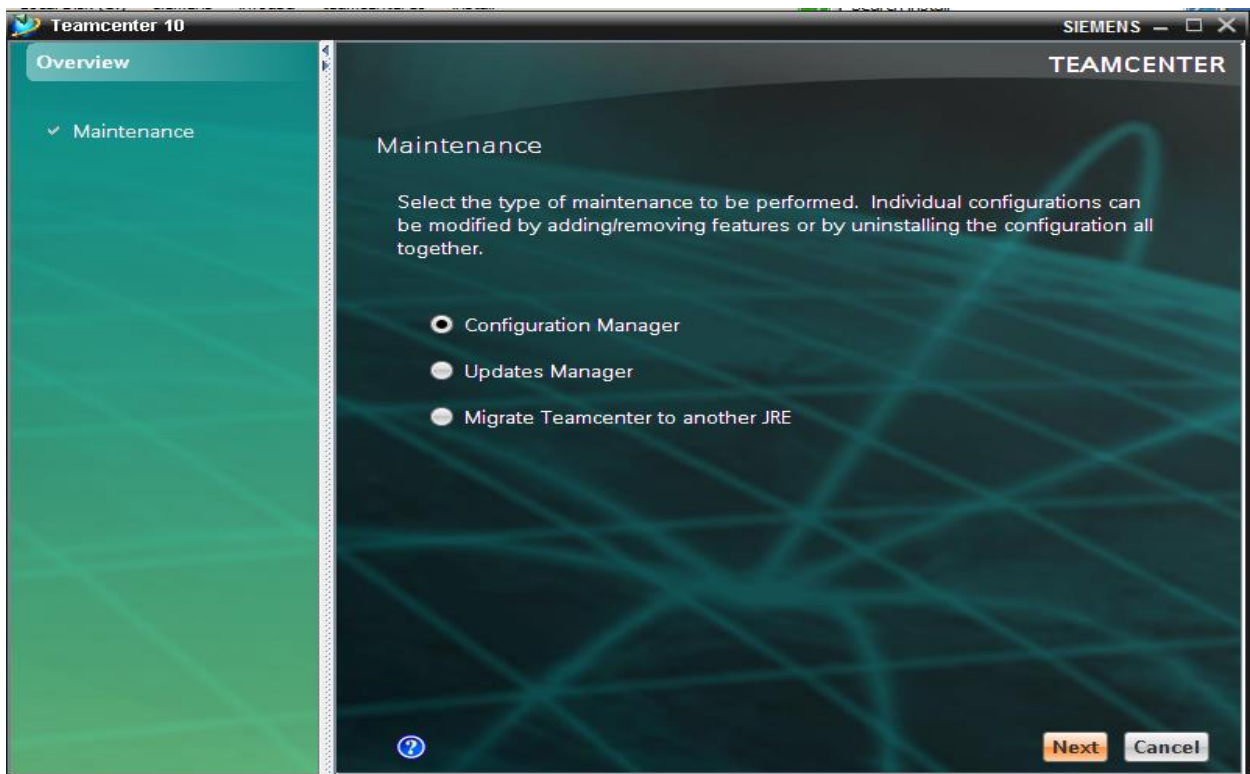
- Log on to tc10win as infodba/infodba.
- Start TEM as administrator



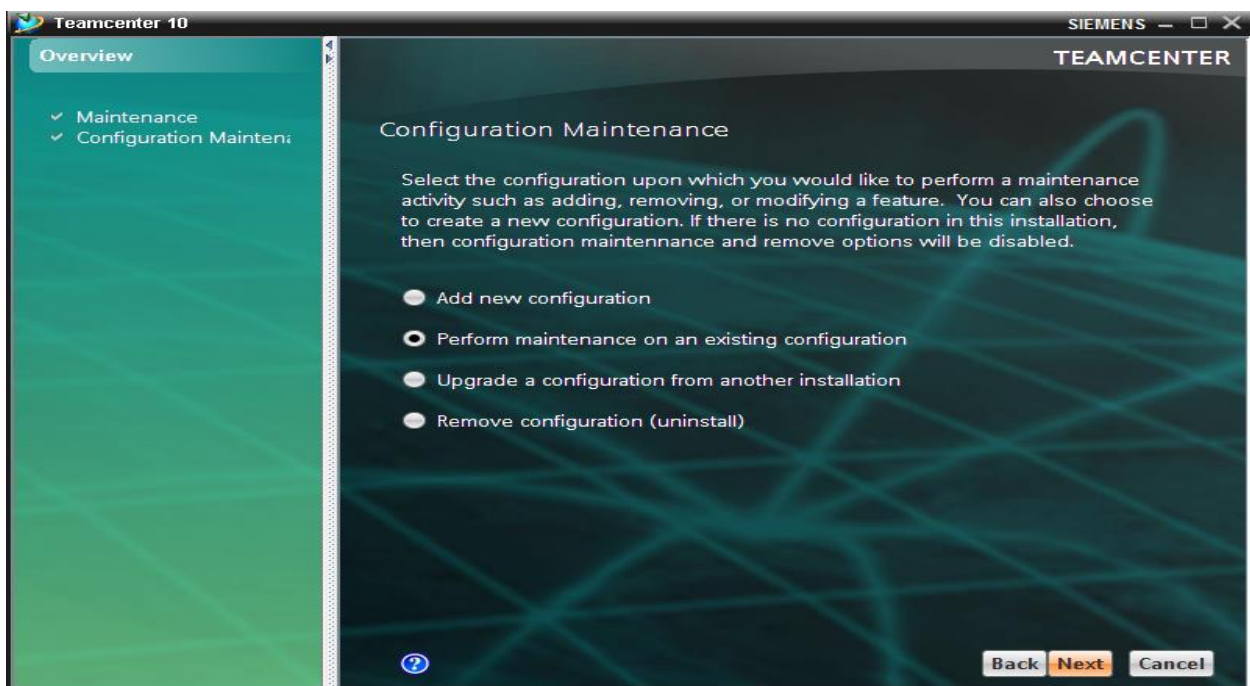
- In the User Account Control dialog window



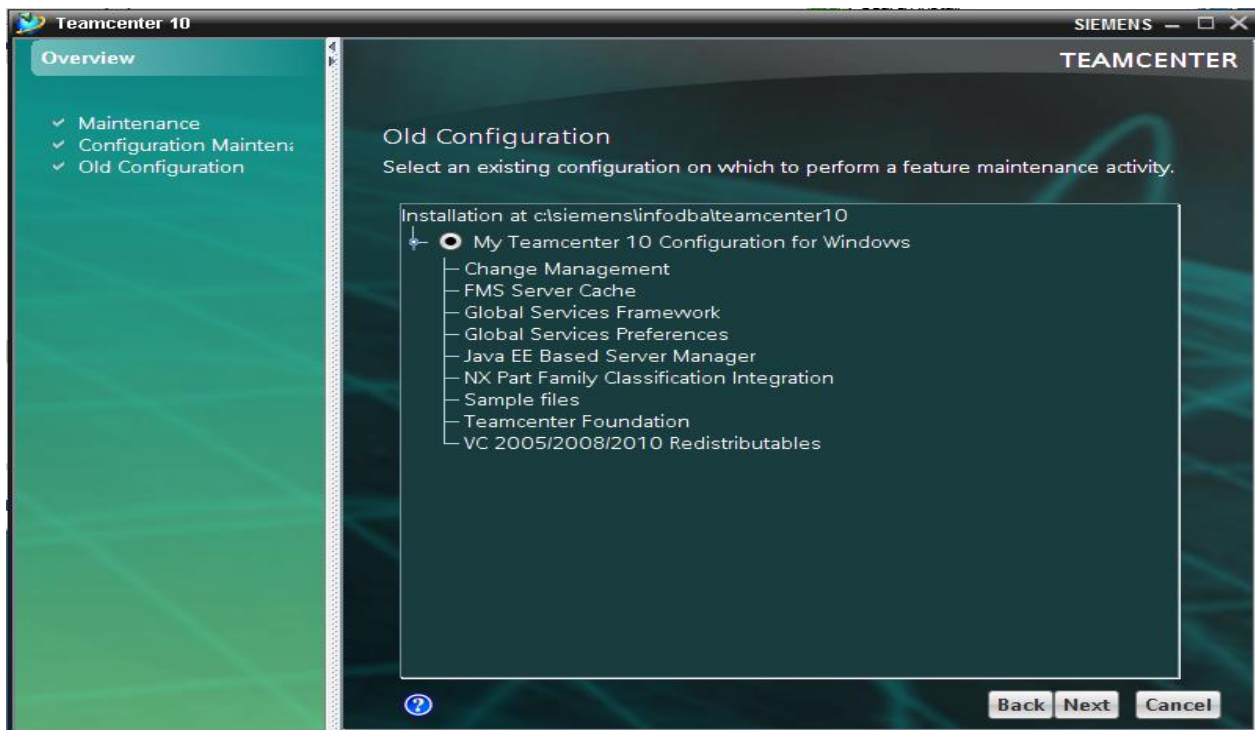
- In the Maintenance dialog window, check Configuration Manager and Next.



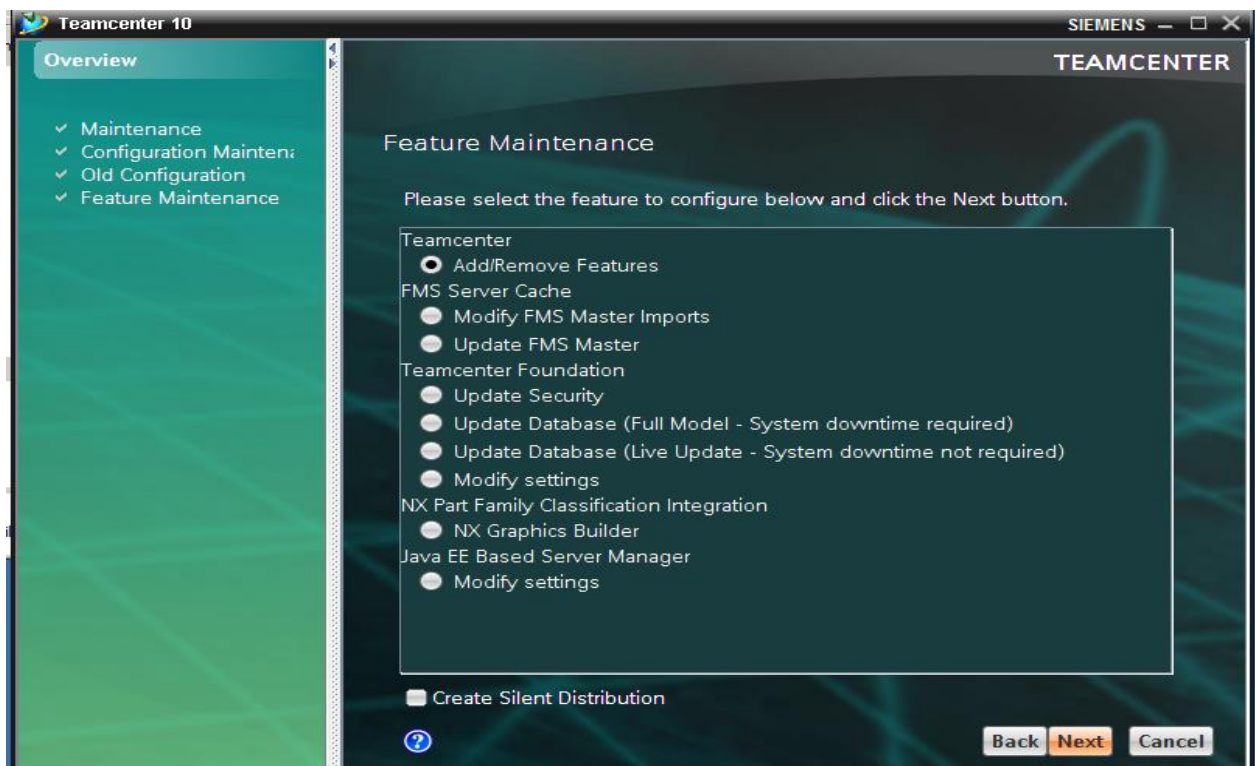
- In the Configuration Maintenance dialog window, check on Perform maintenance on an existing system, then Next.



- In the Old Configuration dialog window, click Next.



- In the Feature Maintenance dialog window, check Add/Remove Features, then Next.

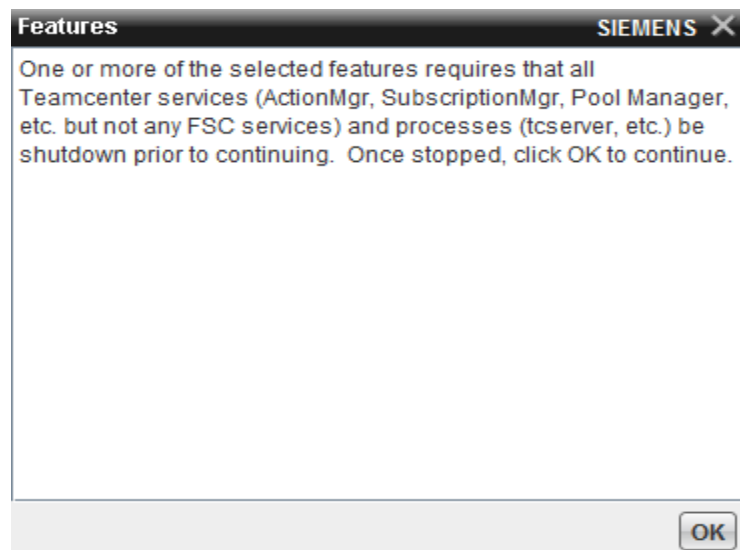


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- In the Features dialog window, expand Base Install ->Active Workspace ->Server Extensions, check 3 Active Workspace server features, then Next.

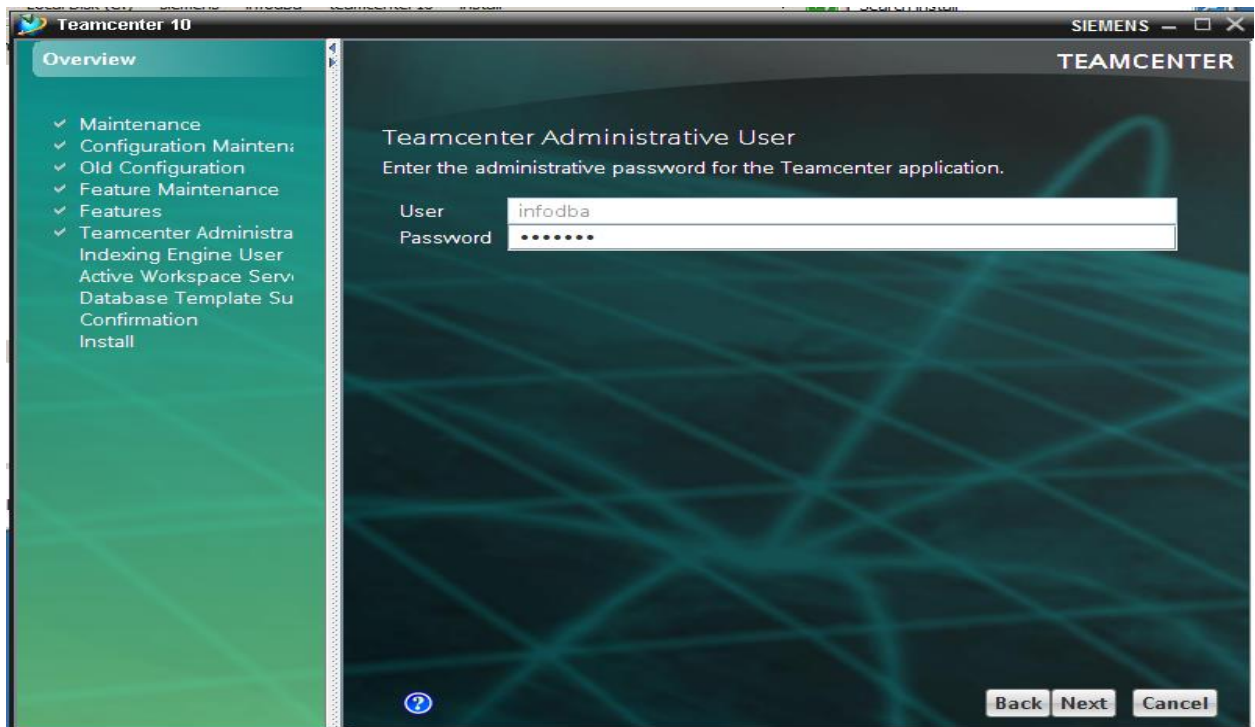


- Stop Teamcenter services and processes (except for FSC service), then click OK in Features warning dialog window.

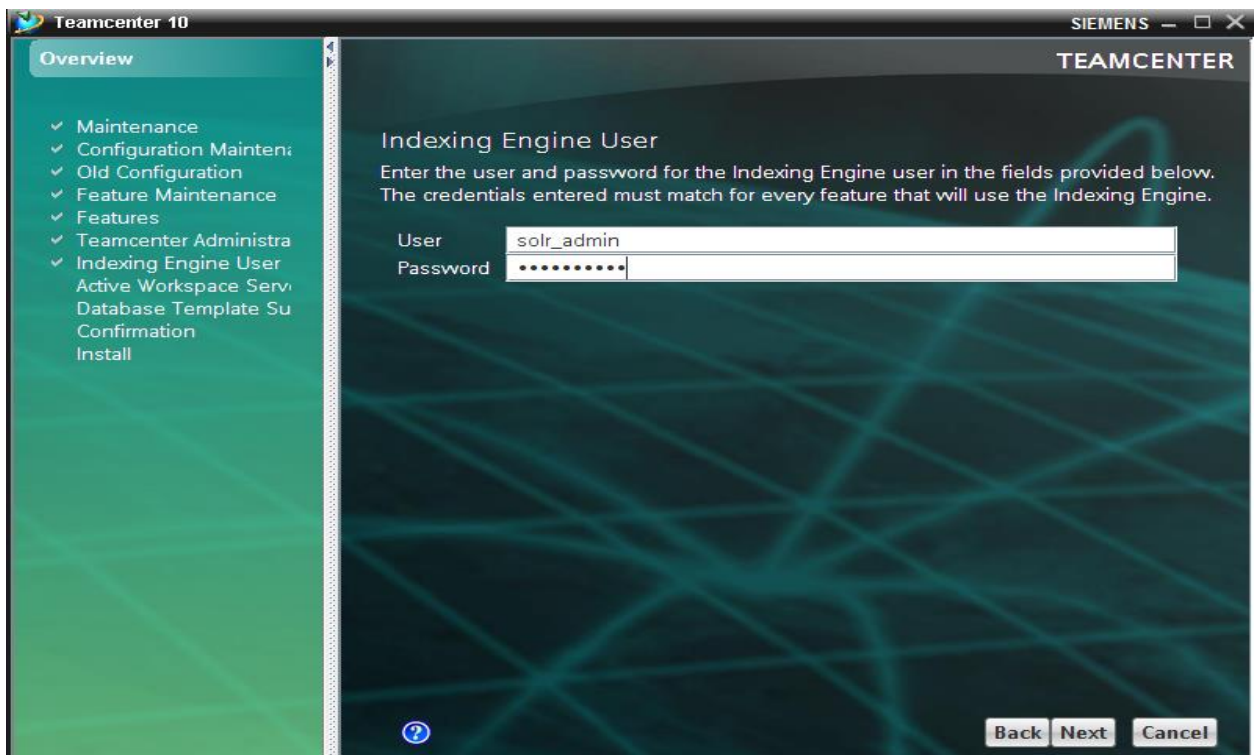


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- In the Teamcenter Administrative User dialog window, type infodba for both the User box and the Password box, then Next.

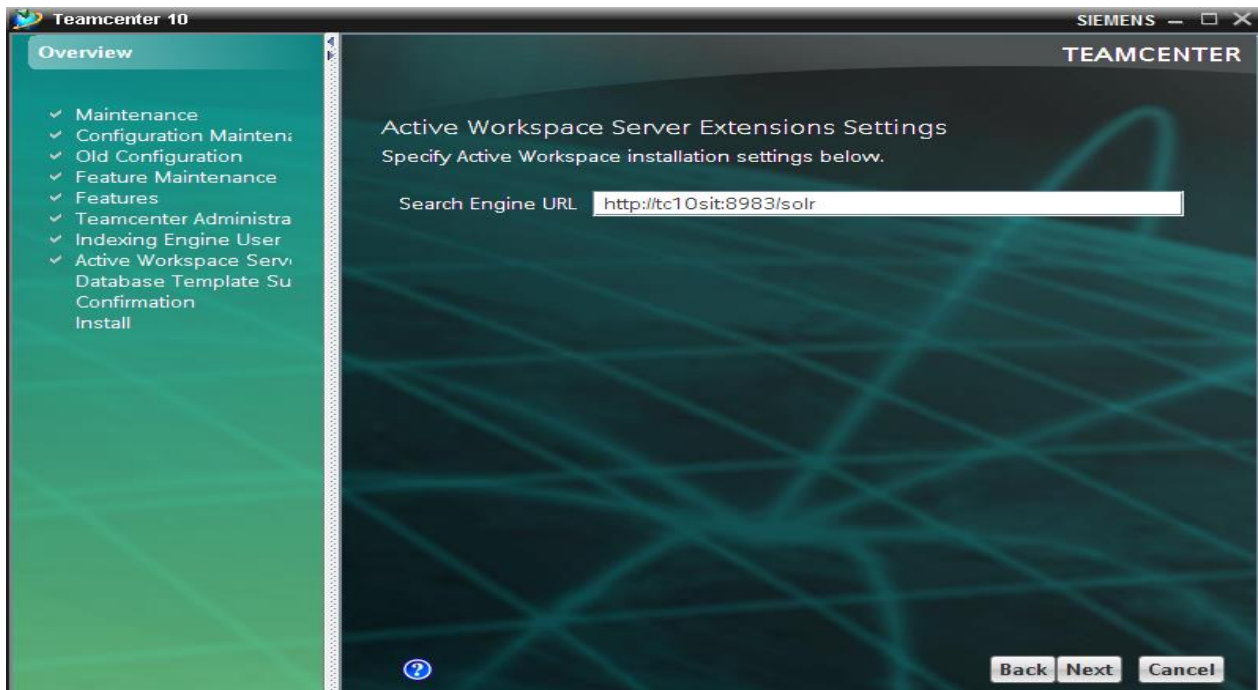


- In the Indexing Engine User box, type solr_admin for both User and Password boxes, then Next.

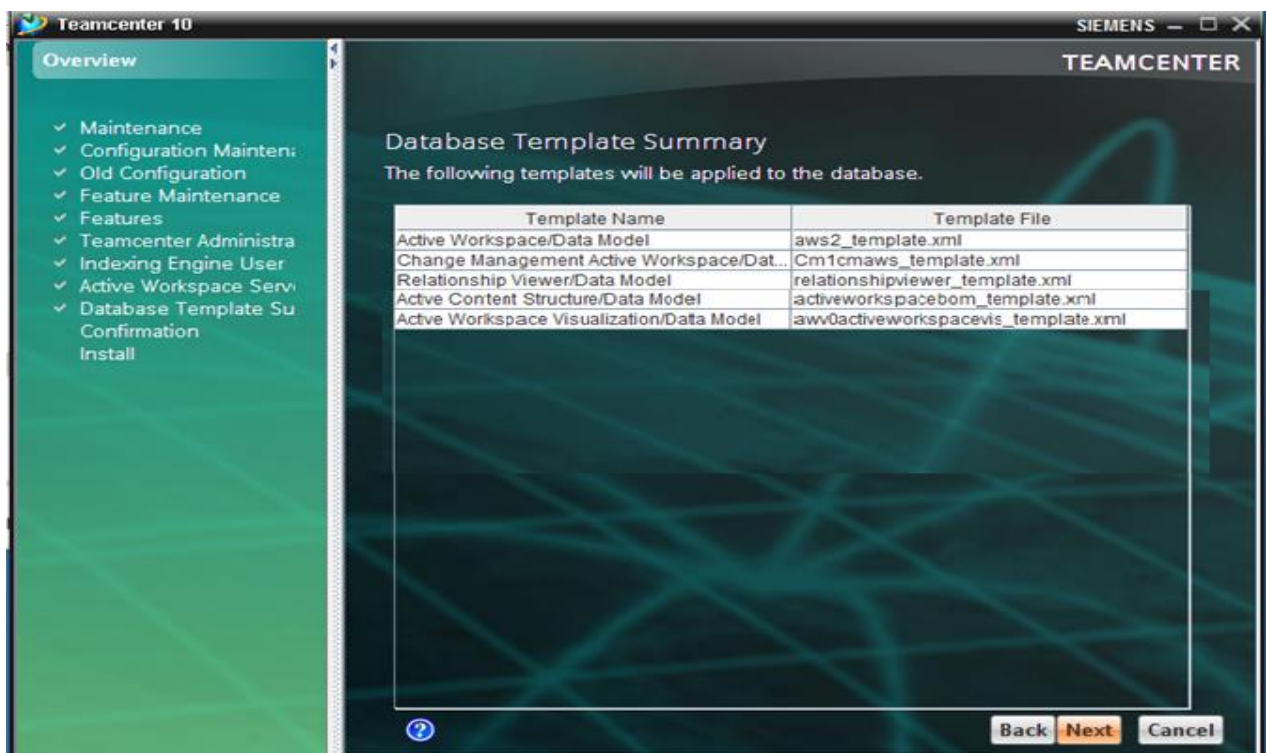


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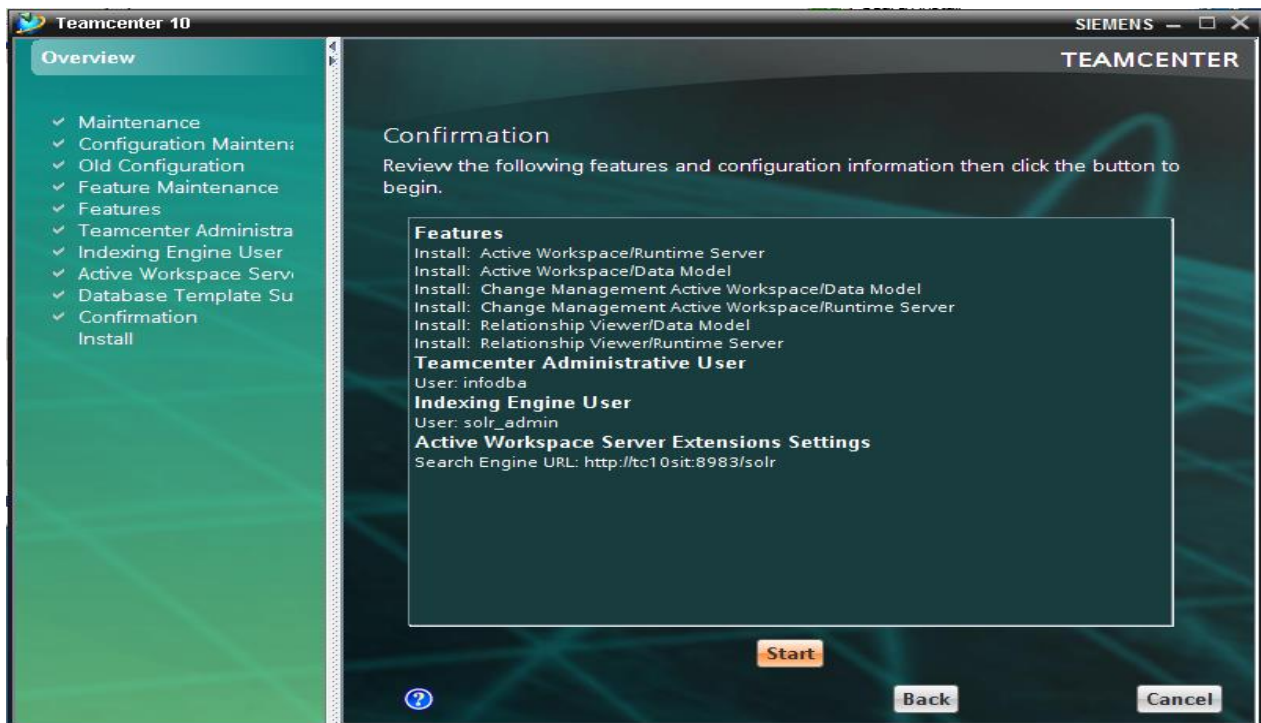
- In the Active Workspace Server Extensions Settings dialog window, type <http://tc10sit:8983/solr> for the Search Engine URL box, then Next.



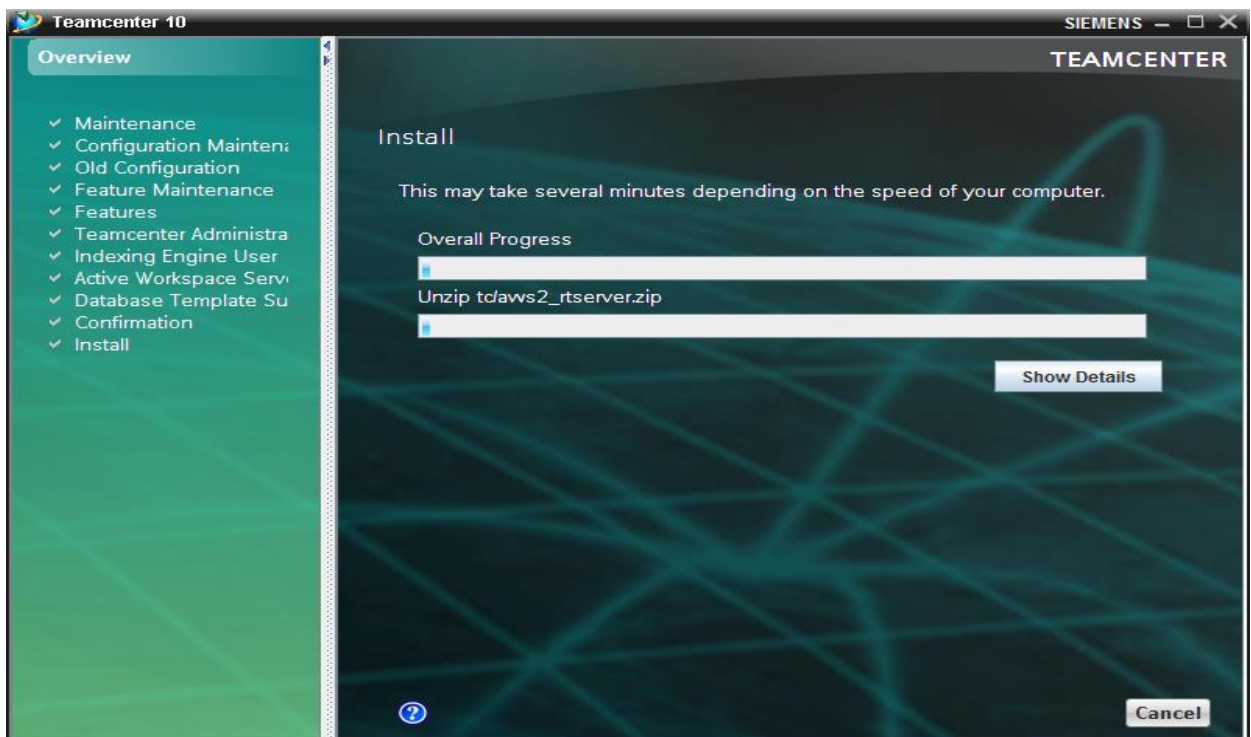
- In the Database Template Summary dialog window, verify 5 AWC related templates, then Next.



- In the Confirmation dialog window, click Start.

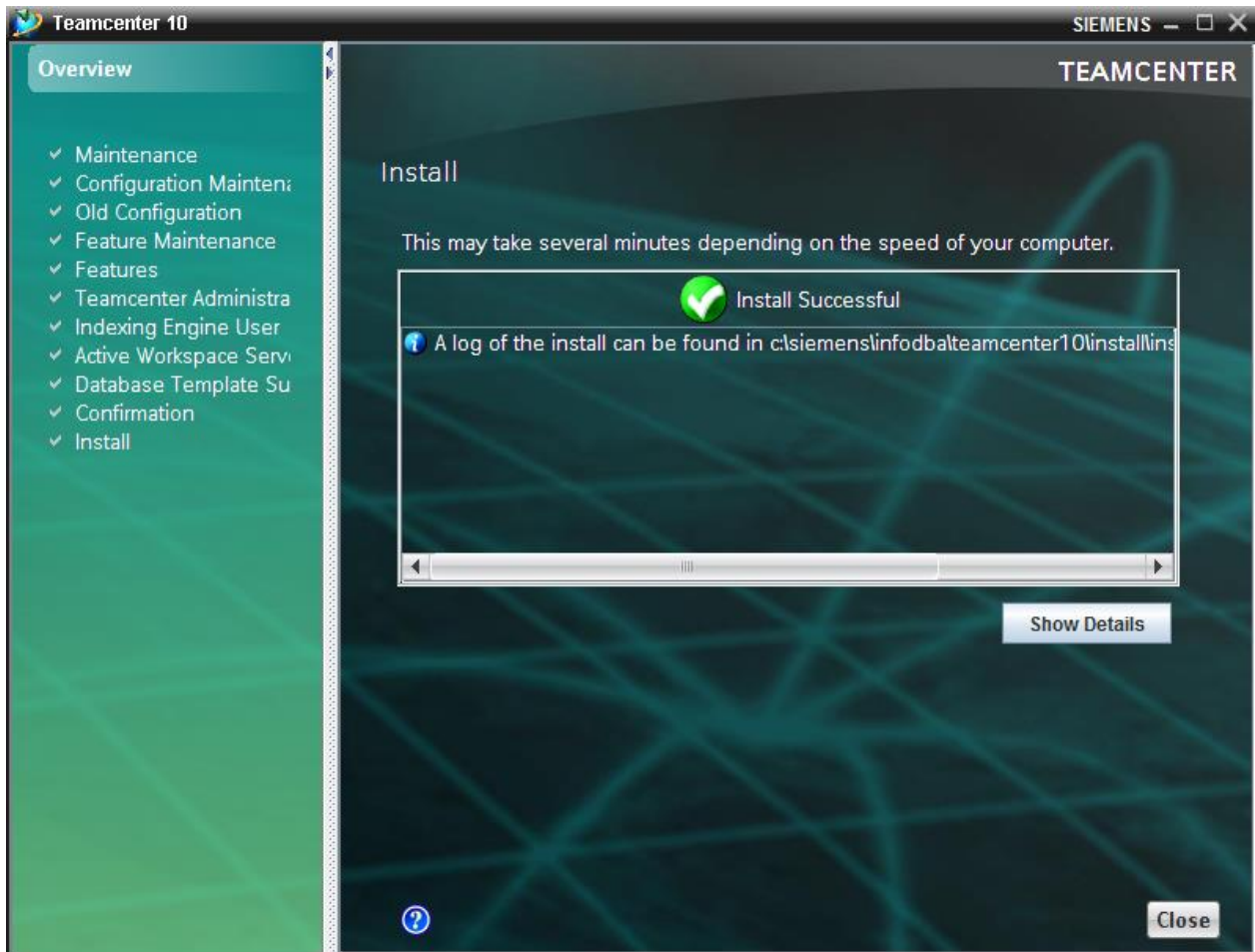


- During the installation, the status bar appears in the Install dialog window, indicating the installation is in the process.

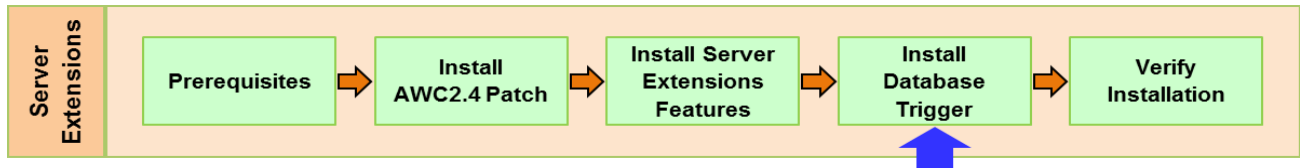


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- After successfully installation, click Close.

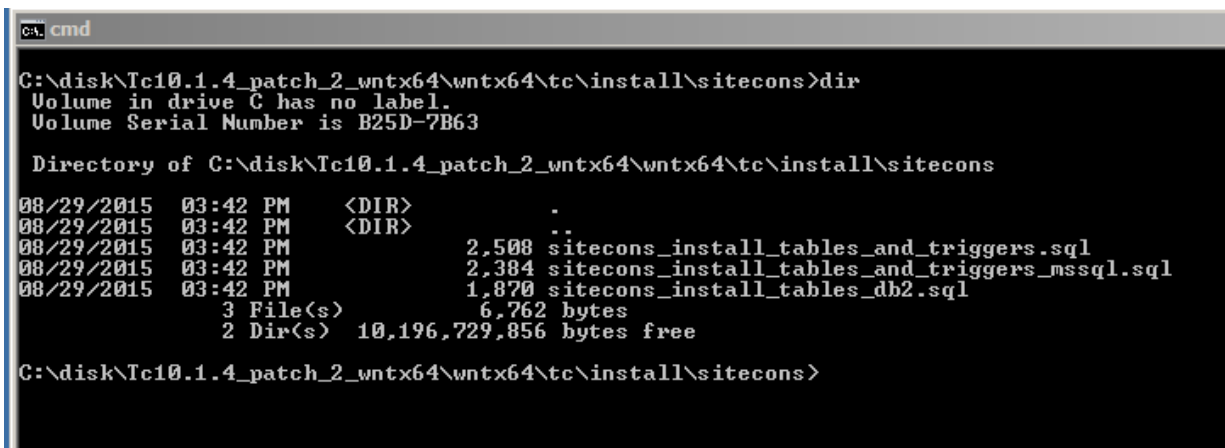
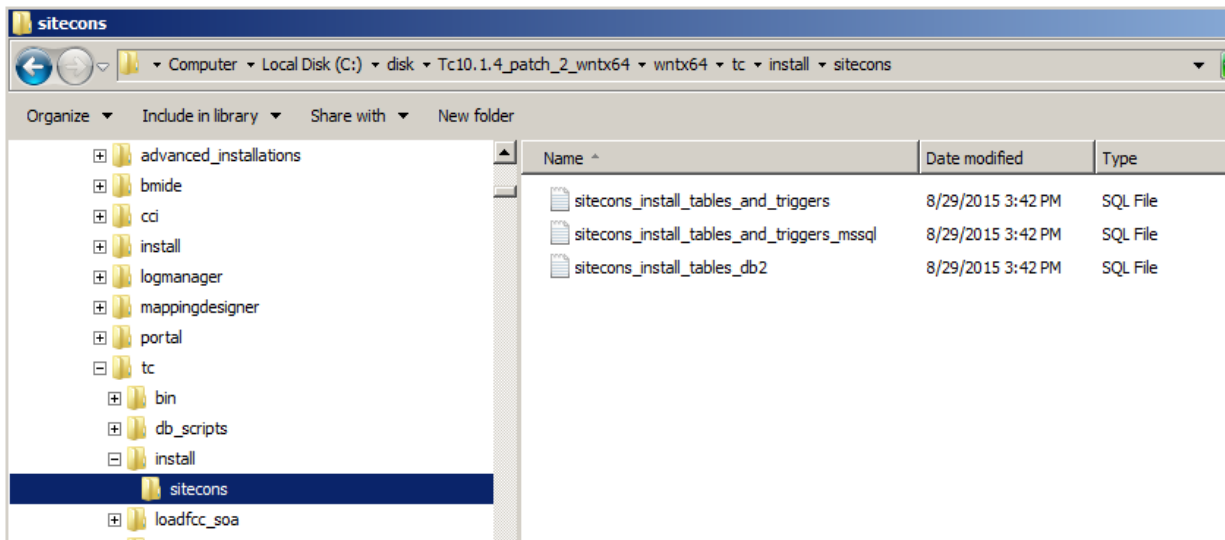


2.1.5 Install Database Trigger



Installation steps:

- Prepare database trigger (SQL scripts for Site Consolidation feature)



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- Grant permission for creating database trigger.
 - sqlplus system/infodba@tc
 - grant Create trigger to infodba identified by infodba;

```
C:\cmd - sqlplus system/infodba@tc

C:\disk\Tc10.1.4_patch_2_wntx64\wntx64\tc\install\sitecons>sqlplus system/infodba@tc
SQL*Plus: Release 11.2.0.1.0 Production on Thu Jun 2 22:06:43 2016
Copyright (c) 1982, 2010, Oracle. All rights reserved.

Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
SQL> grant create trigger to infodba identified by infodba;
Grant succeeded.
SQL>
```

- Create trigger
 - sqlplus infodba/infodba@tc
 - @sitecons_install_tables_and_triggers.sql.

```
C:\cmd - sqlplus infodba/infodba@tc

C:\disk\Tc10.1.4_patch_2_wntx64\wntx64\tc\install\sitecons>sqlplus infodba/infodba@tc
SQL*Plus: Release 11.2.0.1.0 Production on Thu Jun 2 22:11:14 2016
Copyright (c) 1982, 2010, Oracle. All rights reserved.

Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
SQL> @sitecons_install_tables_and_triggers.sql
Trigger created.

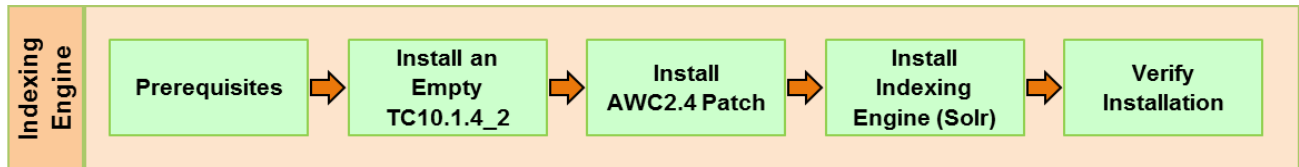
Trigger created.
SQL>
```

2.1.6 Verify Installation

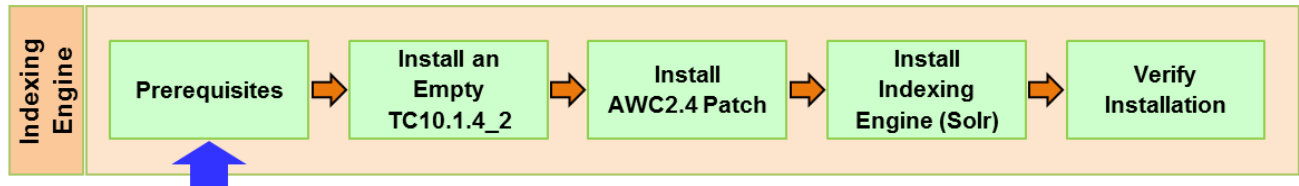
n/a

2.2 INSTALL INDEXING ENGINE (SOLR)

2.2.1 Installation Process Overview



2.2.2 Prerequisites

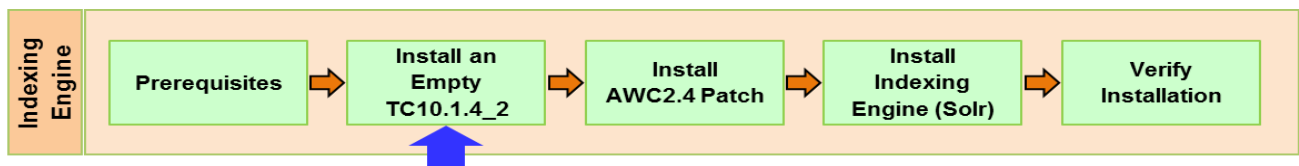


Prerequisites:

Java	- JRE64_HOME=C:\apps\Java\jre7 - JAVA_HOME=C:\apps\Java\jdk1.7.0_45
TC_DATA	C:\temp\data

- Copy tc10win:%TC_ROOT% to tc10sit:c:\temp\data

2.2.3 Install an Empty TC10.1.4_2

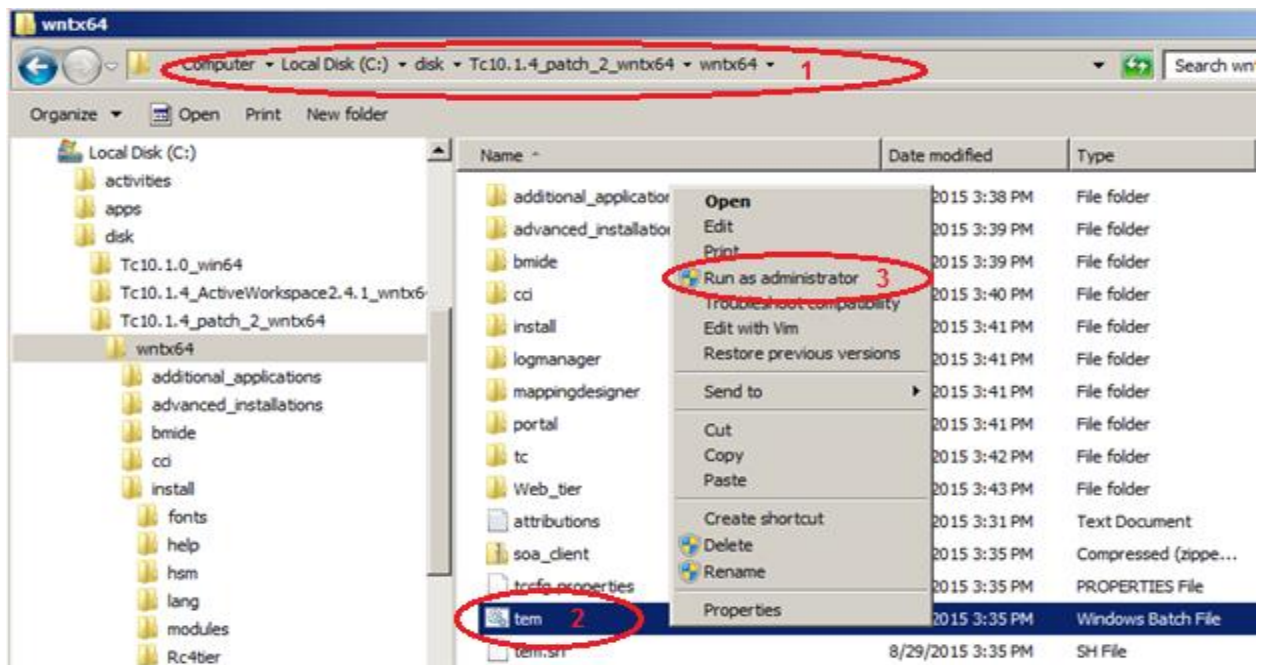


Installation steps:

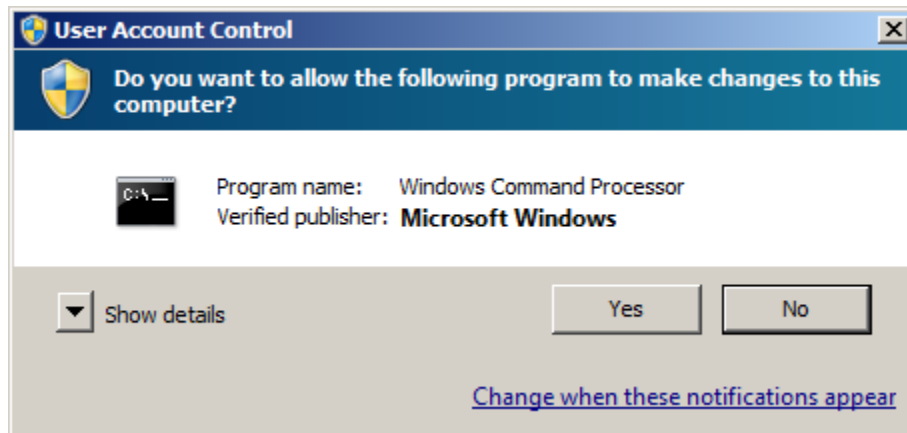
- Log on to tc10sit as r_awc.

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- Start TEM



- In the User Account Control dialog window, click Yes

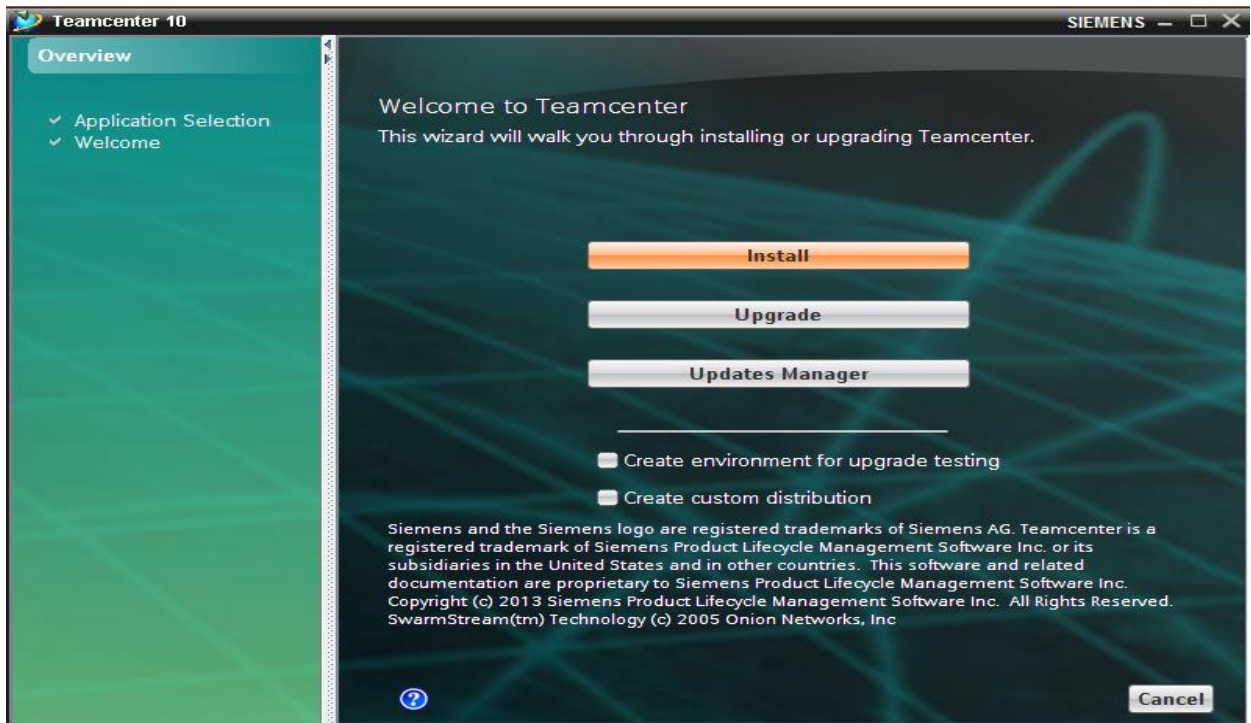


- In the Installer Language dialog window, select English, then OK.

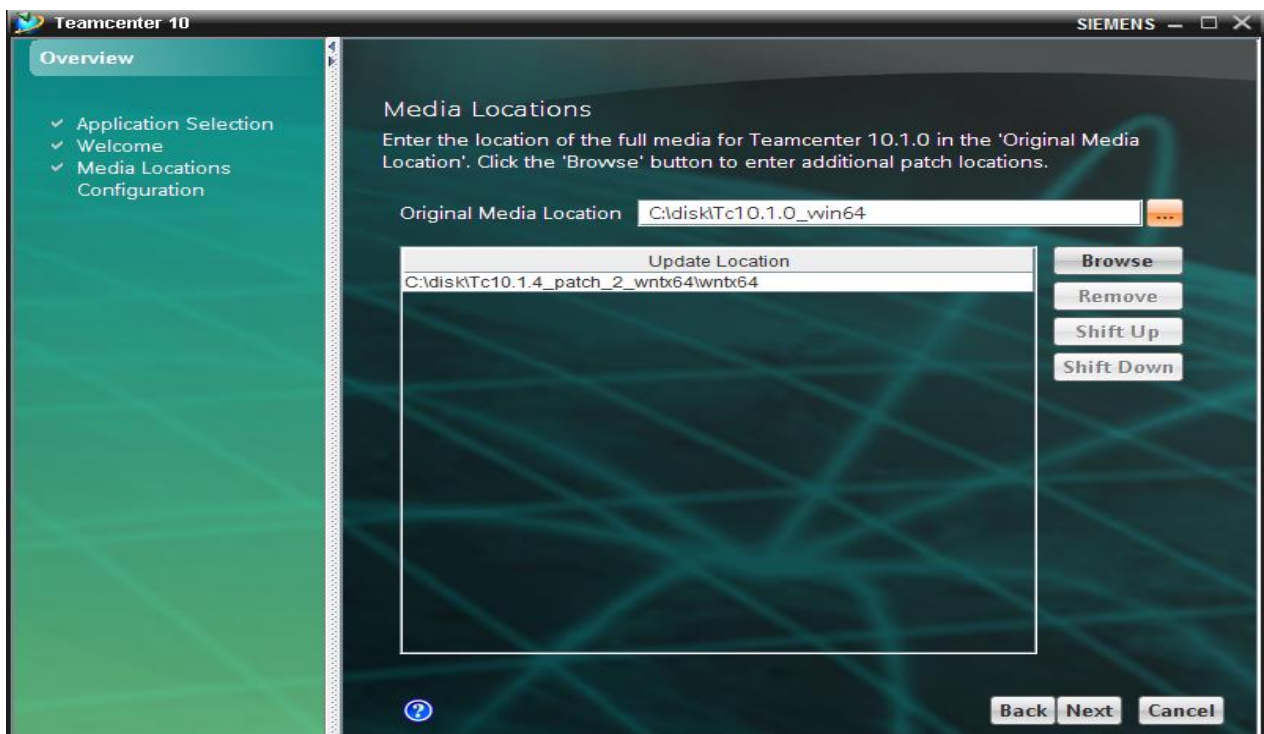


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- In the Welcome to Teamcenter dialog window, click Install.

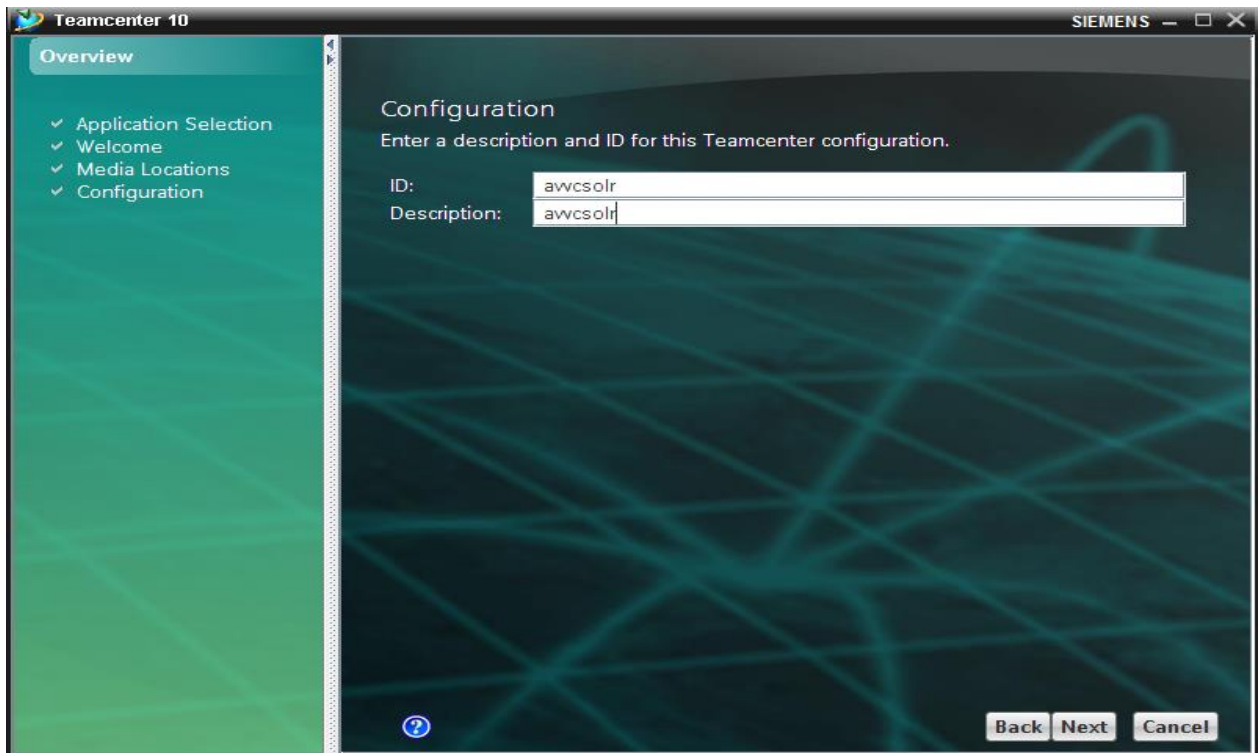


- In the Media Locations dialog window, browse c:\disk\Tc10.1.0_win64 for the Original Media Location box, then Next.

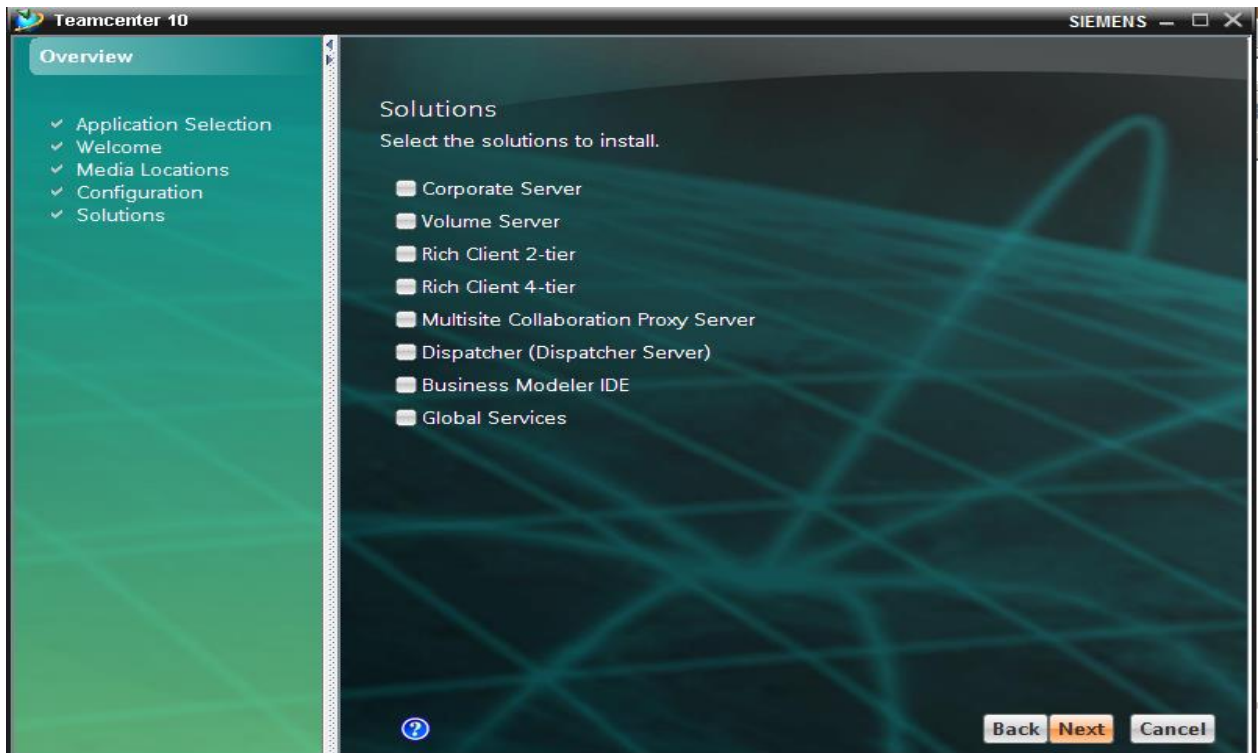


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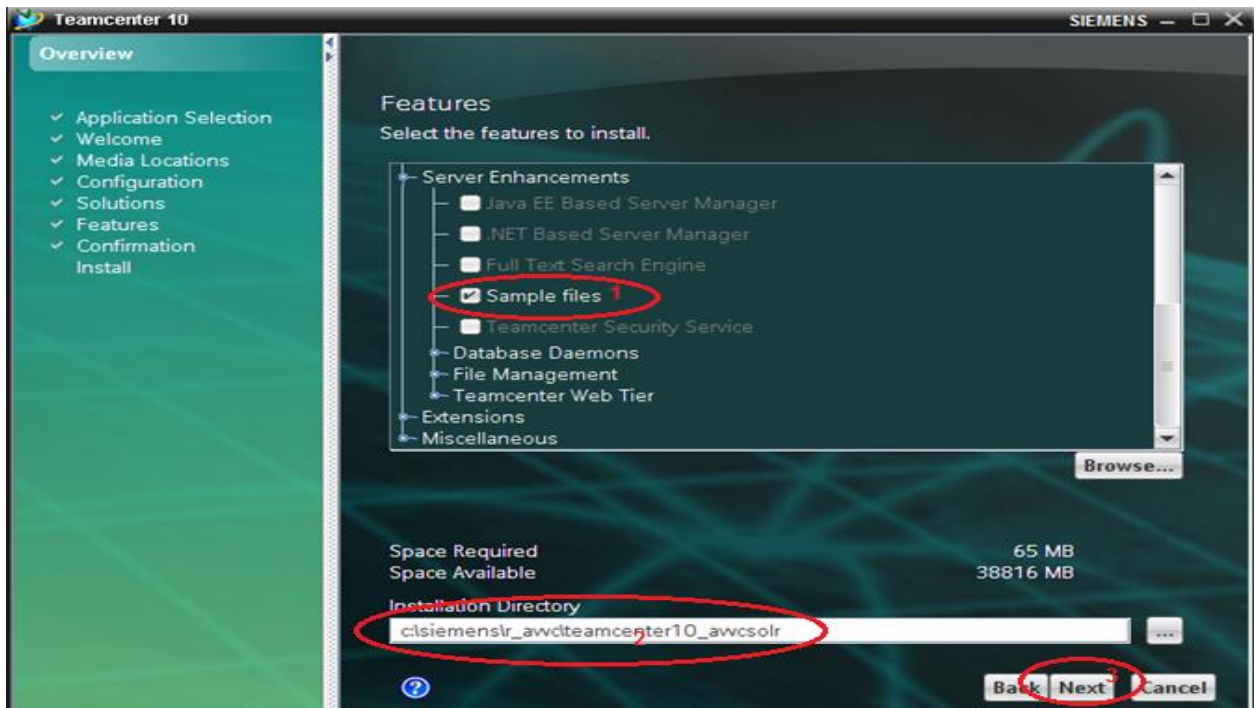
- In the Configuration dialog window, enter awcsolor for both ID and Description boxes, then Next.



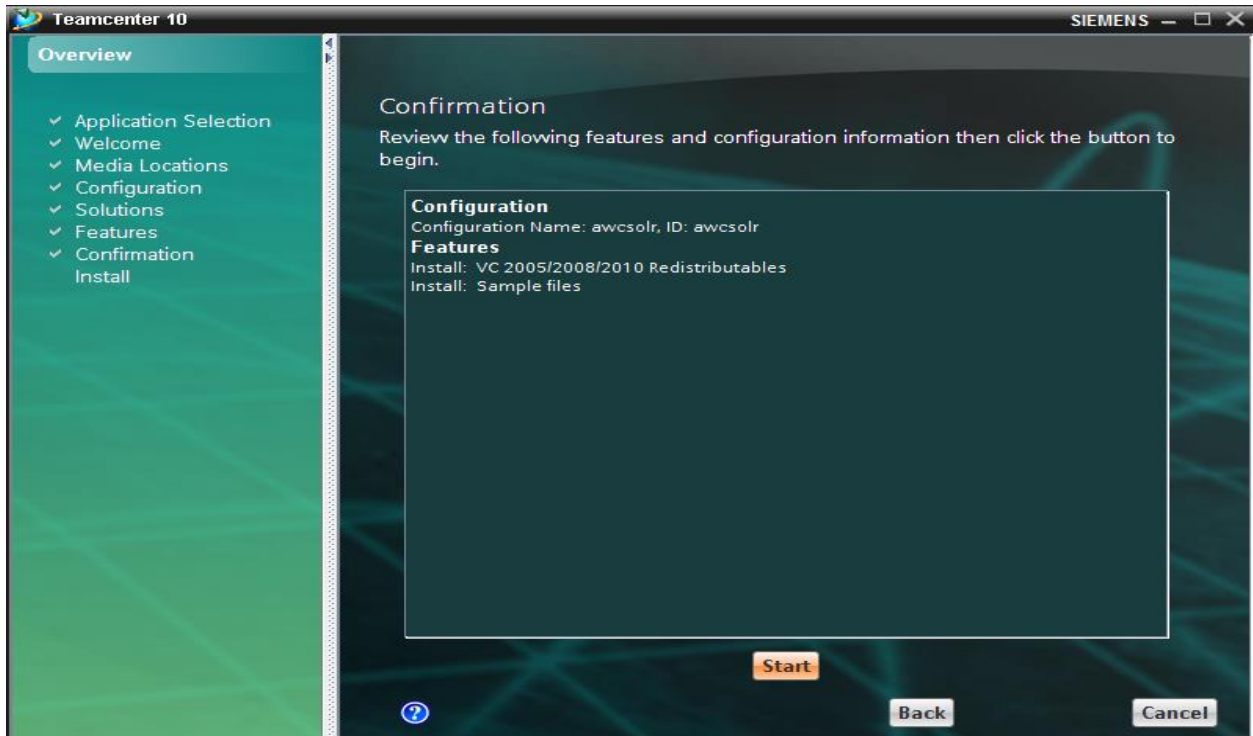
- In the Solutions dialog window, select no solution, then Next



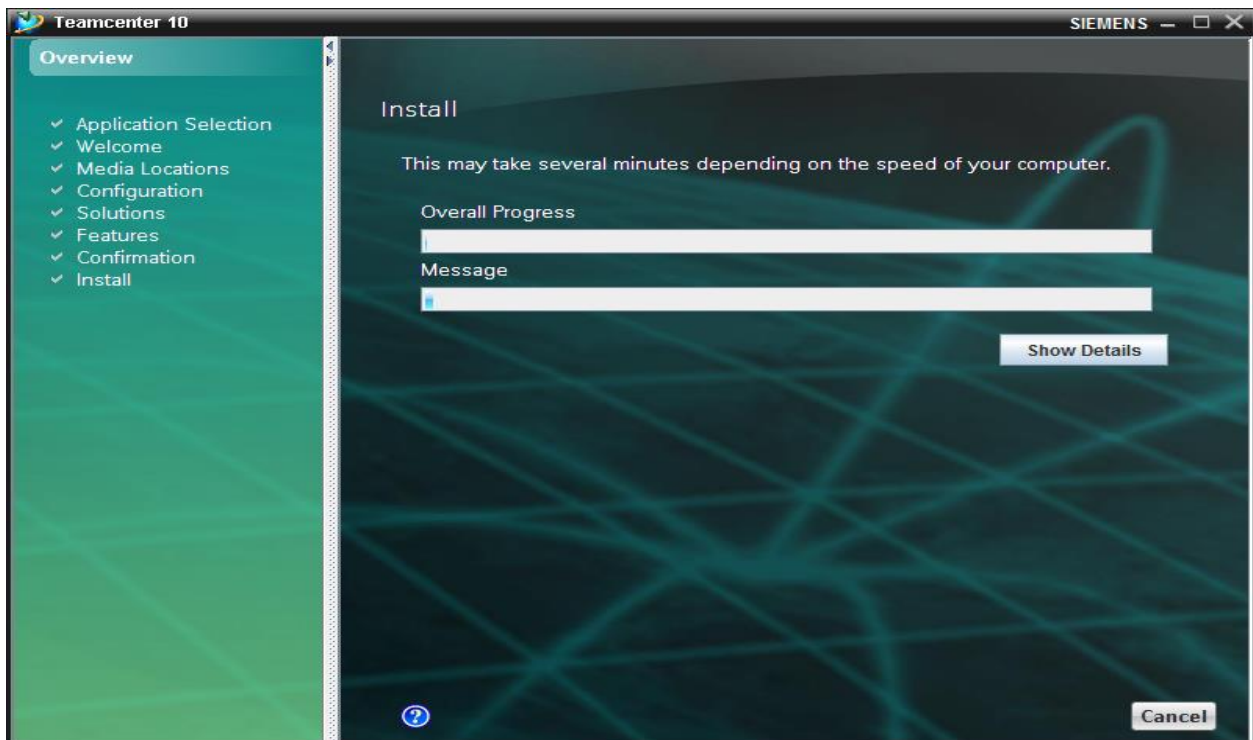
- In the Features dialog window, check the Sample files box and fill the Installation Directory box, then Next.



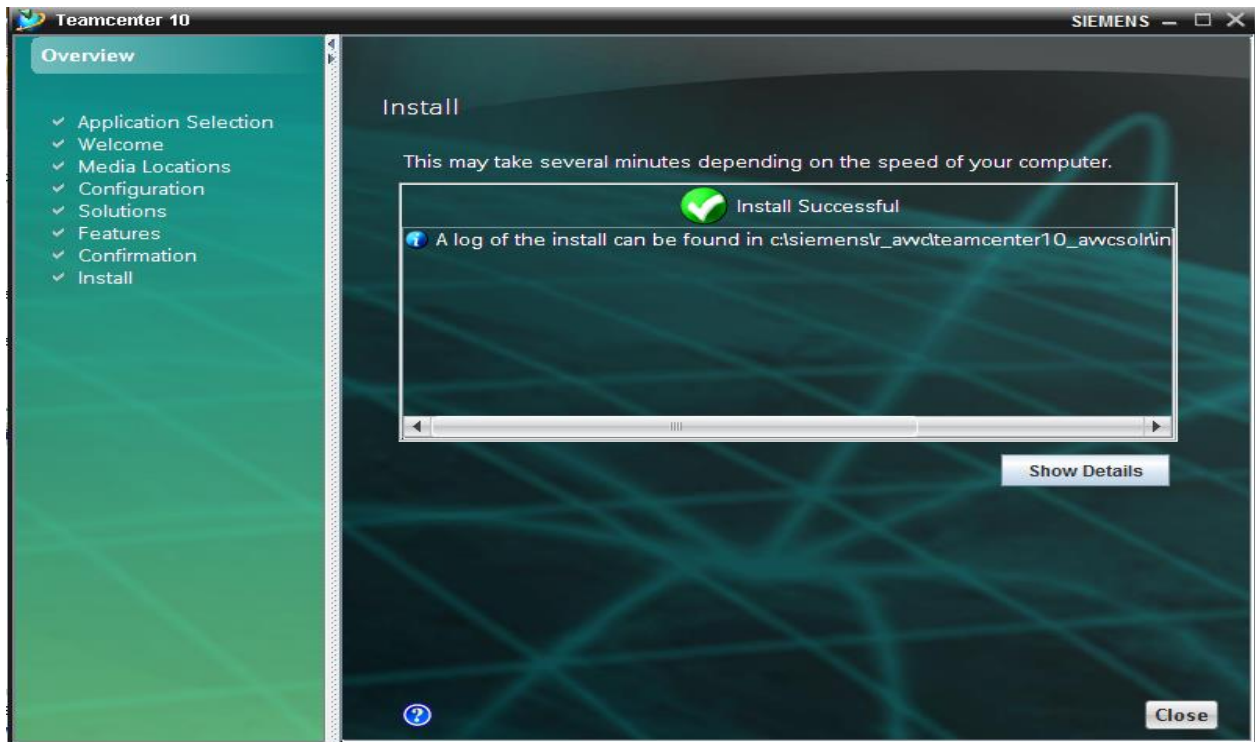
- In the Confirmation dialog window, click on Start.



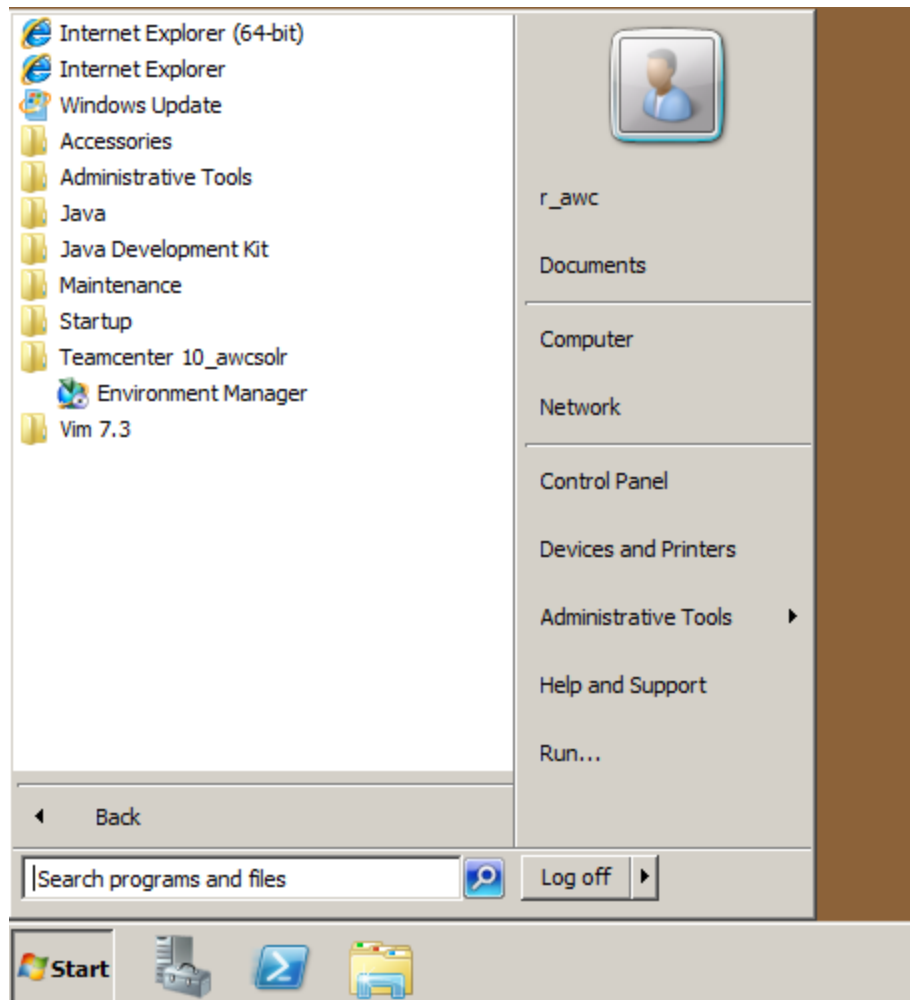
- In the Install dialog window, the status bar appears indicating the installation is in process.



- After installation complete, click Close



- Post installations, from the Start->All Programs right click **Teamcenter 10** created in this section, then rename it to **Teamcenter 10_awcsolr**.

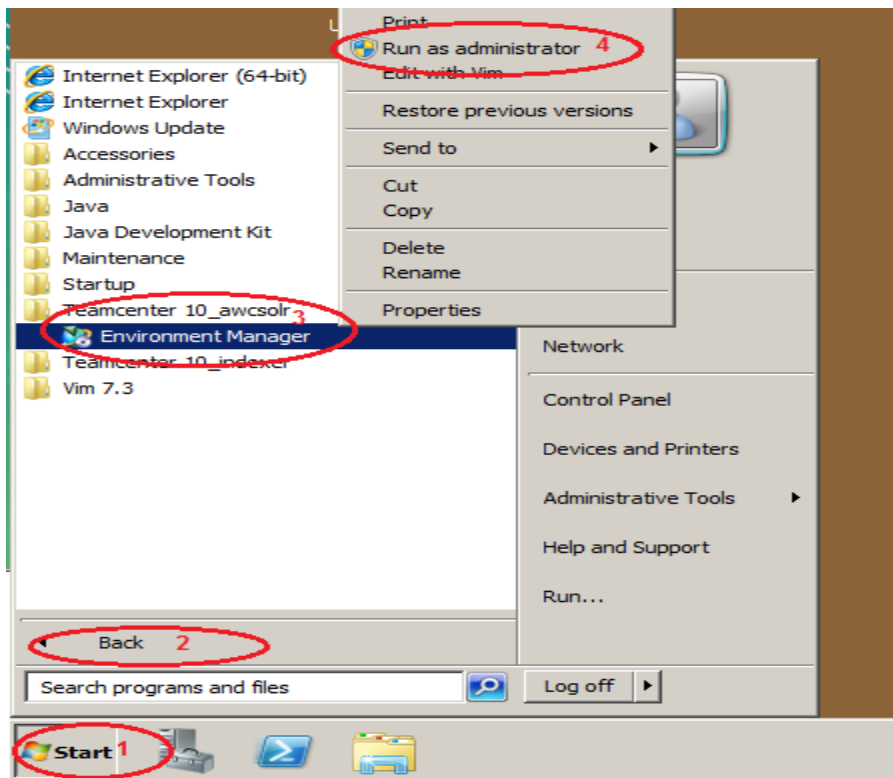


2.2.4 Install AWC2.4 Patch

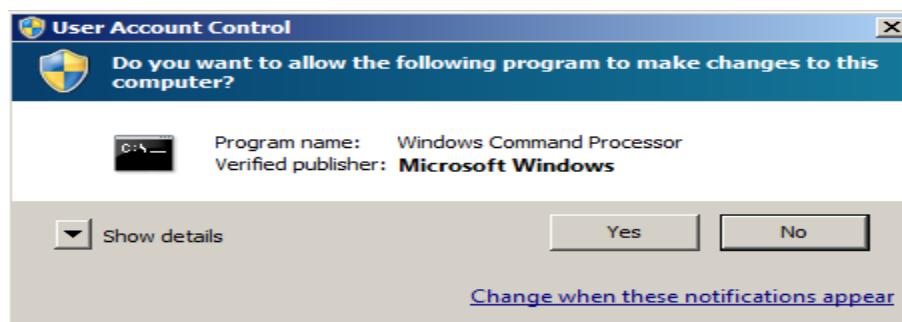


Installation steps:

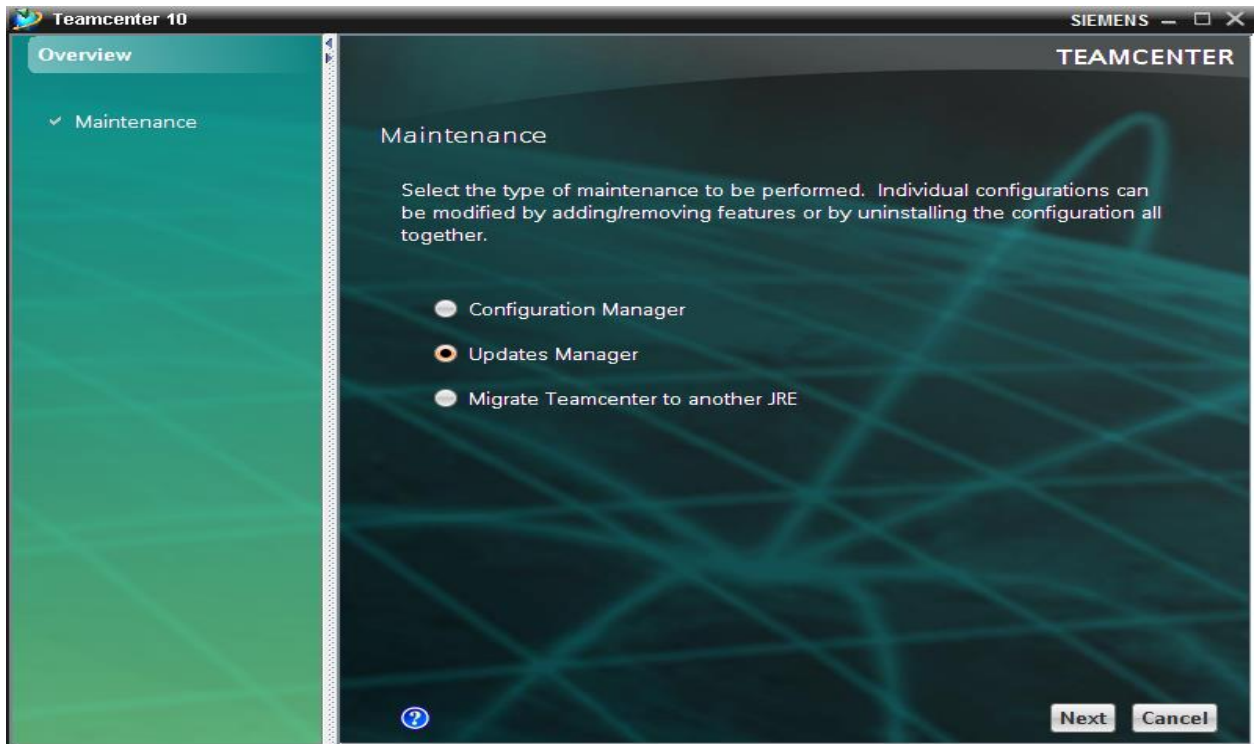
- Log on to tc10sit as os user r_awc/r_awc
- Start TEM



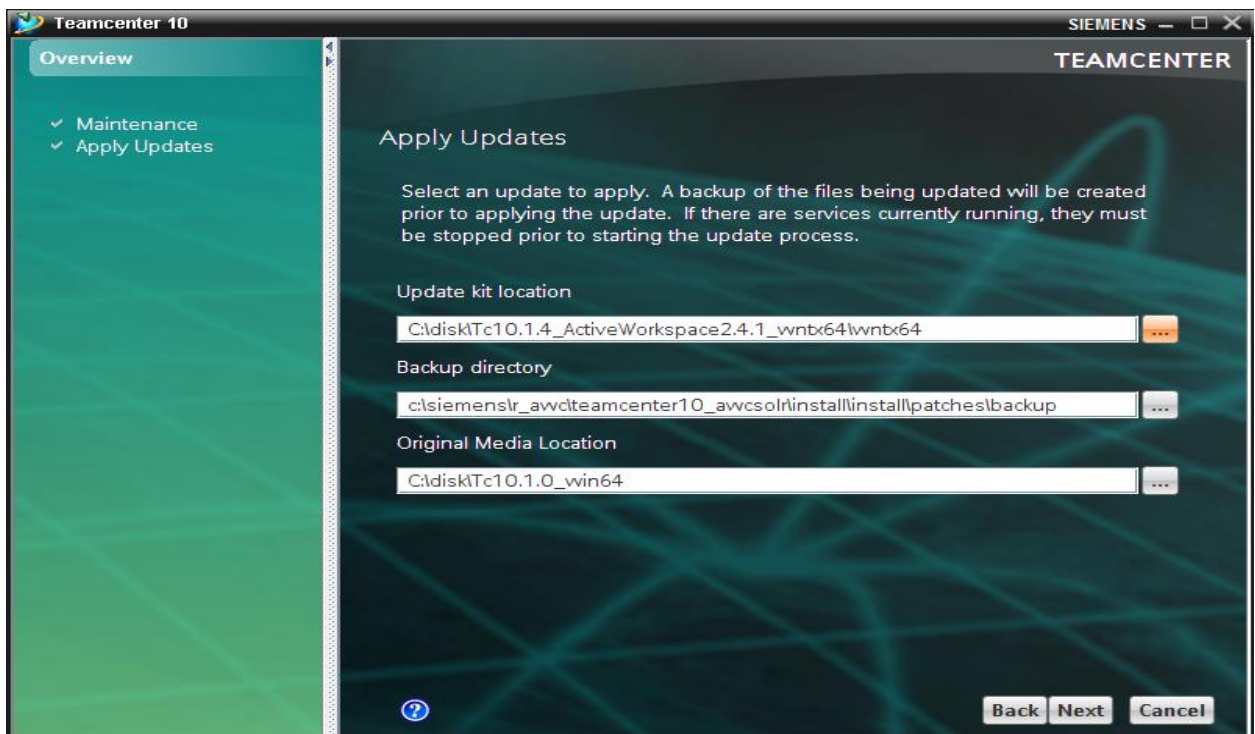
- In the User Account Control dialog window, click Yes.



- In the Maintenance dialog window, check Update Manager, then Next

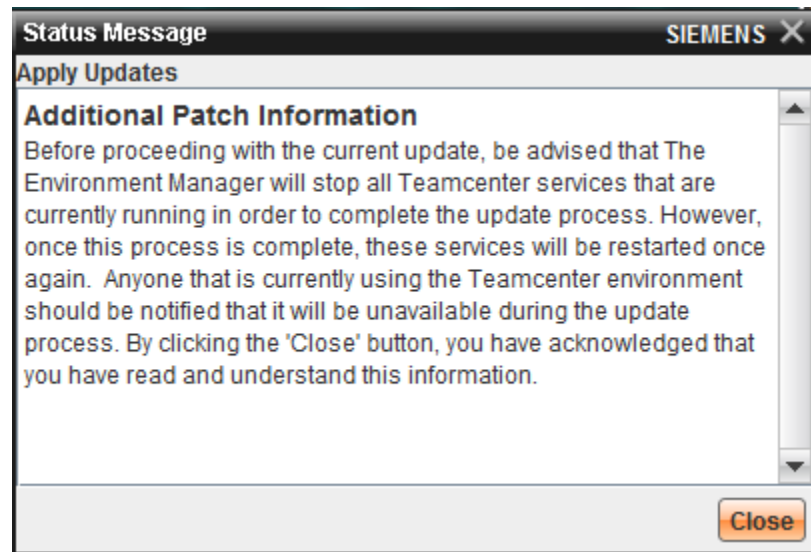


- In the Update Features window, browse and fill the Update kit location box, then Next.

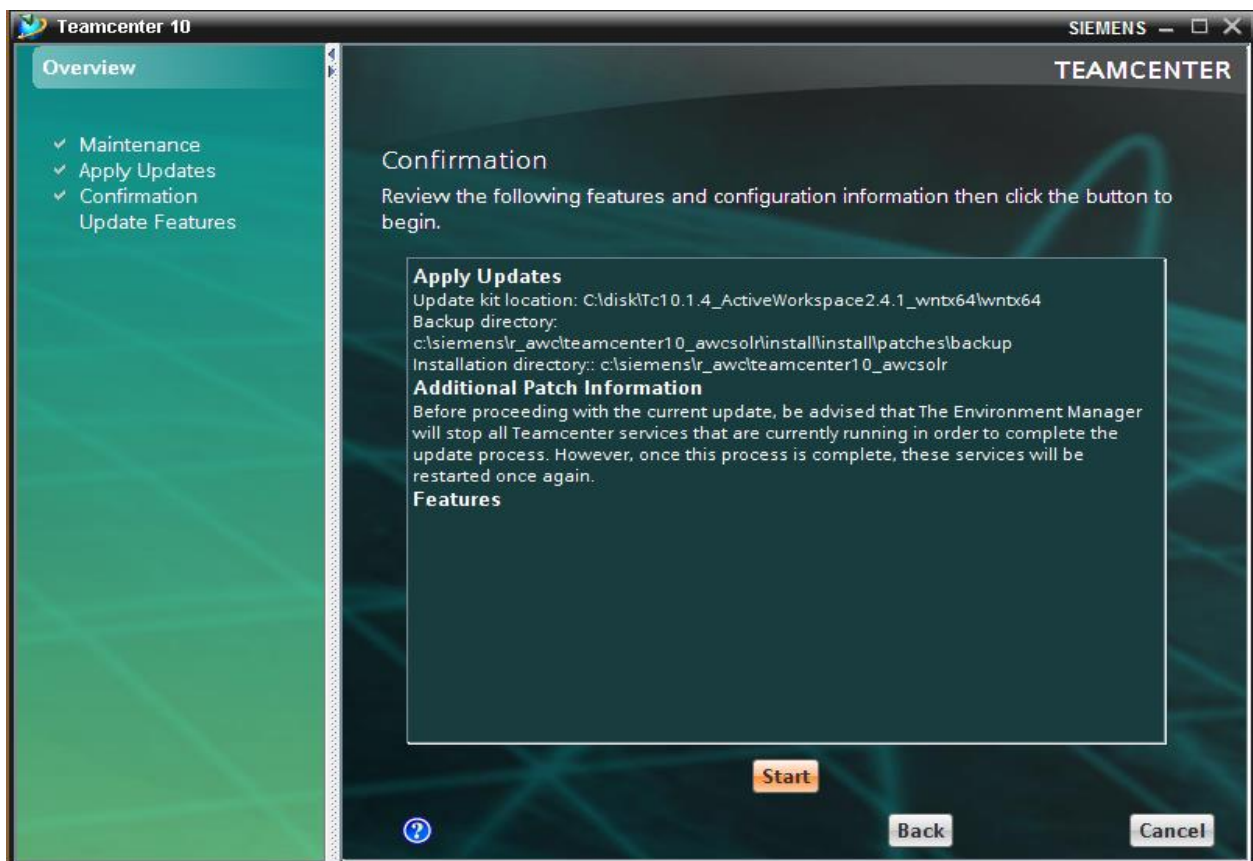


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- Close all Teamcenter processes or services except for FSC service, then click Close in the Status Message dialog window.

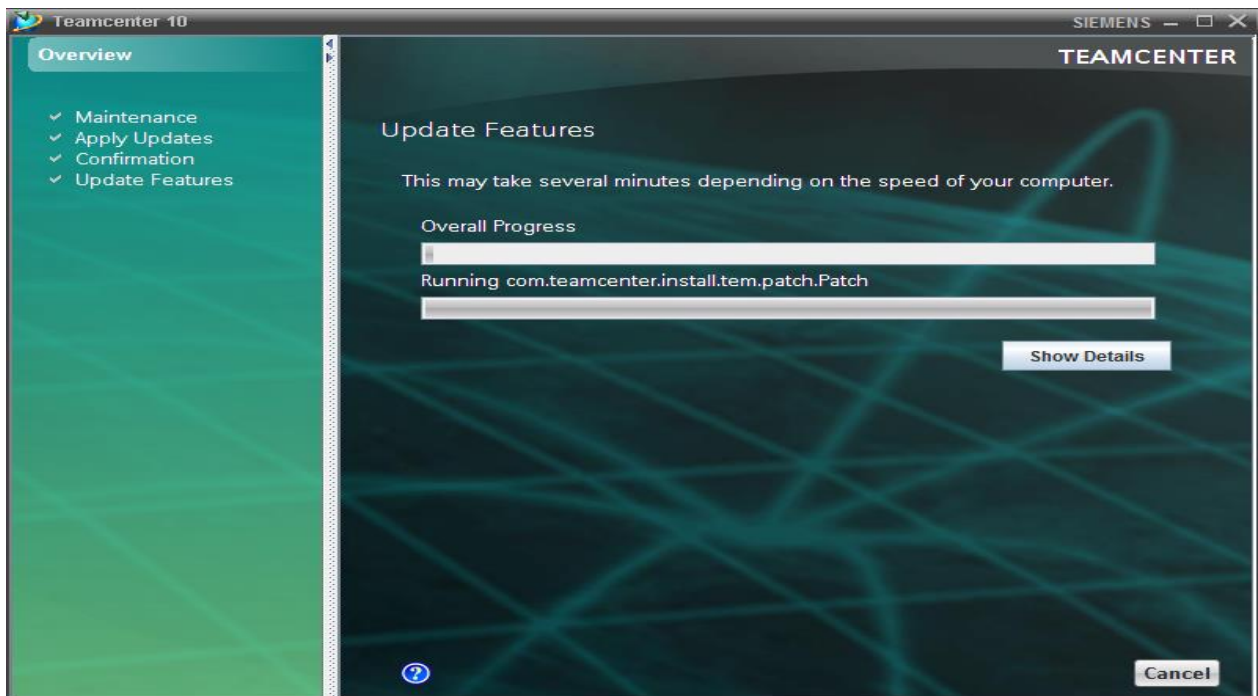


- In the Confirmation window, click on Start.

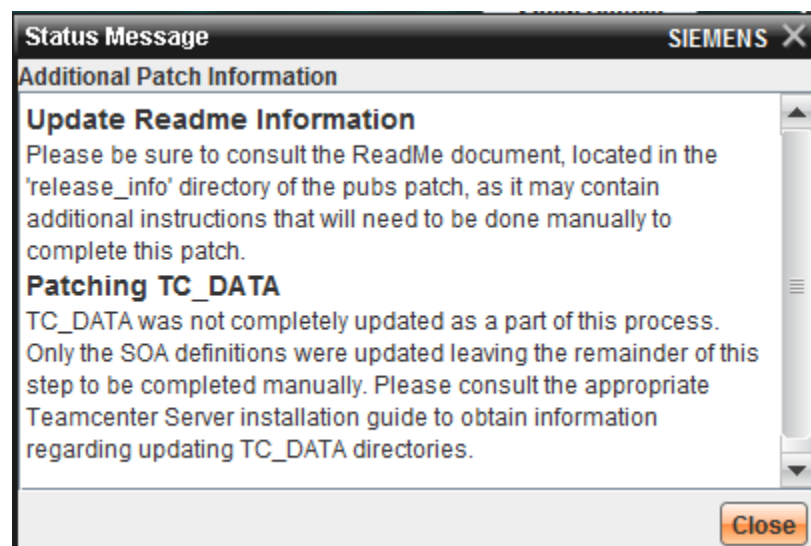


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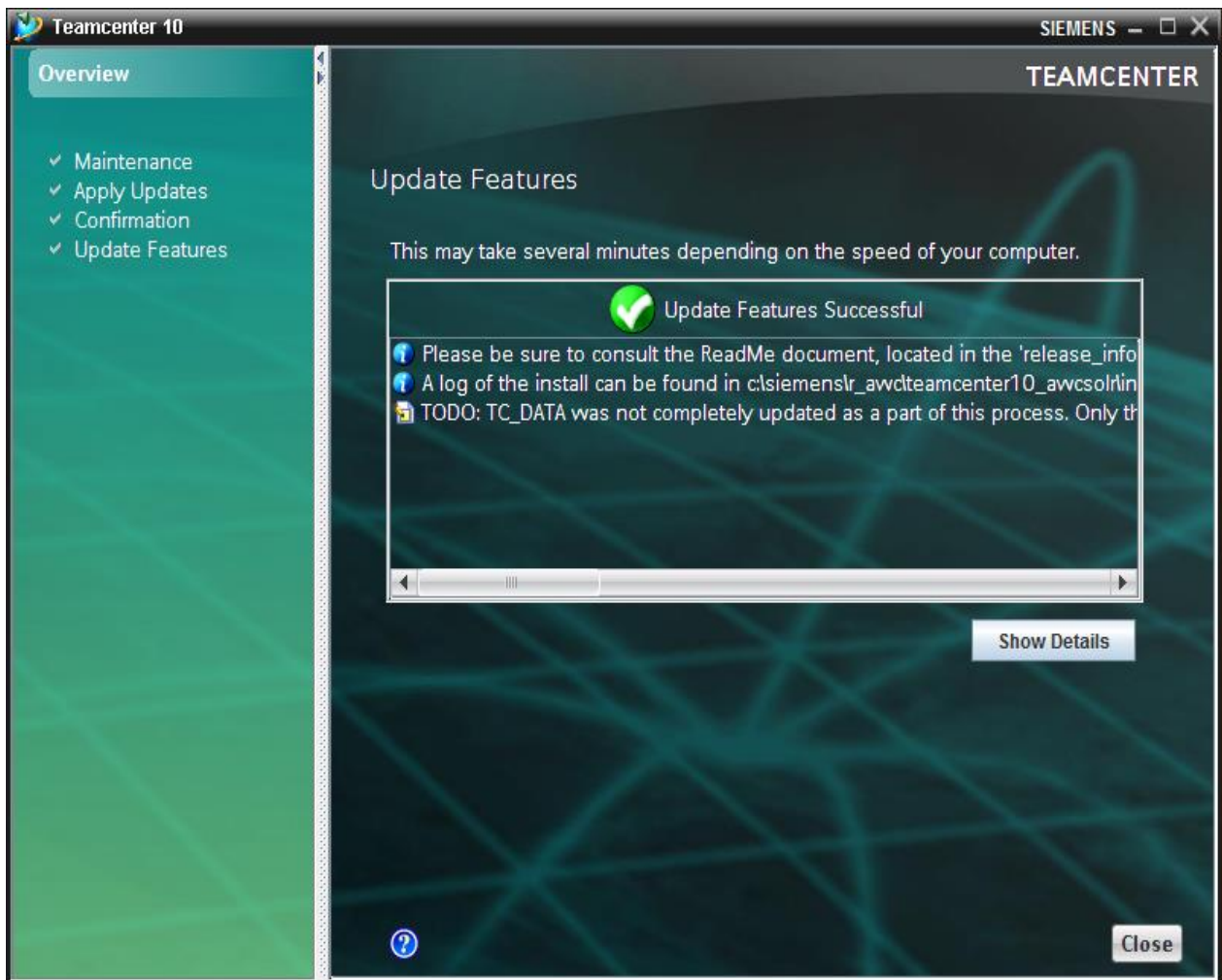
- In the Update Features window, a status bar appears indicating the process of update.



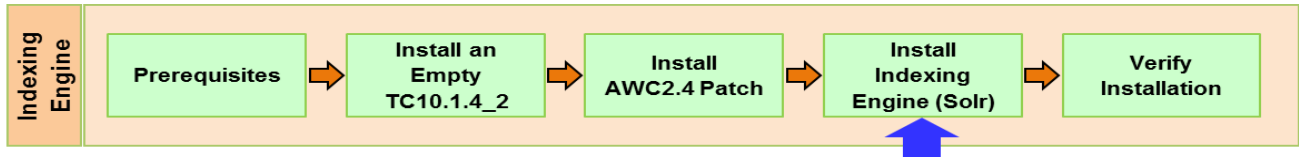
- Unzip C:\disk\Tc10.1.4_ActiveWorkspace2.4.1_wntx64\wntx64\tc\data to c:\temp\data, then click Close in the Status Message box.



- In the Update Features dialog window, click Close after the update completes

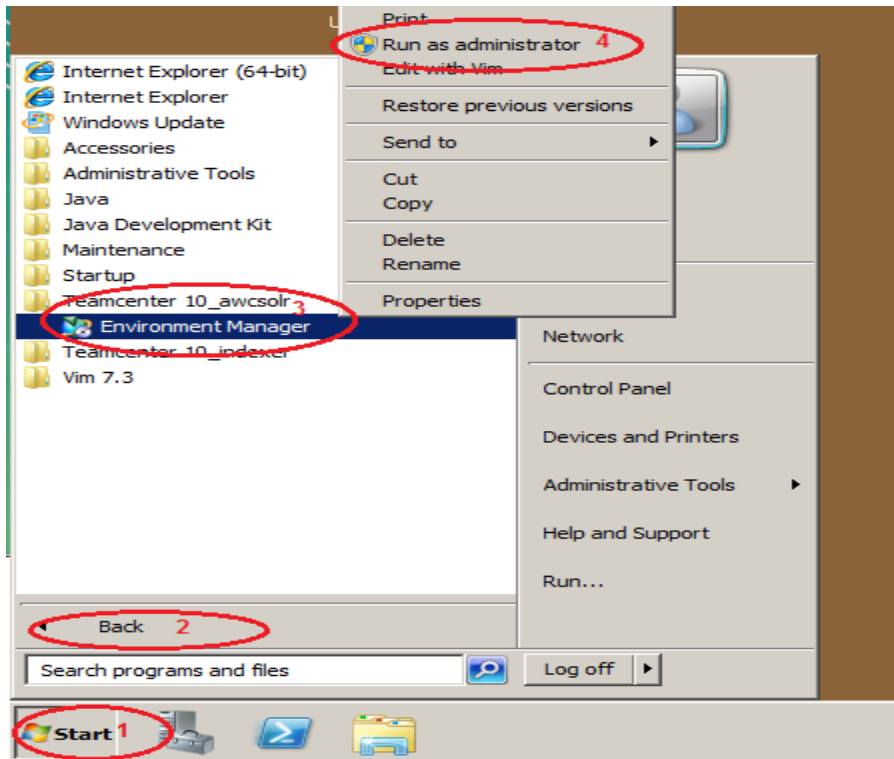


2.2.5 Install Indexing Engine (Solr)

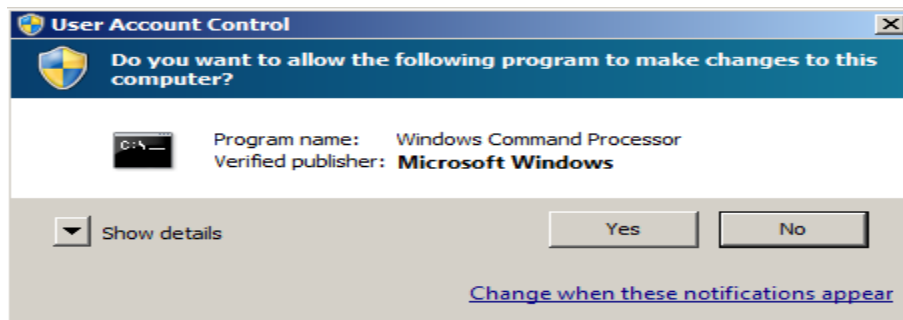


Installation steps:

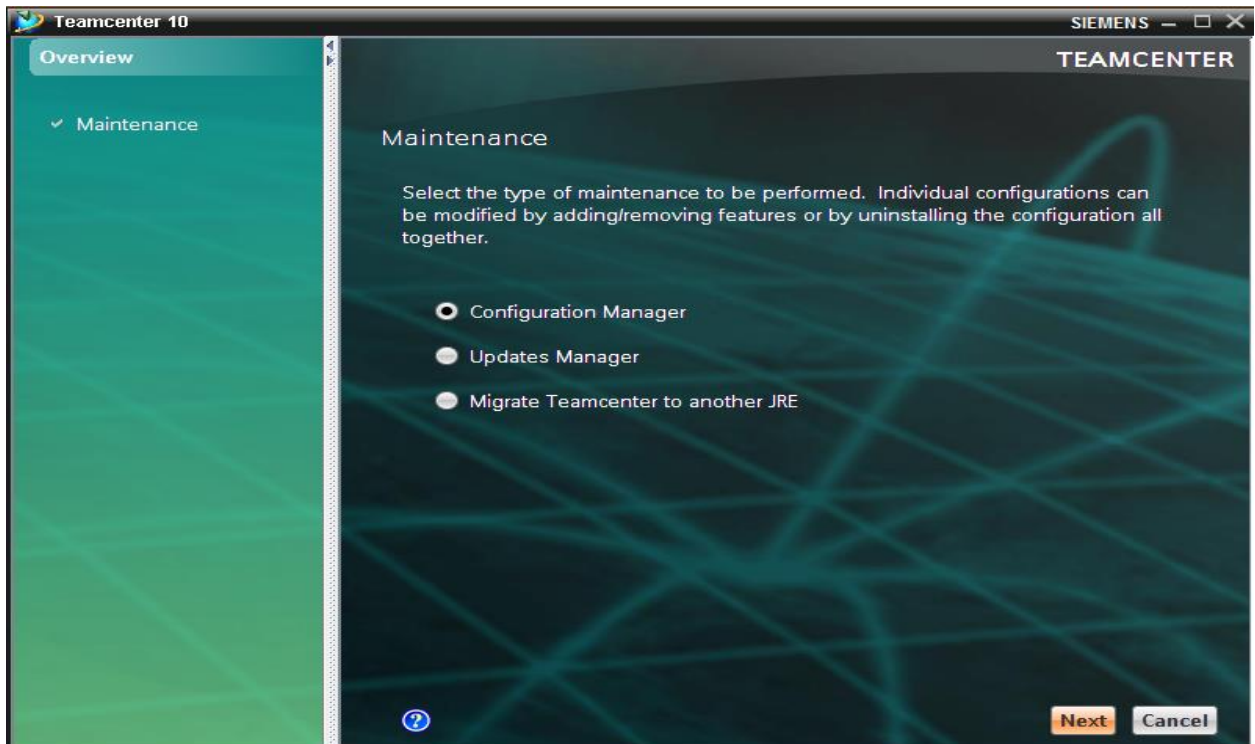
- Log on to tc10sit as os user r_awc/r_awc.
- Start TEM



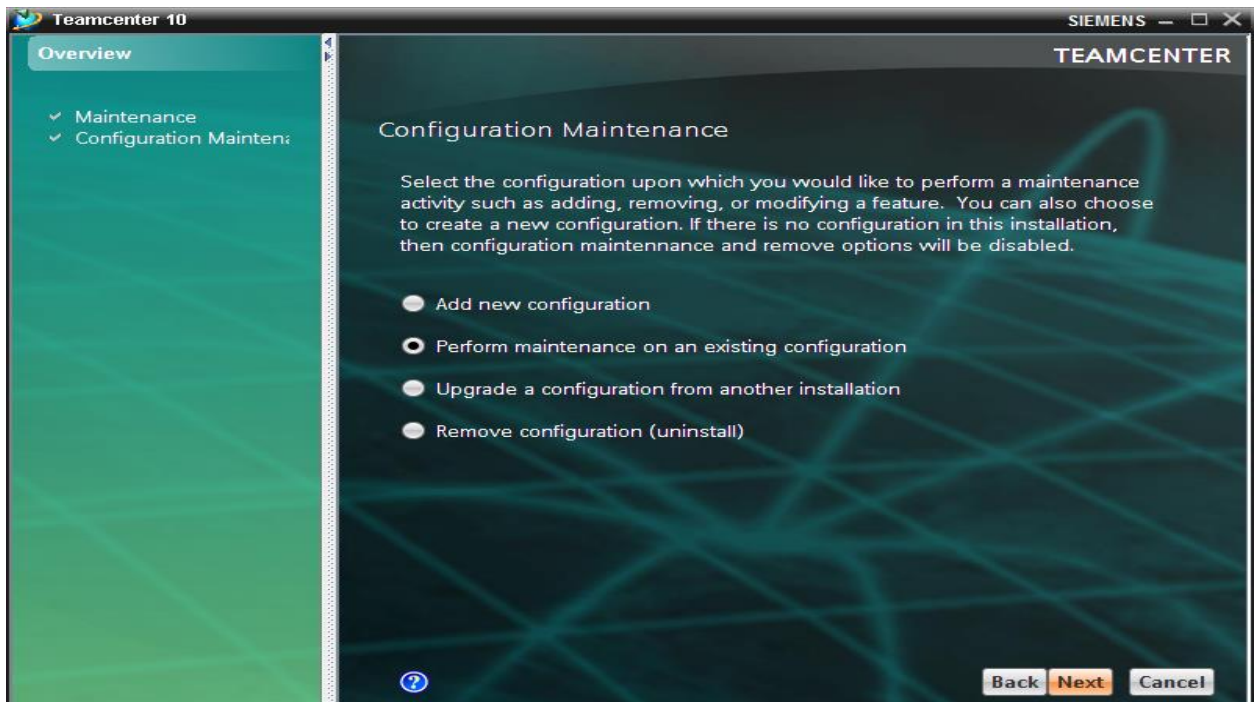
- In the User Account Control dialog window, click Yes.



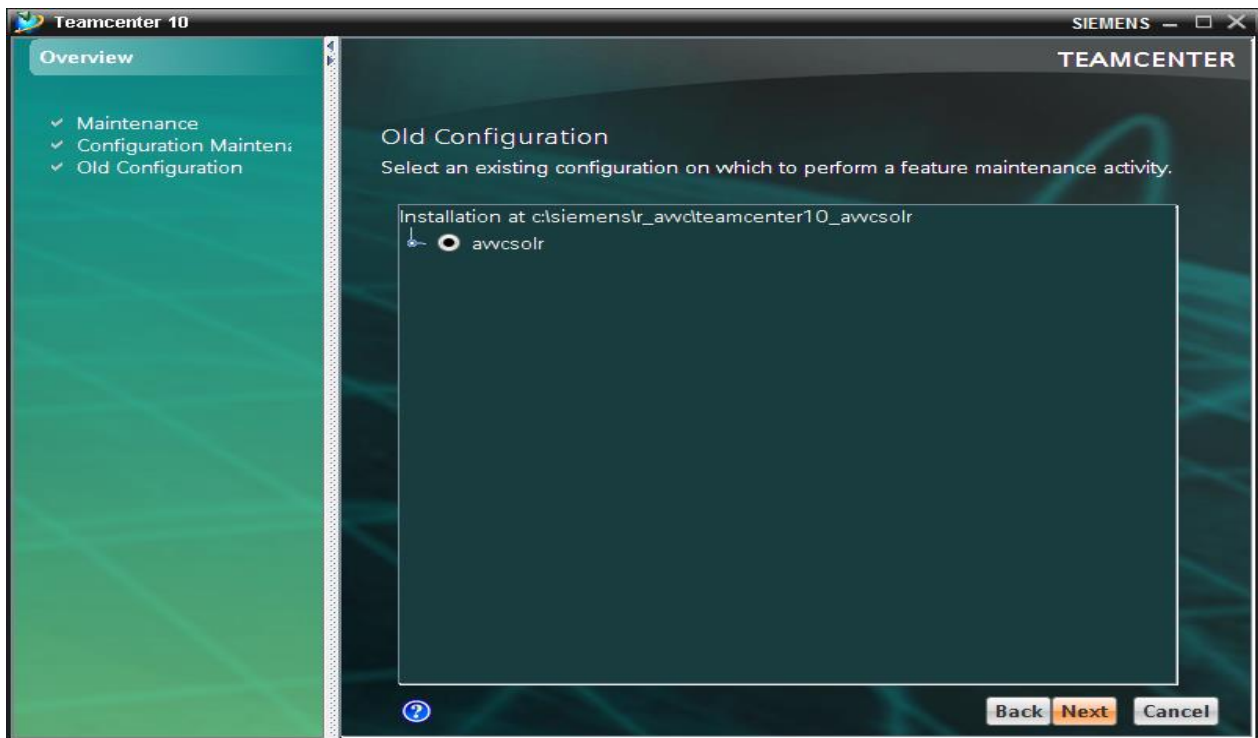
- In the Maintenance dialog window, check Configuration Manager, then Next.



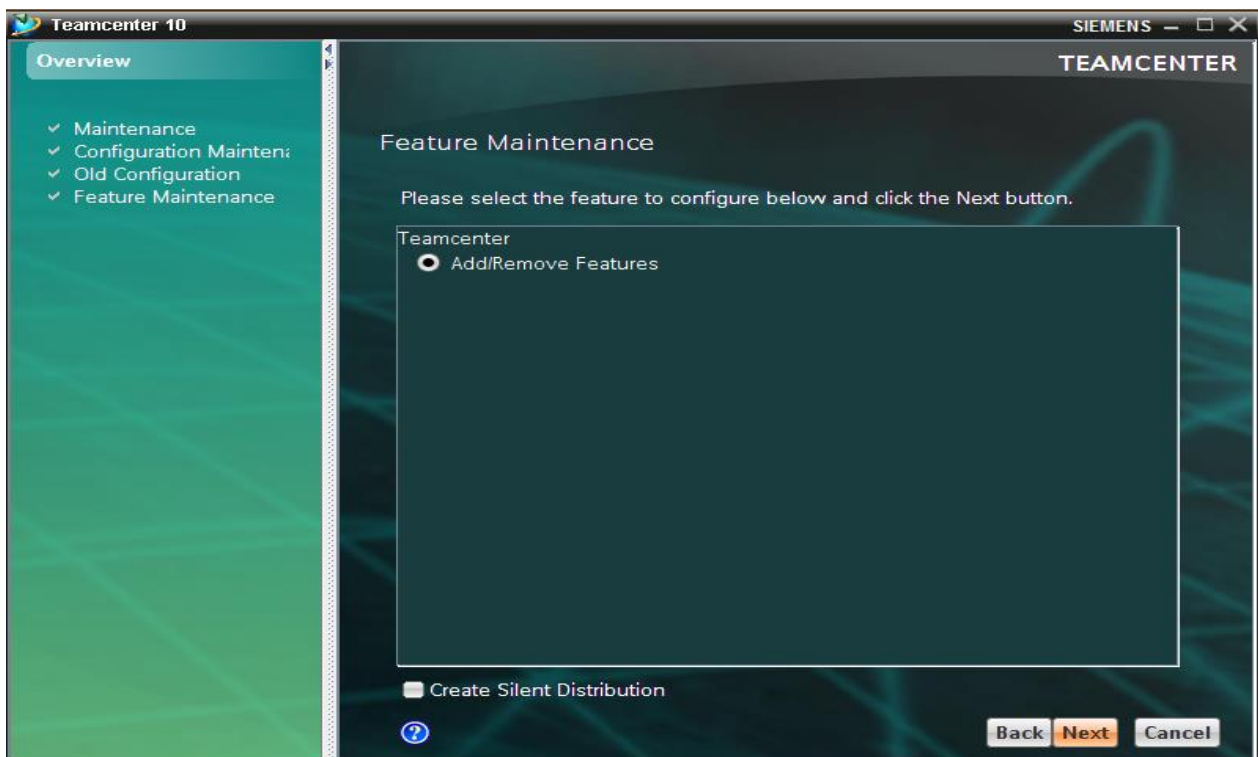
- In the Configuration Maintenance dialog window, check Performance maintenance on an existing configuration, then Next.



- In the Old Configuration dialog window, click on Next.

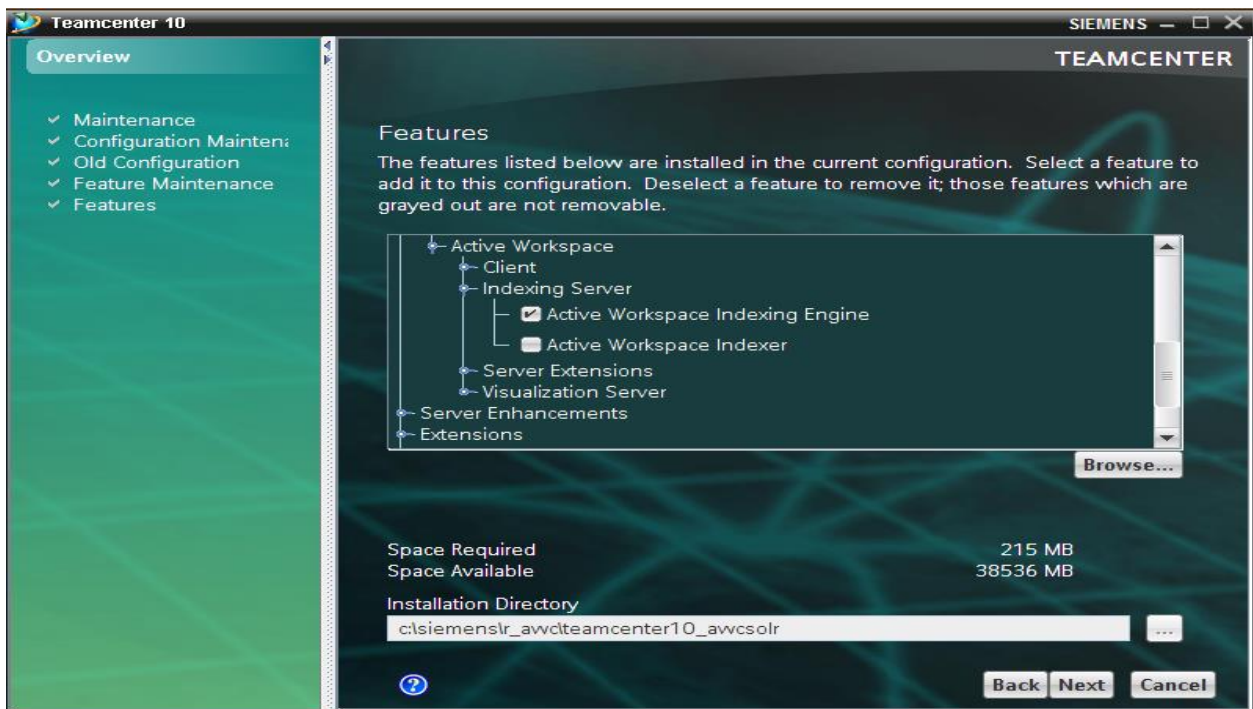


- In the Feature Maintenance dialog window, click Next.

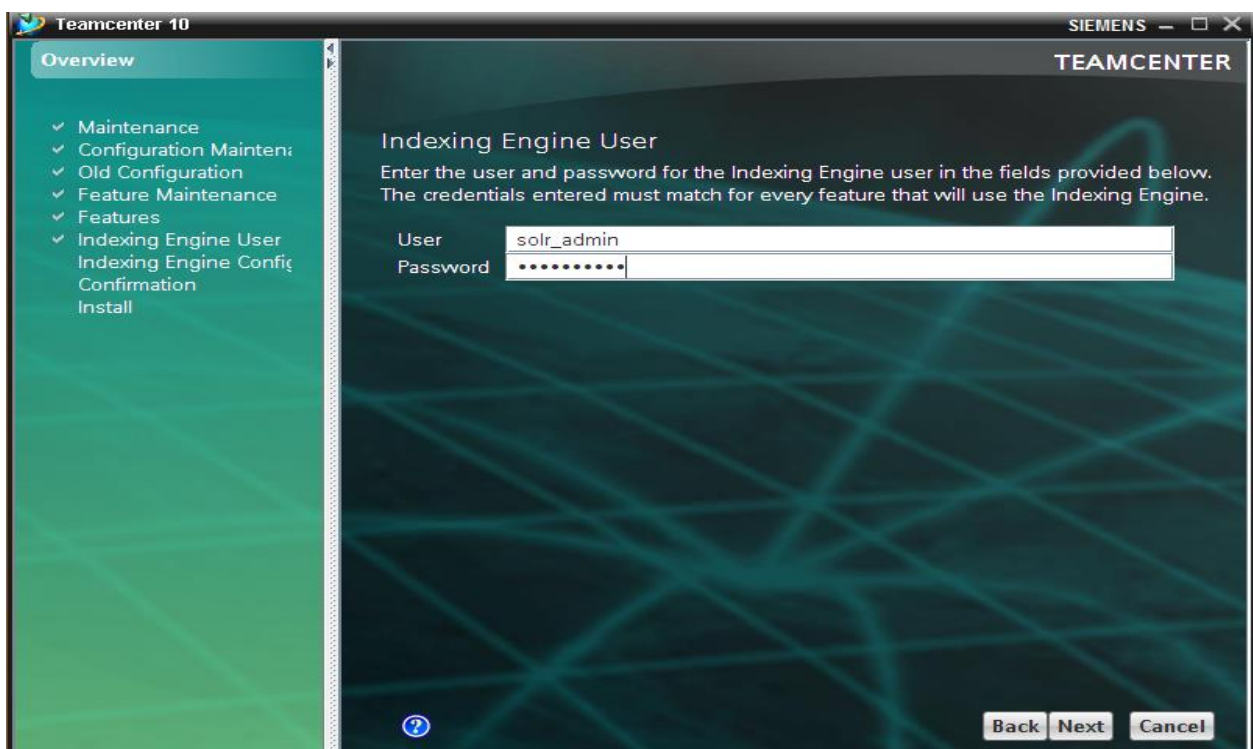


SIEMENS

- In the Features dialog window, check Active Workspace Indexing Engine, then Next.

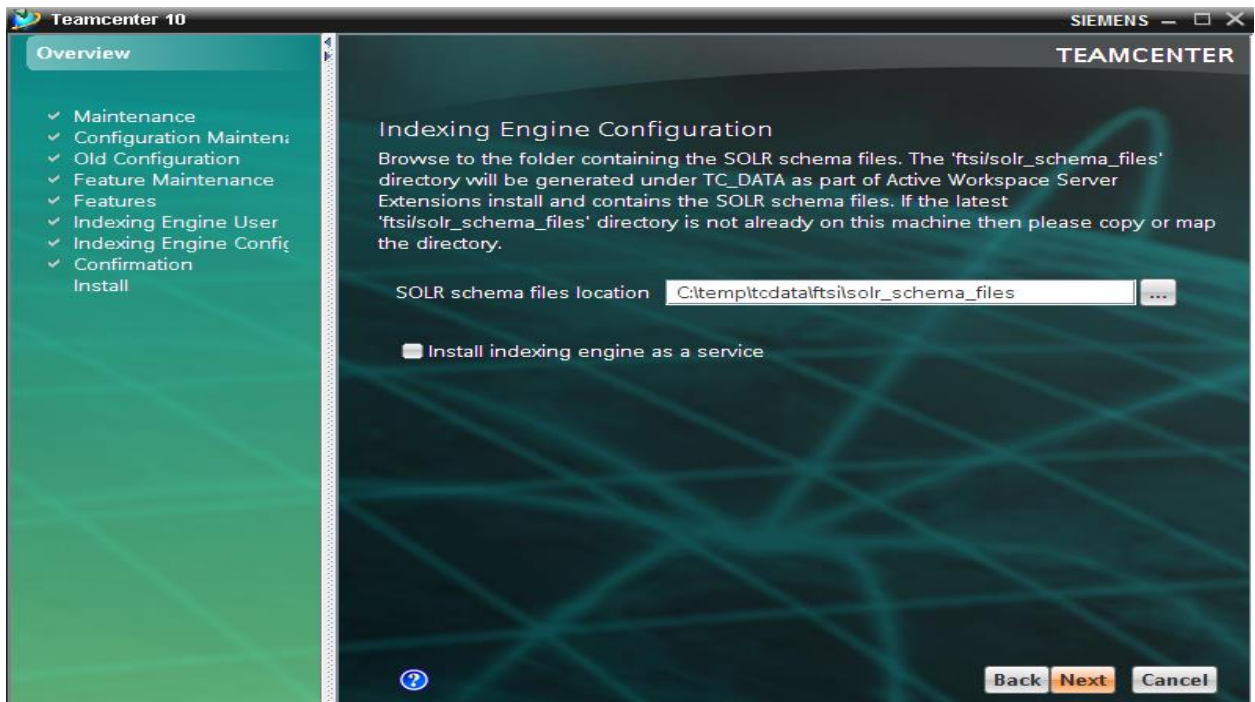


- In the Indexing Engine User dialog window, type in solr_admin in both User and Password boxes, then Next.

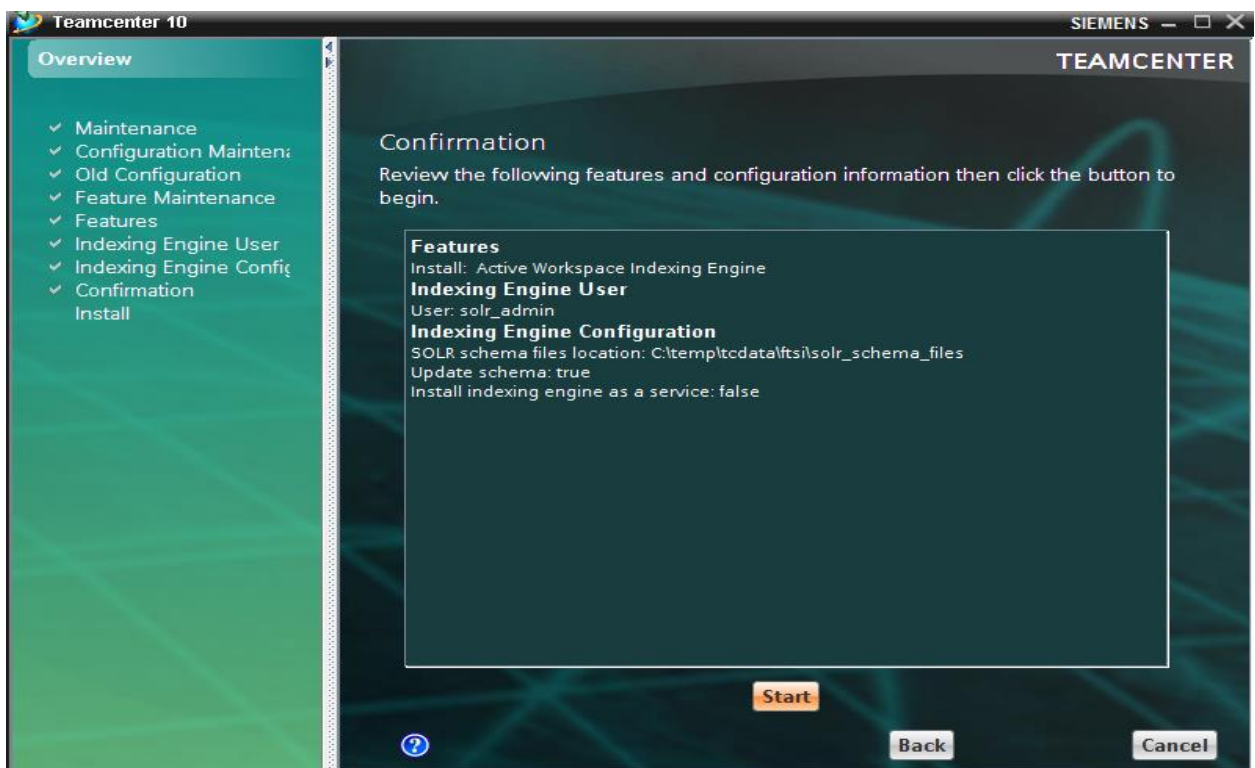


SIEMENS

- In the Indexing Engine Configuration dialog window, browse & fill in the Solr schema files location box, then Next.

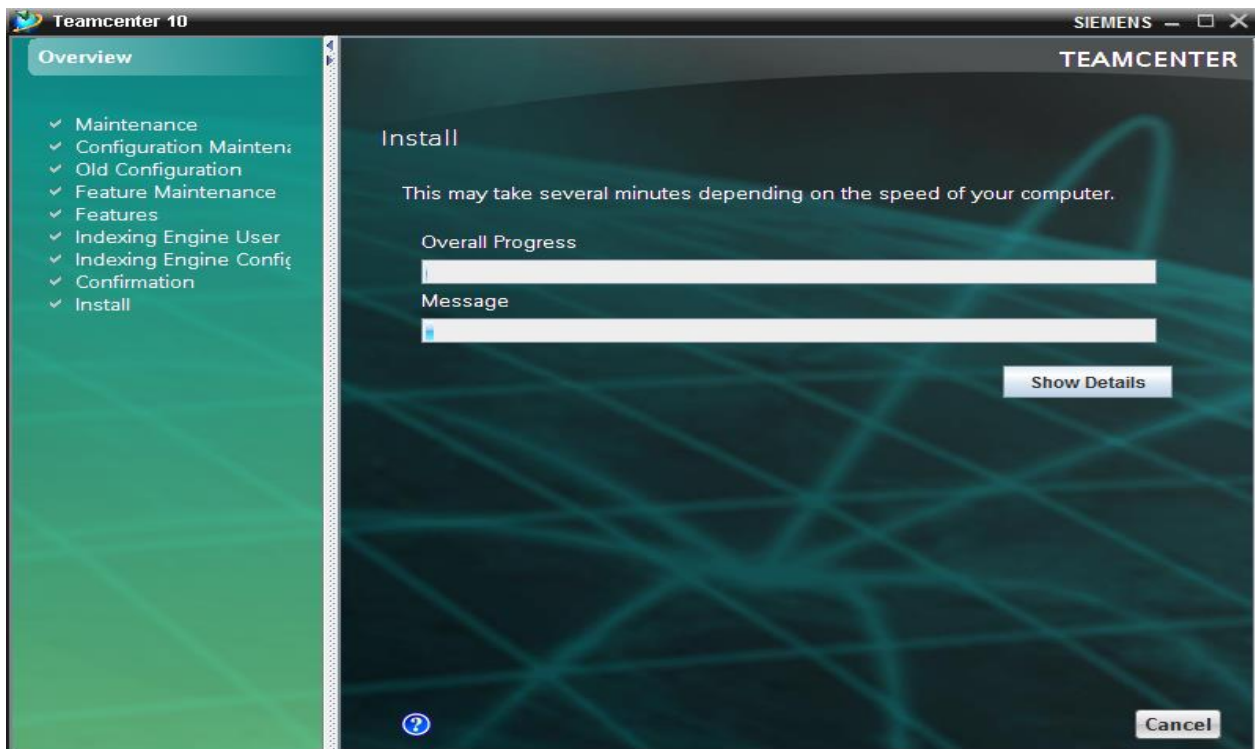


- In the Confirmation dialog window, click Start.

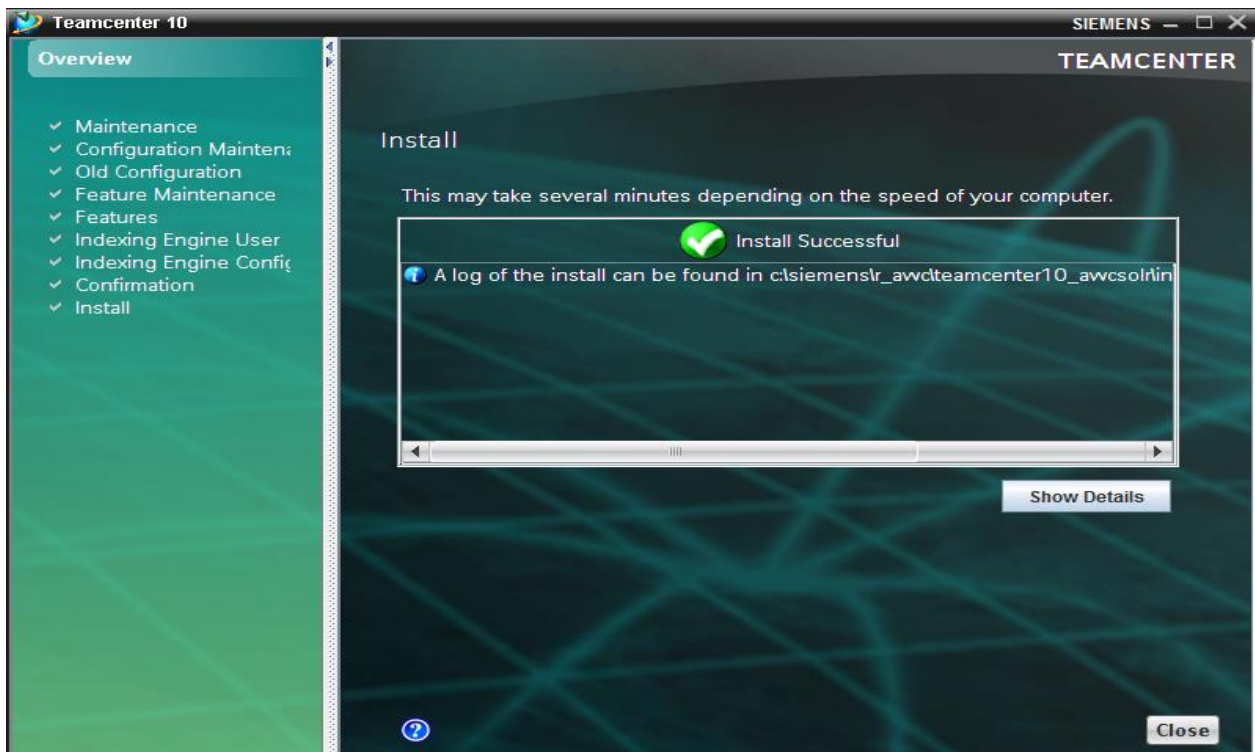


SIEMENS

- In the Install dialog window, the status bar appears indicating the process of installation.



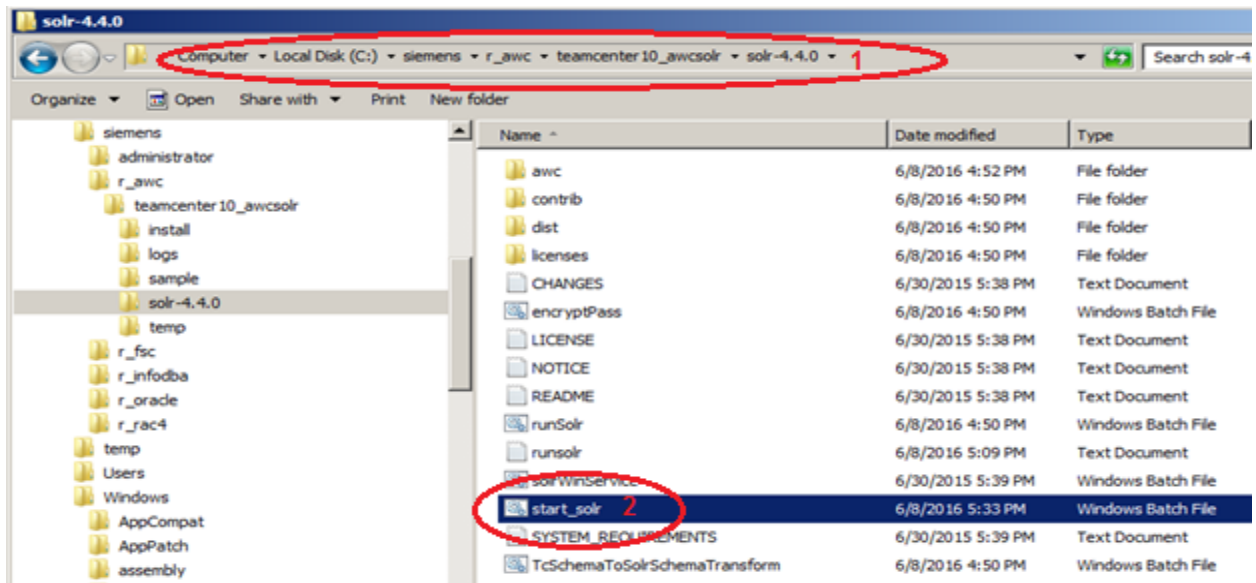
- After Install complete, click Close



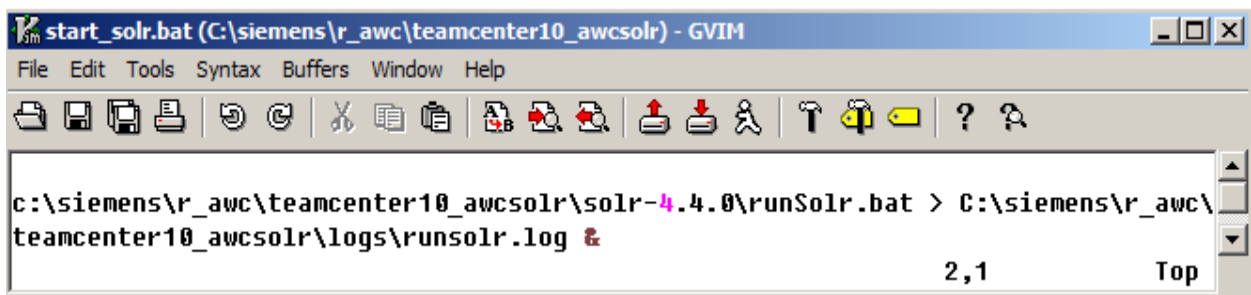
SIEMENS

➤ Make script to start Indexing Engine (solr)

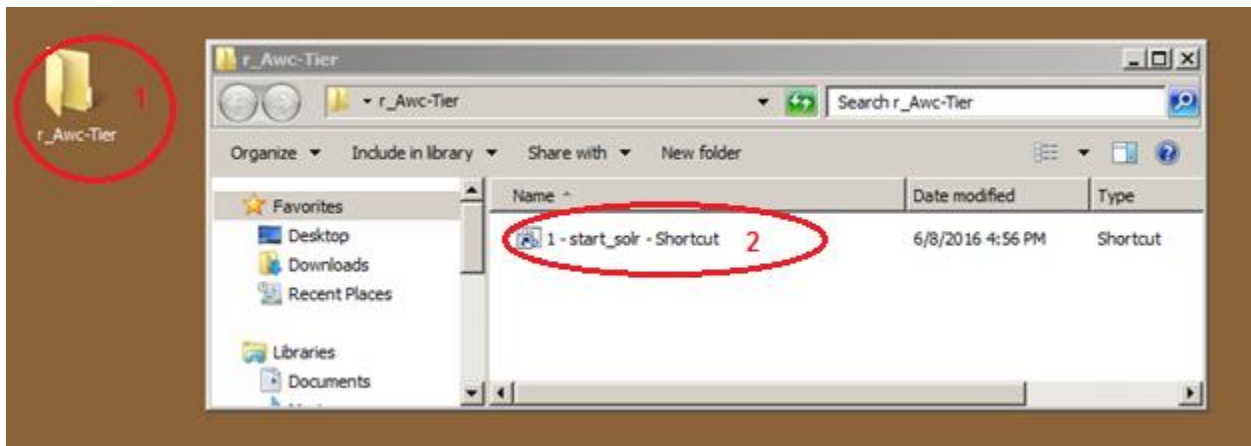
- Create start_solr.bat



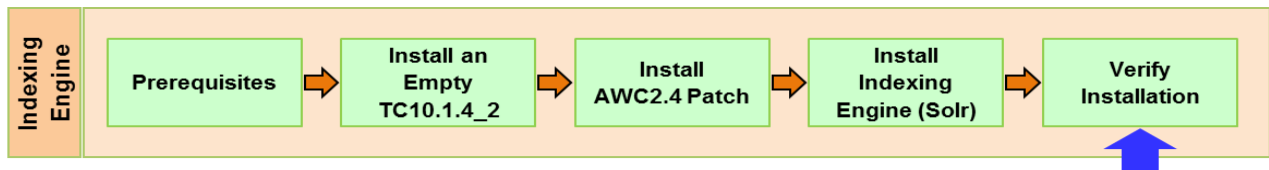
- Edit start_solr.bat



- Create a shortcut to start_solr.bat, in the folder r_Awc-Tier on desktop.

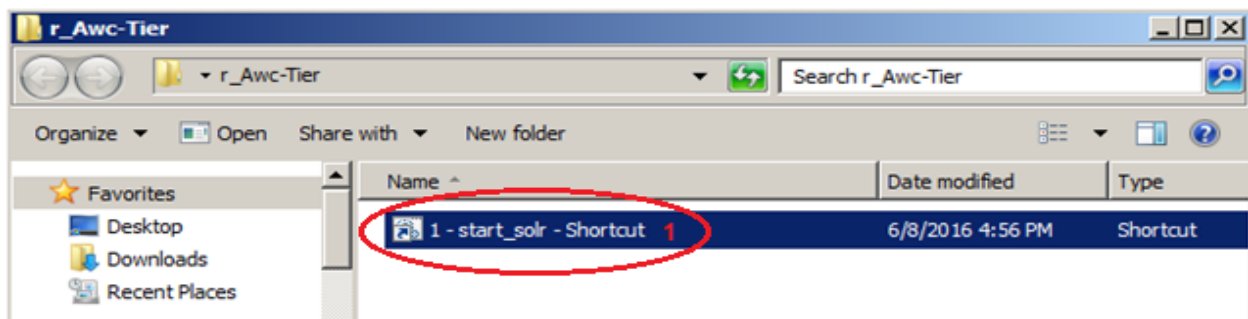


2.2.6 Verify Installation

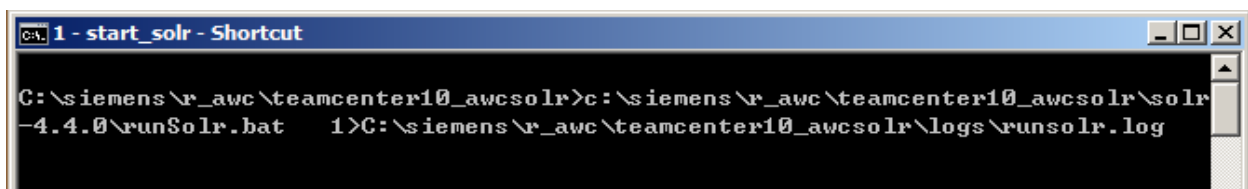


Verification steps:

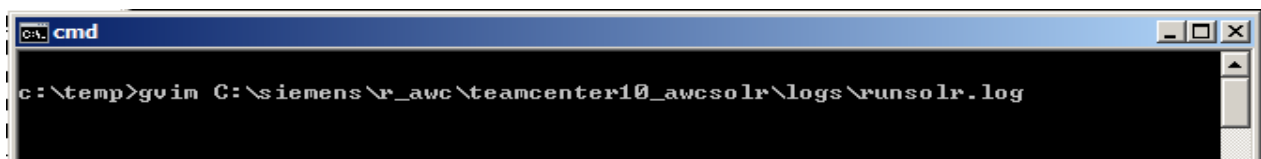
- Log on to tc10sit as awc.
- Start indexing engine (Solr)
 - From the folder r_Awc-Tier on desktop, double click on 1 - start_solr-Shortcut



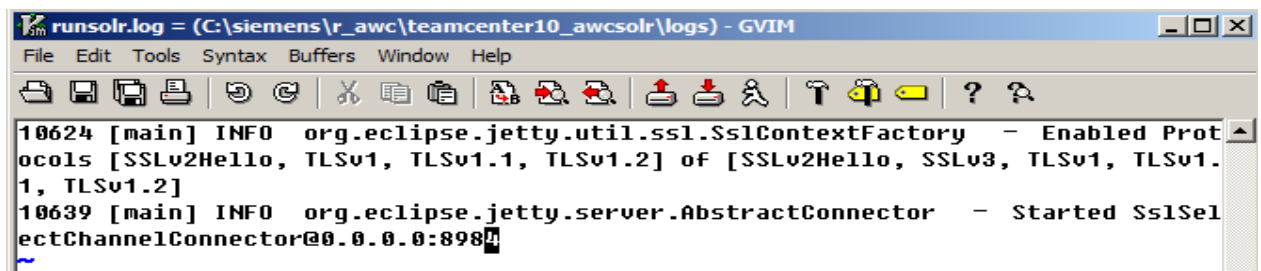
- Solr indexing engine started.



- Open the log file



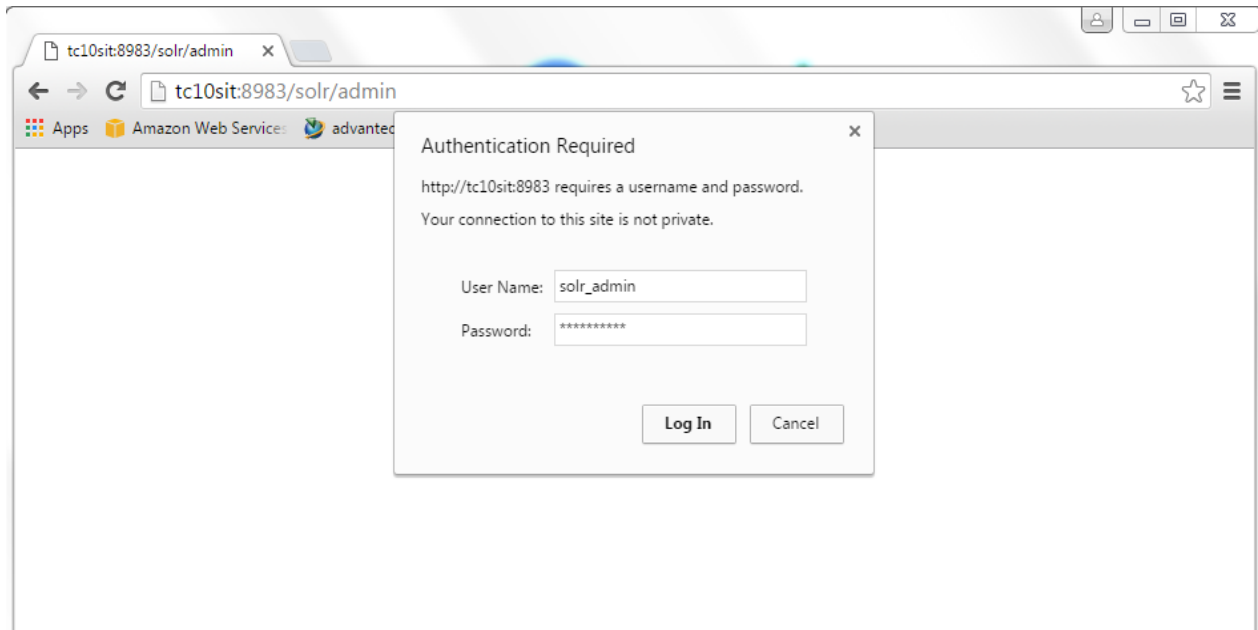
- Review the log file.



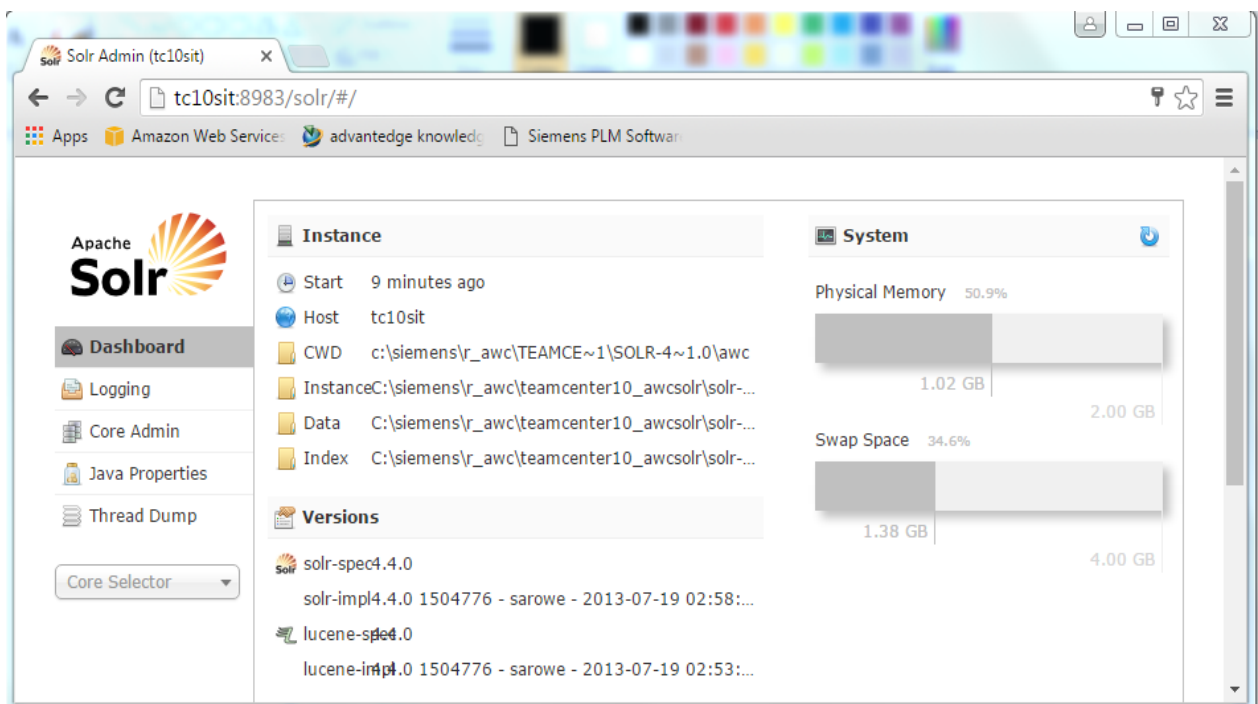
SIEMENS

➤ Verify Solr application interface.

- Run <http://tc10sit:8983/solr/admin> in a browser.
- In the Login dialog window, type in solr_admin for both username & password boxes, then Login

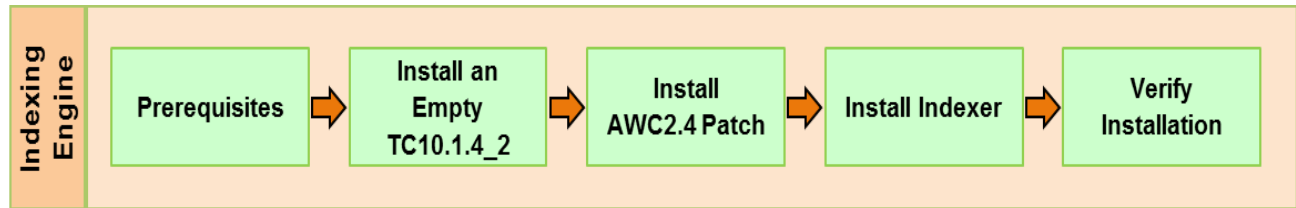


- The Solr admin console is displayed

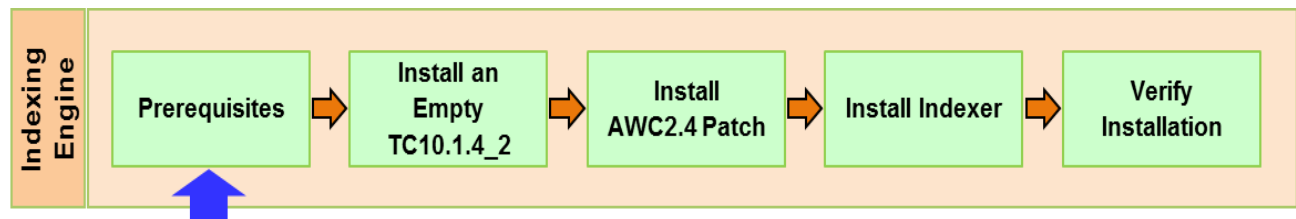


2.3 INSTALL INDEXER

2.3.1 Installation Process Overview



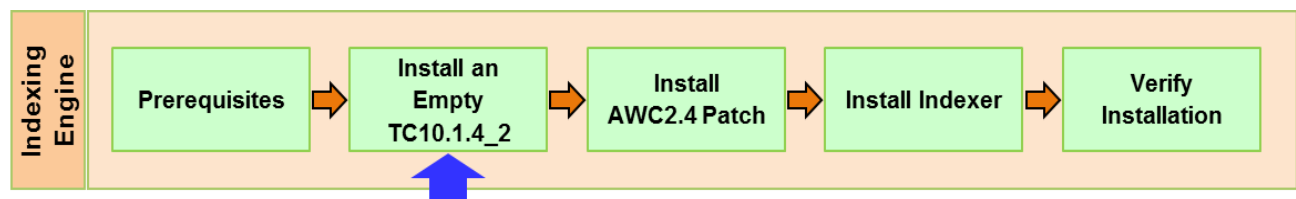
2.3.2 Prerequisites



Prerequisites:

Java	• JRE_HOME=/usr/java/jre1.7.0_45 • JAVA_HOME=/usr/java/jdk1.7.0_45
solr	• url: http://tc10sit:8983/solr • user/password: solr_admin/solr_admin
Teamcenter 4-tier URL	• http://tc10win:8080/tc

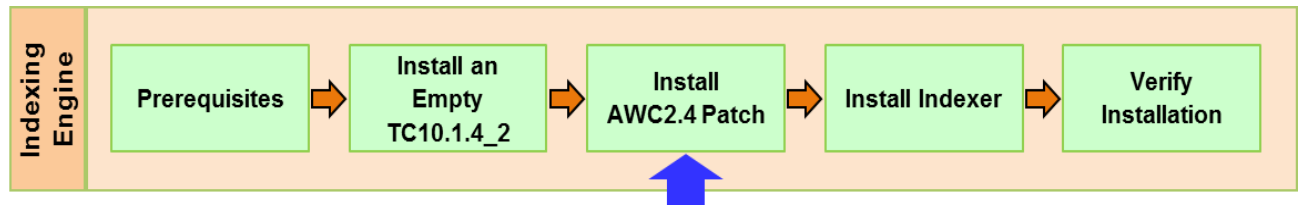
2.3.3 Install an Empty TC10.1.4_2



Installation steps:

- Refer to the Section 2.2.3 for the installation steps.
- Installation Directory: c:\siemens\r_awc\teamcenter10_indexer
- After installation, change **Start->All Programs->Teamcenter 10** to **Start->All Programs->Teamcenter 10_indexer**

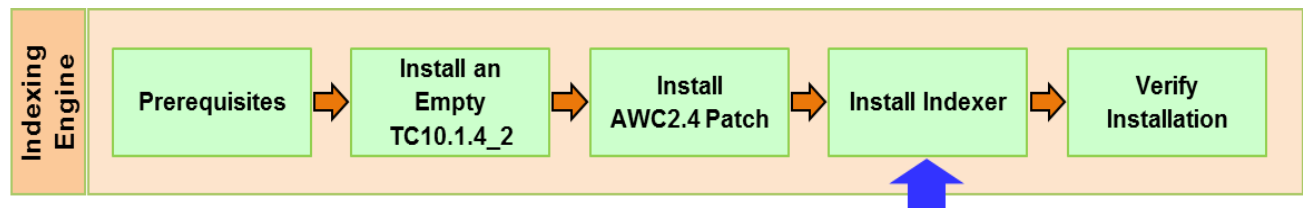
2.3.4 Install AWC 2.4



Installation steps:

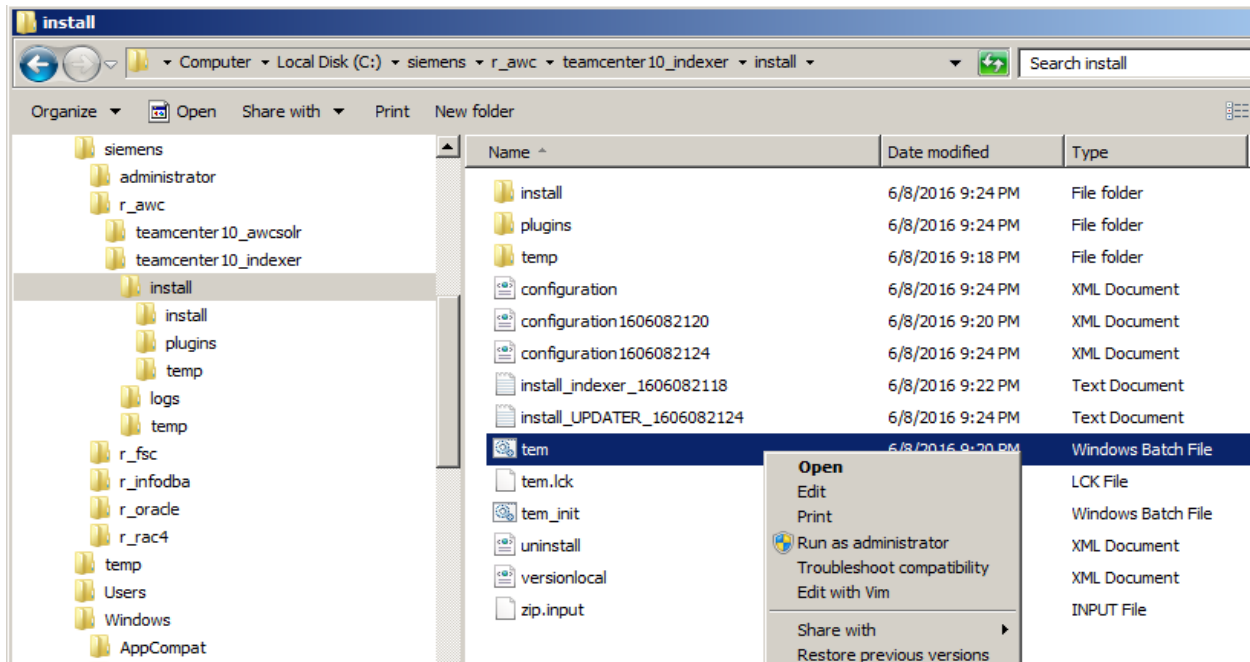
- Refer to the Section 2.2.4 for the installation steps.

2.3.5 Install Indexer

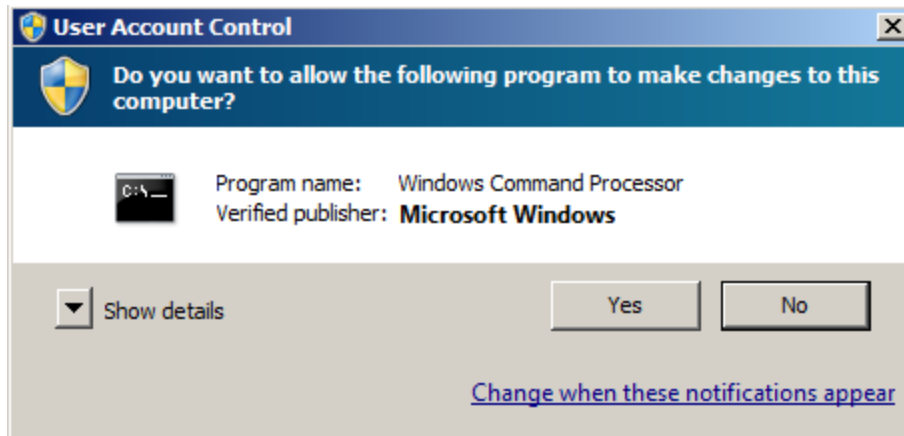


Installation steps:

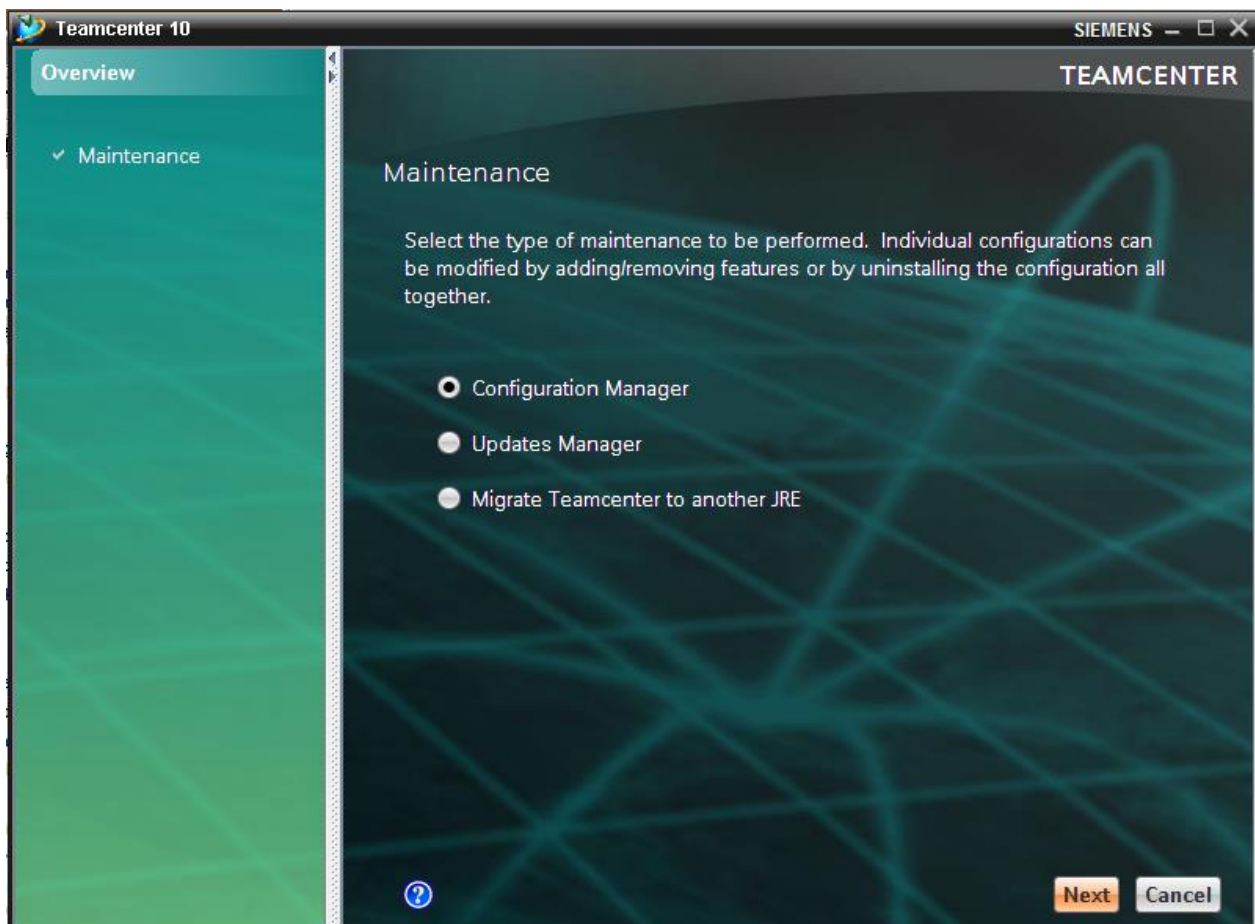
- Log on to tc10sit as r_awc/r_awc
- Start TEM



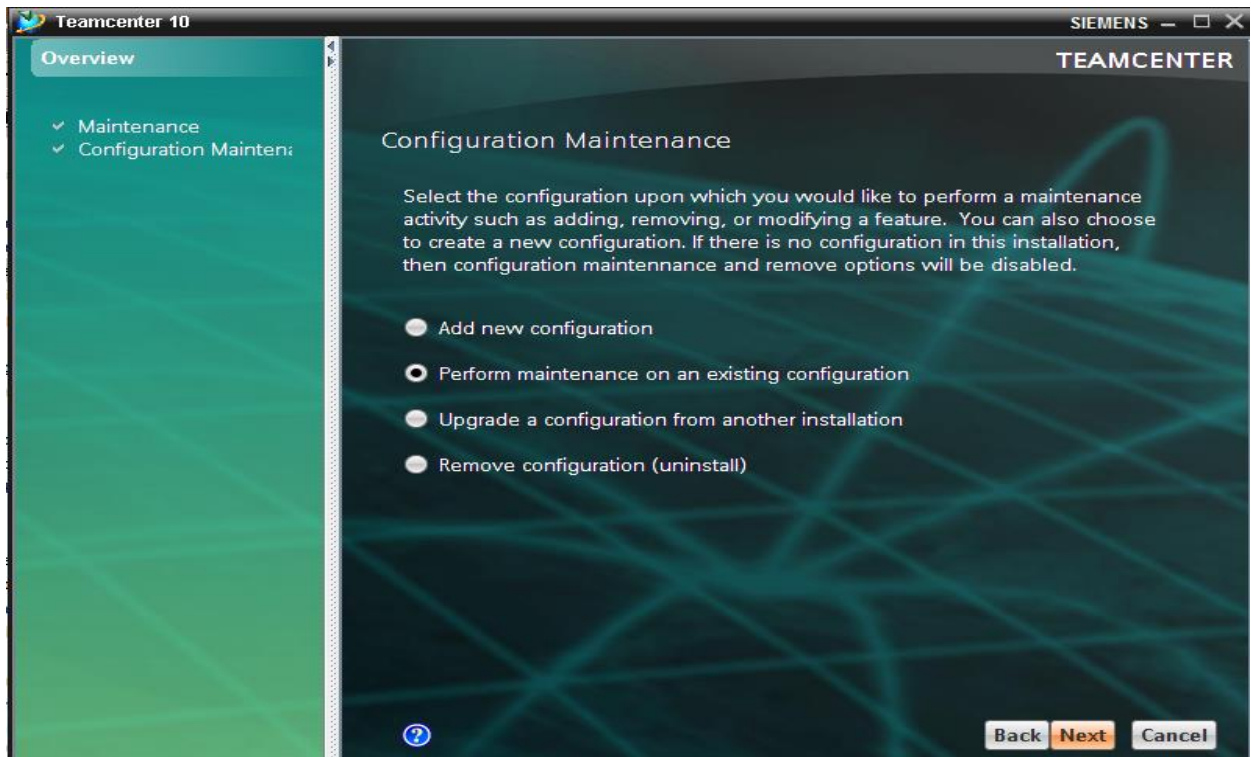
- In the User Account Control dialog window, click Yes.



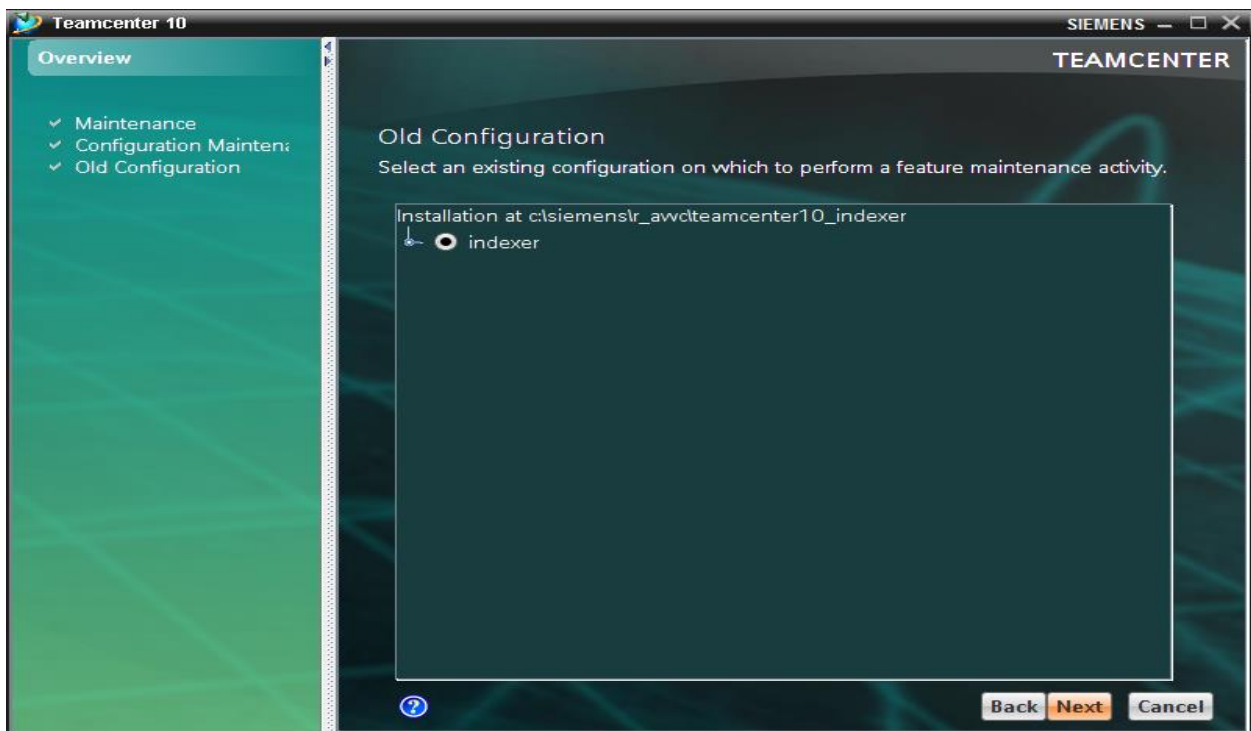
- In the Maintenance dialog window, check the Configuration Manager, then Next.



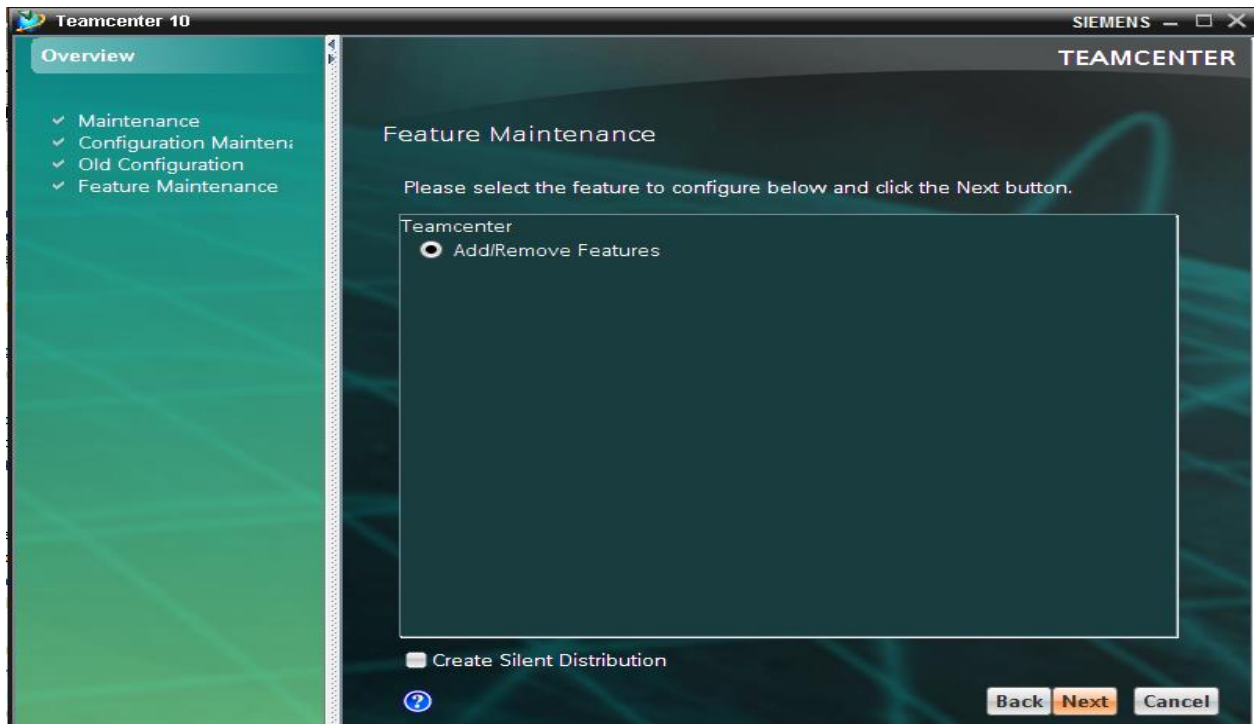
- In the Configuration Maintenance dialog window, check the Perform maintenance on an existing configuration, then Next.



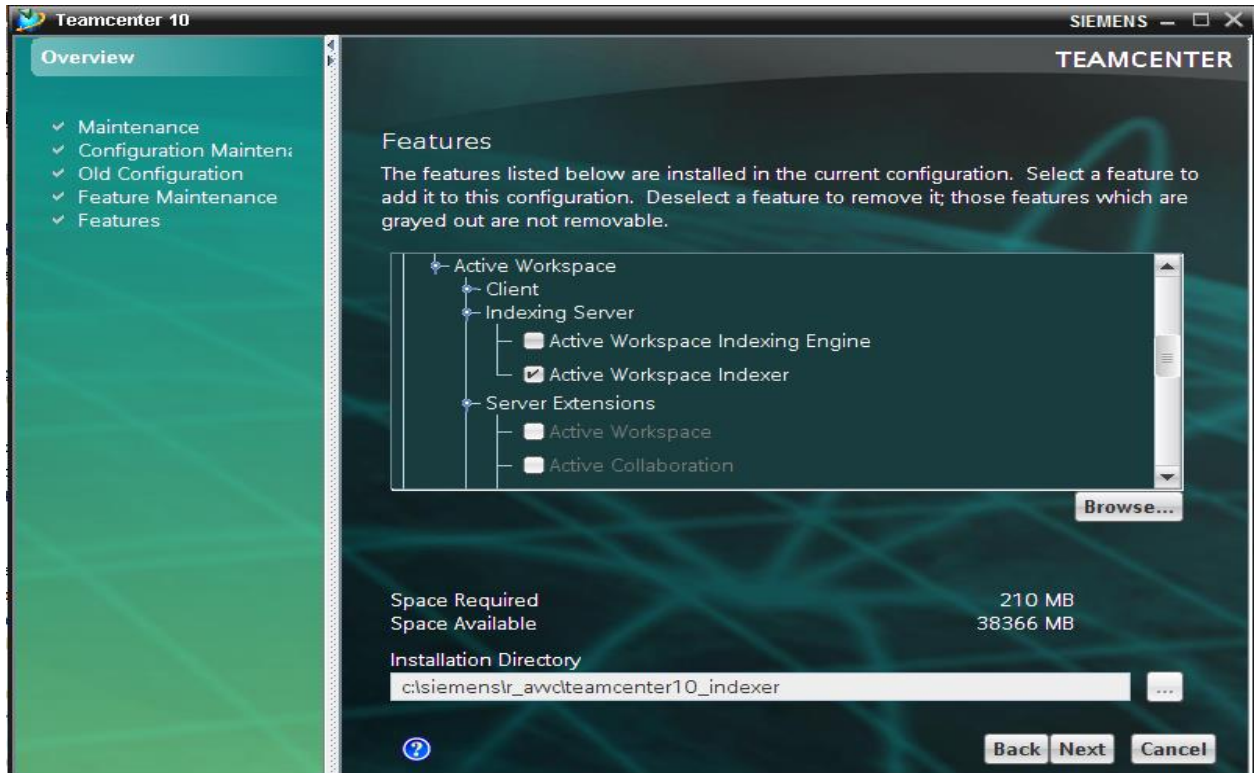
- In the Old Configuration dialog window, click on Next.



- In the Feature Maintenance dialog window, click Next.

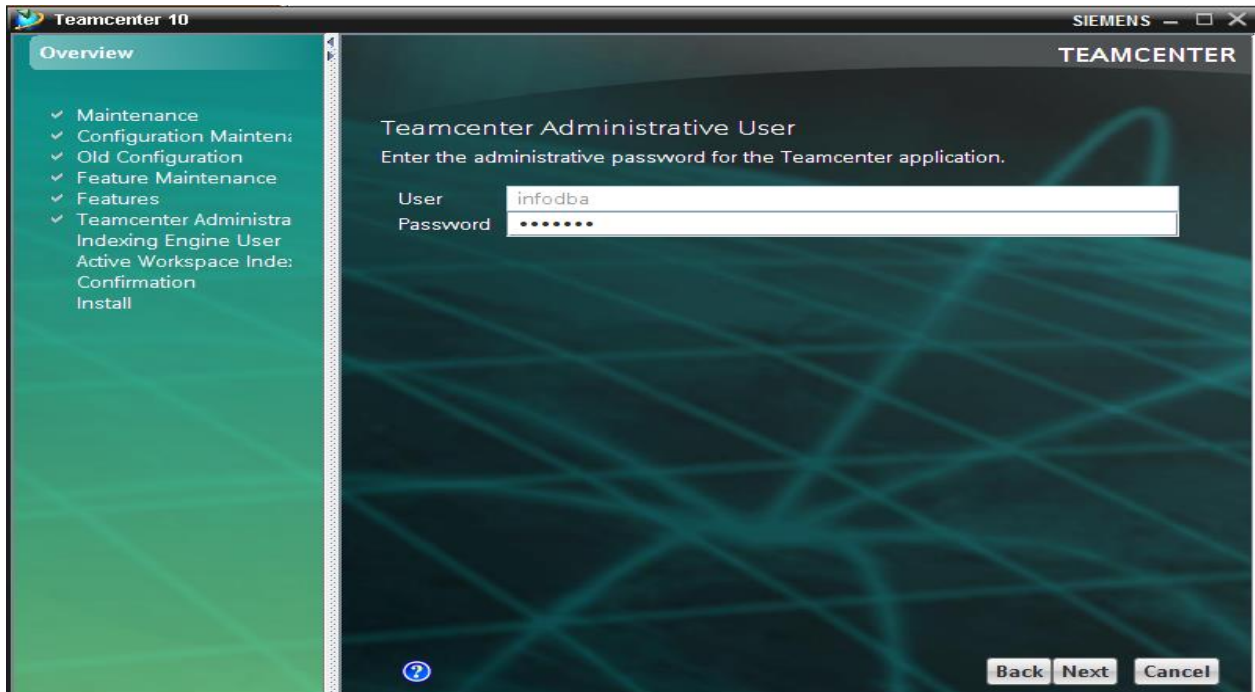


- In the Features dialog window, select the Active Workspace Indexer, then Next.

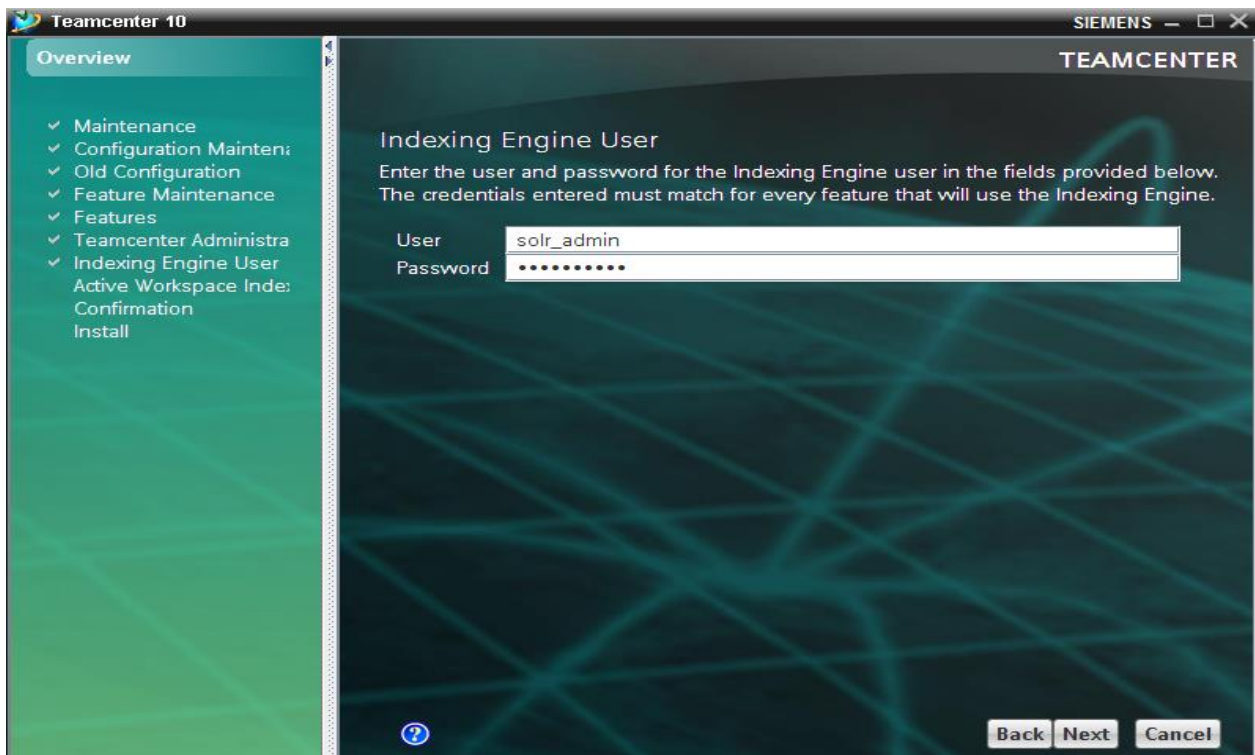


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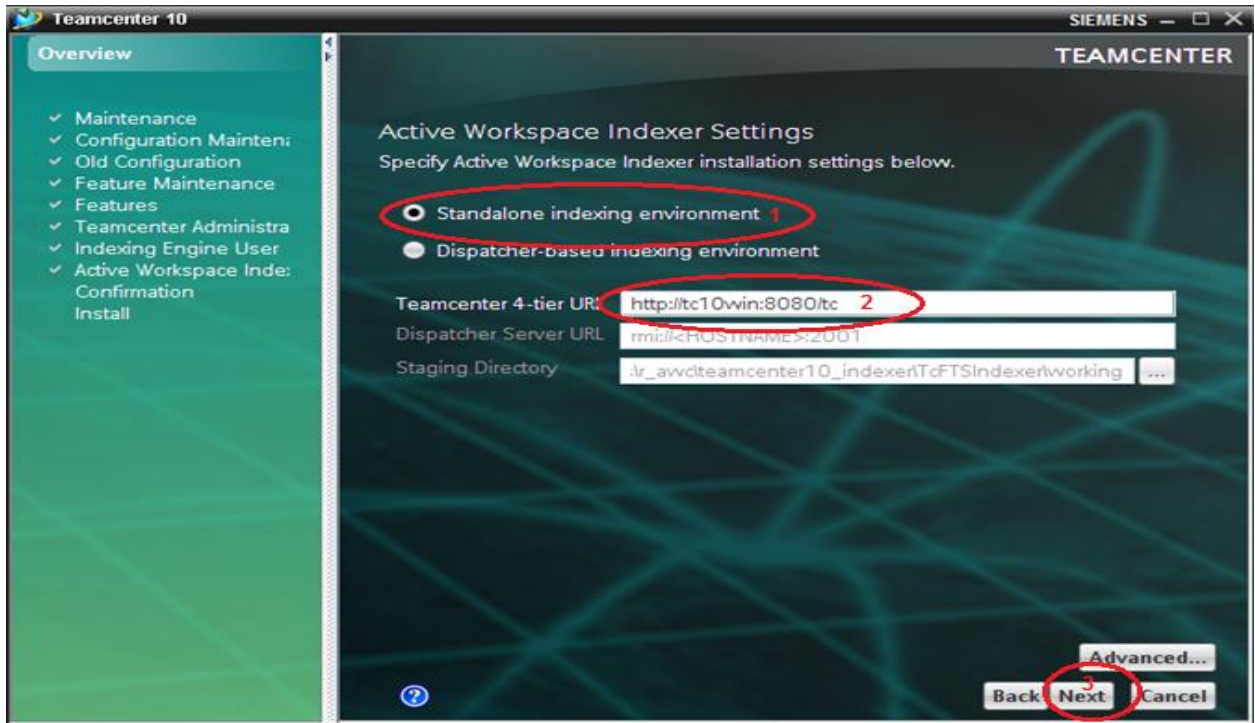
- In the Teamcenter Administrative User dialog window, type in infodba for both User and Password boxes, then Next.



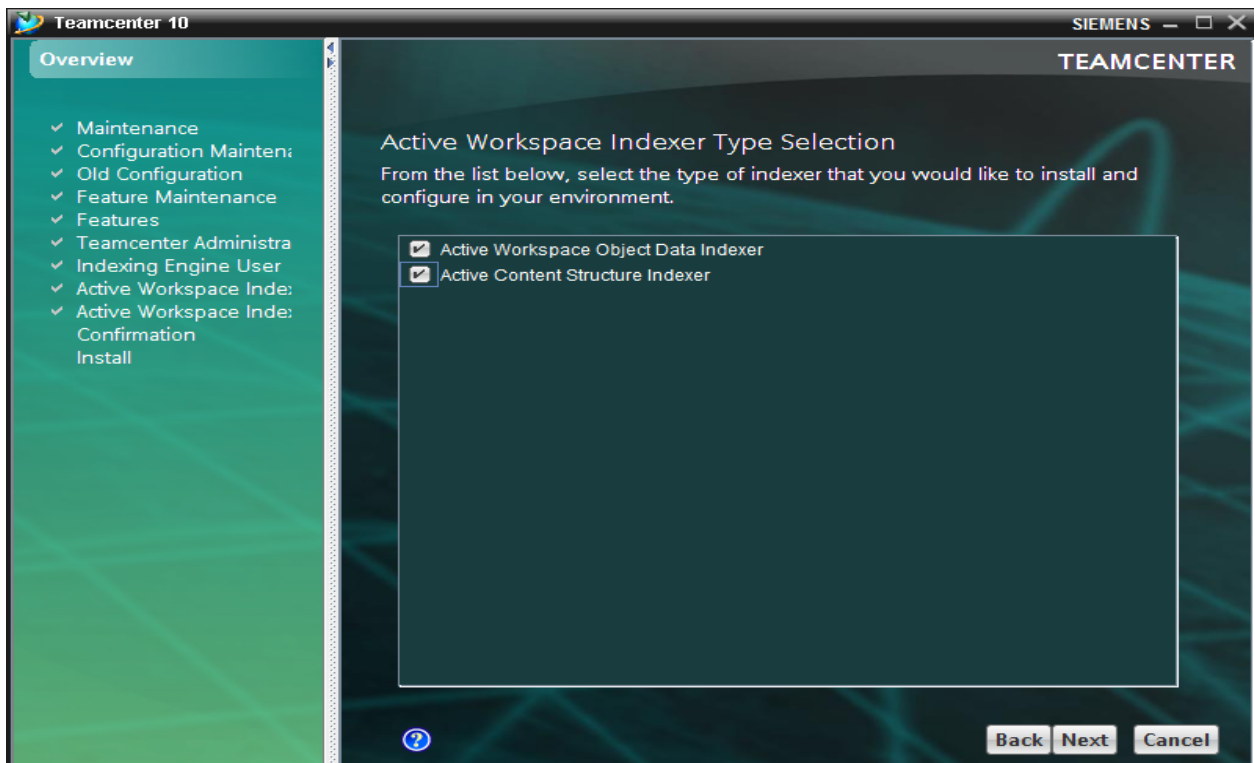
- In the Indexing Engine User dialog window, type in solr_admin for both User and Password boxes, then Next.



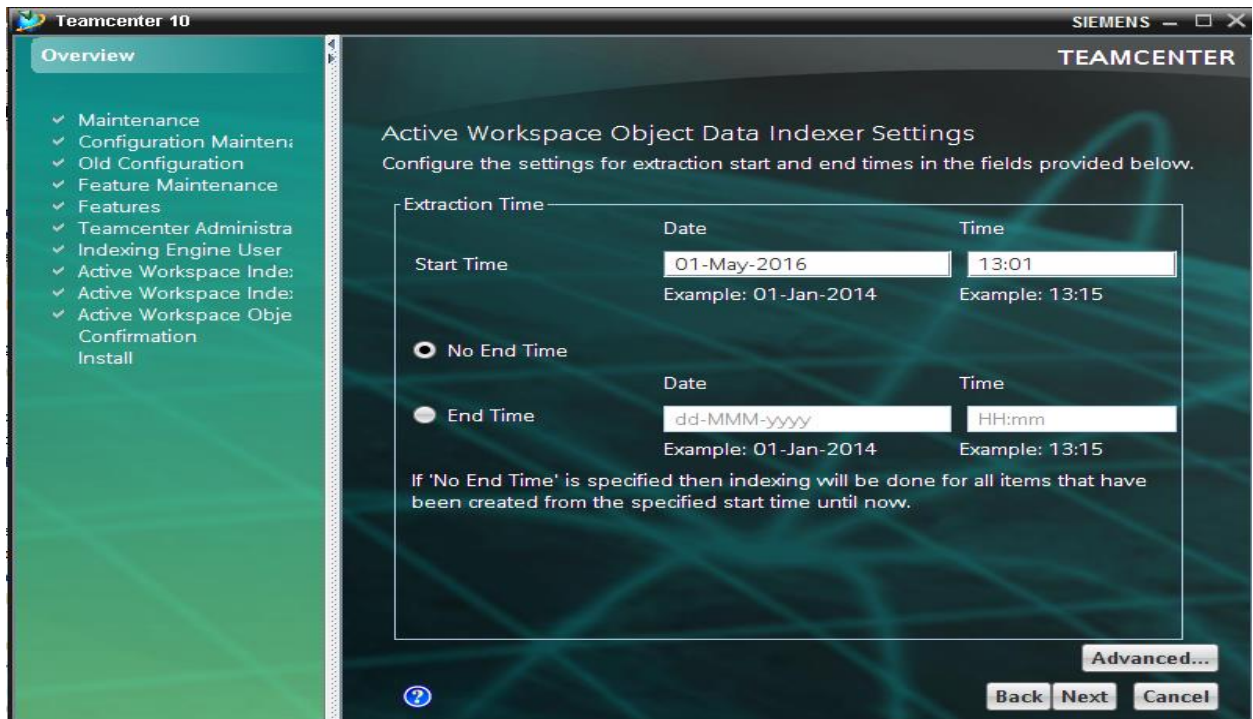
- In the Active Workspace Indexing Settings dialog window, check the Standalone indexing environment and fill in the Teamcenter 4-Tier URL box, then Next.



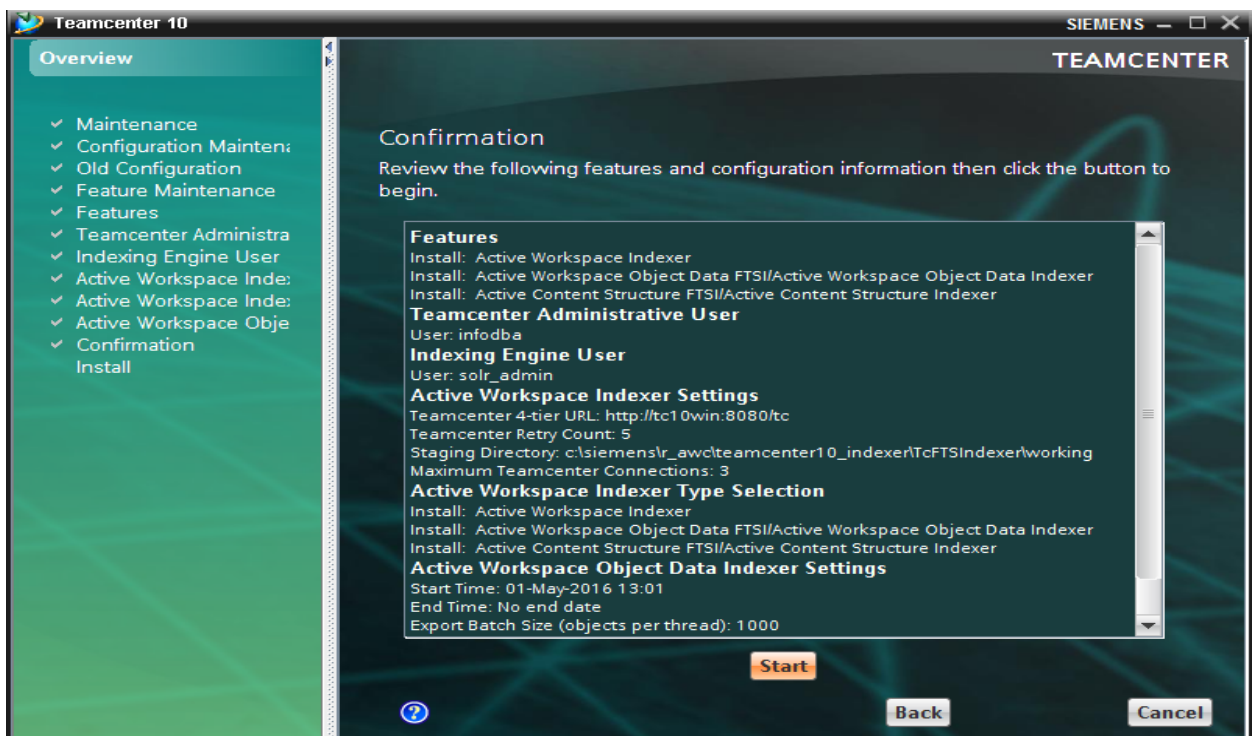
- In the Active Workspace Indexer Type Selection dialog window, check both entries, then Next.



- In the Active Workspace Object Data Indexer Setting dialog window, set Start Time (Date and Time), then Next.

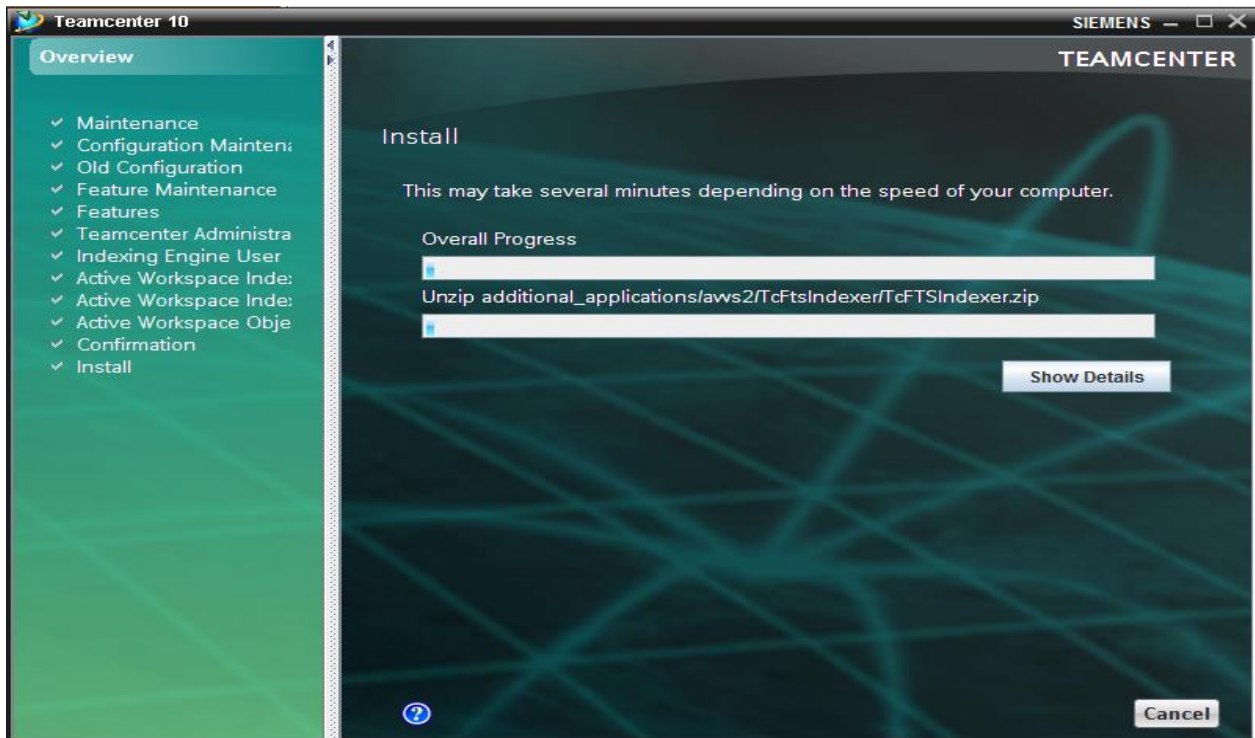


- In the Confirmation dialog window, click Start.

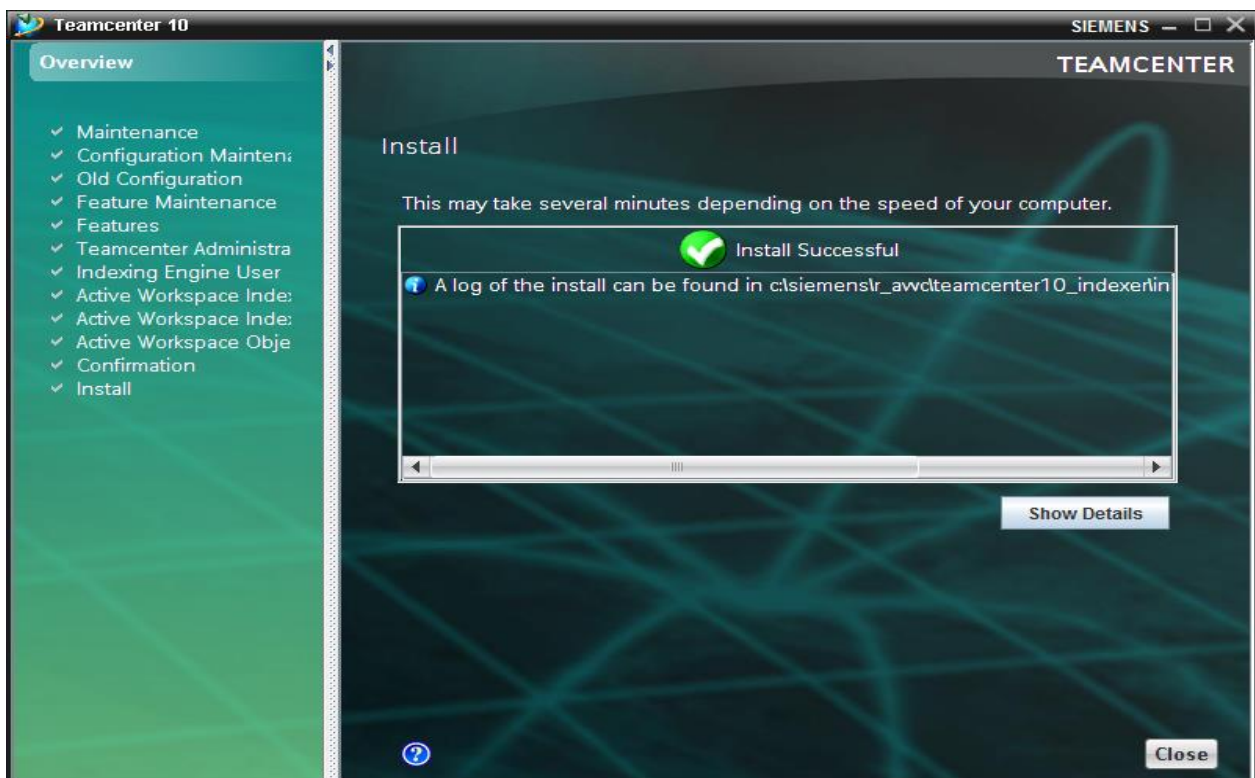


SIEMENS

- In the Install dialog window, a status bar appears indicating the process of installation.



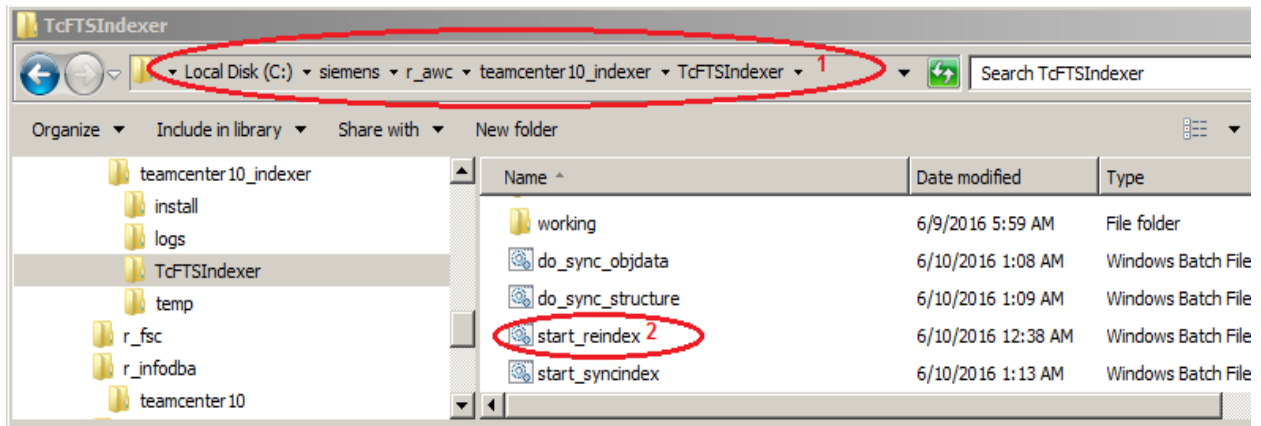
- After installation completes, click Close.



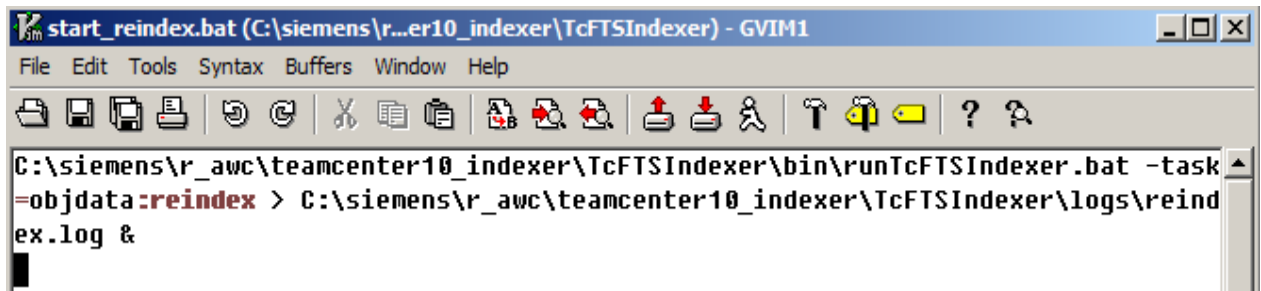
SIEMENS

➤ Make Scripts for Re-Index.

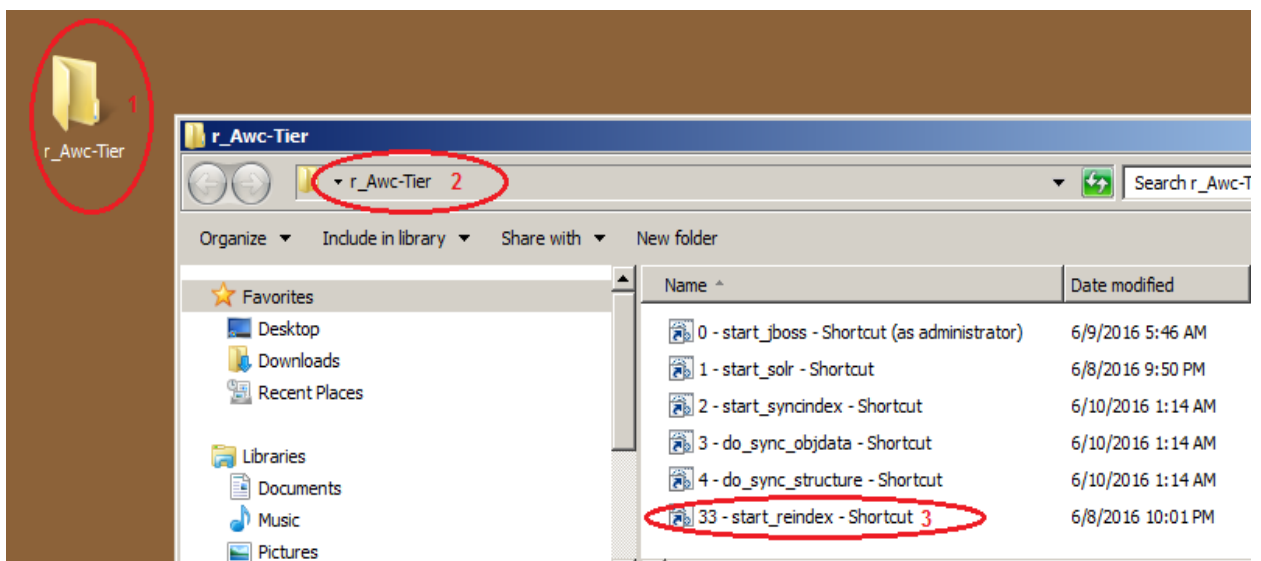
- Create start_reindex.bat



- Edit start_reindex.bat



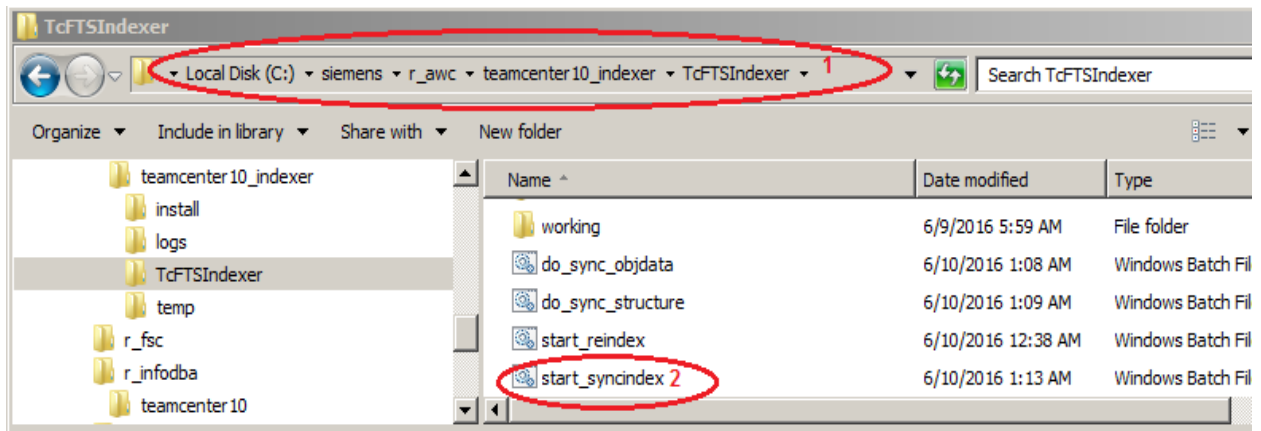
- Create shortcut for start_reindex.bat, in the folder r_Awc-Tier on desktop.



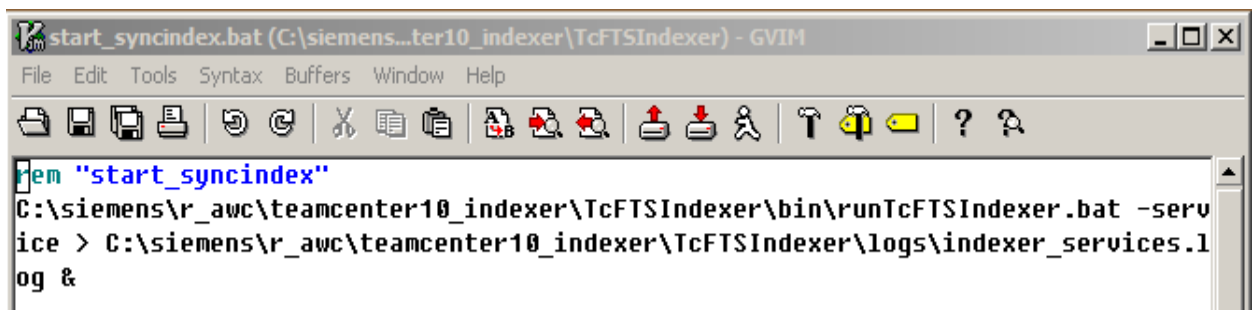
SIEMENS

➤ Make Scripts for Sync-Index.

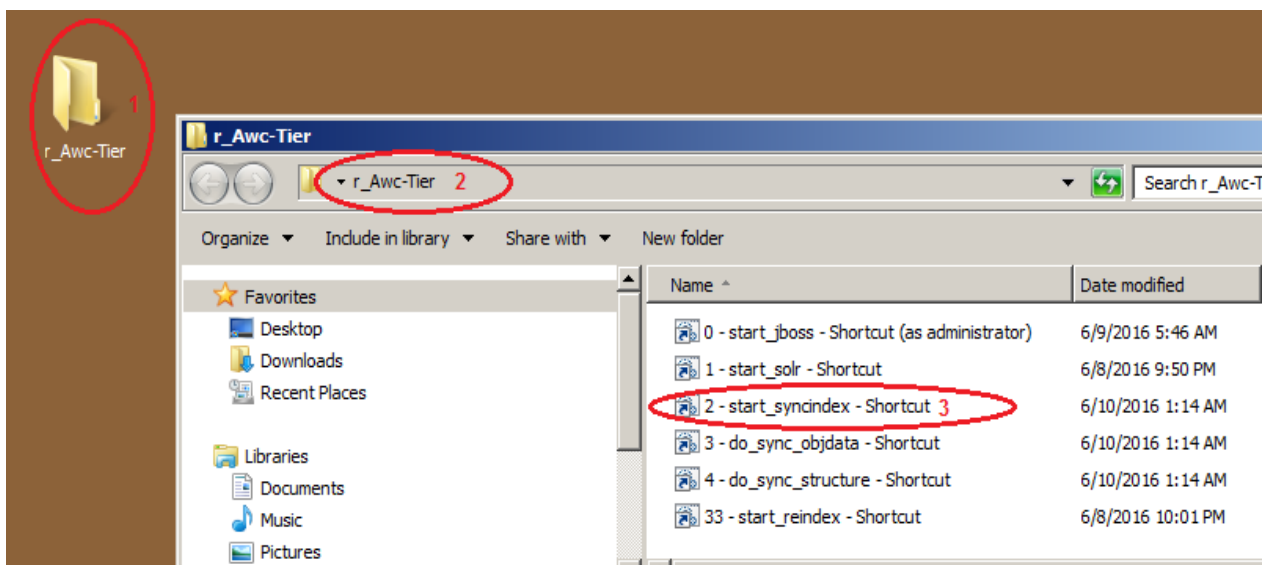
- Create start_syncindex.bat



- Edit start_syncindex.bat

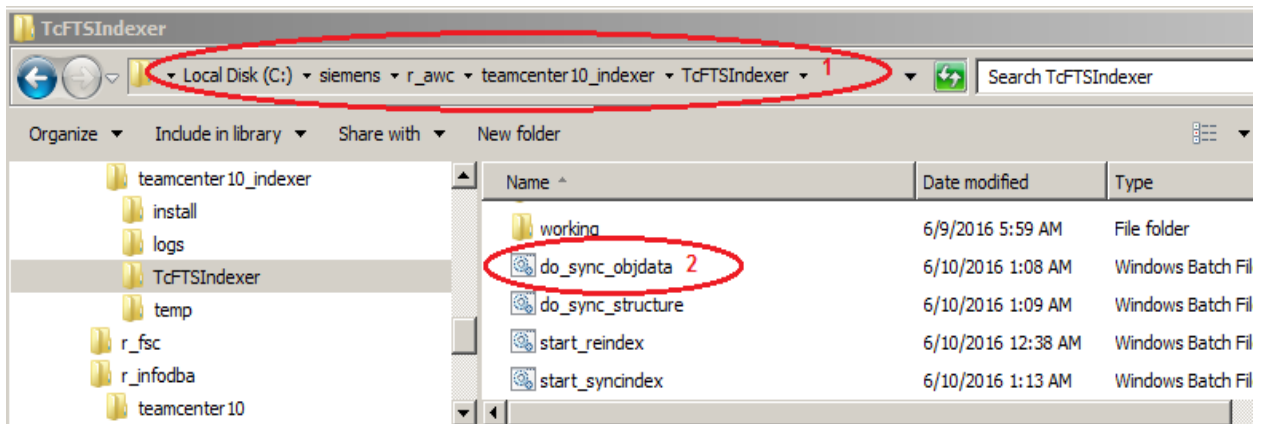


- Create a shortcut for start_syncindex.bat, in the folder r_Awc-Tier on desktop.

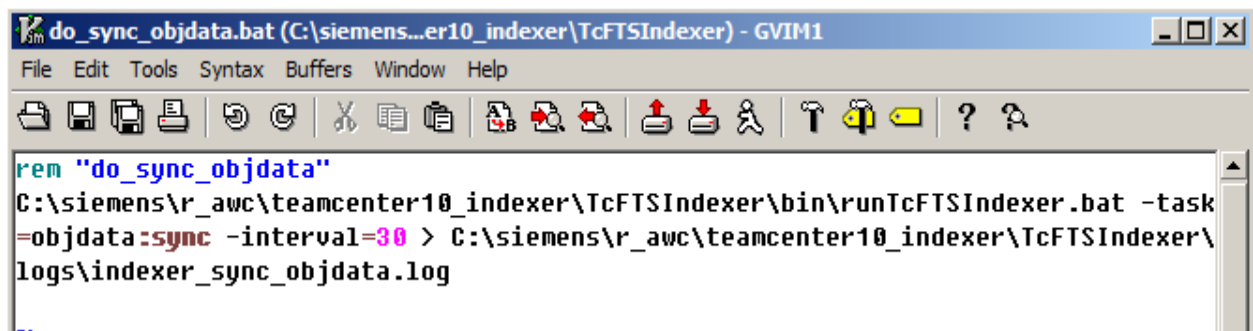


SIEMENS

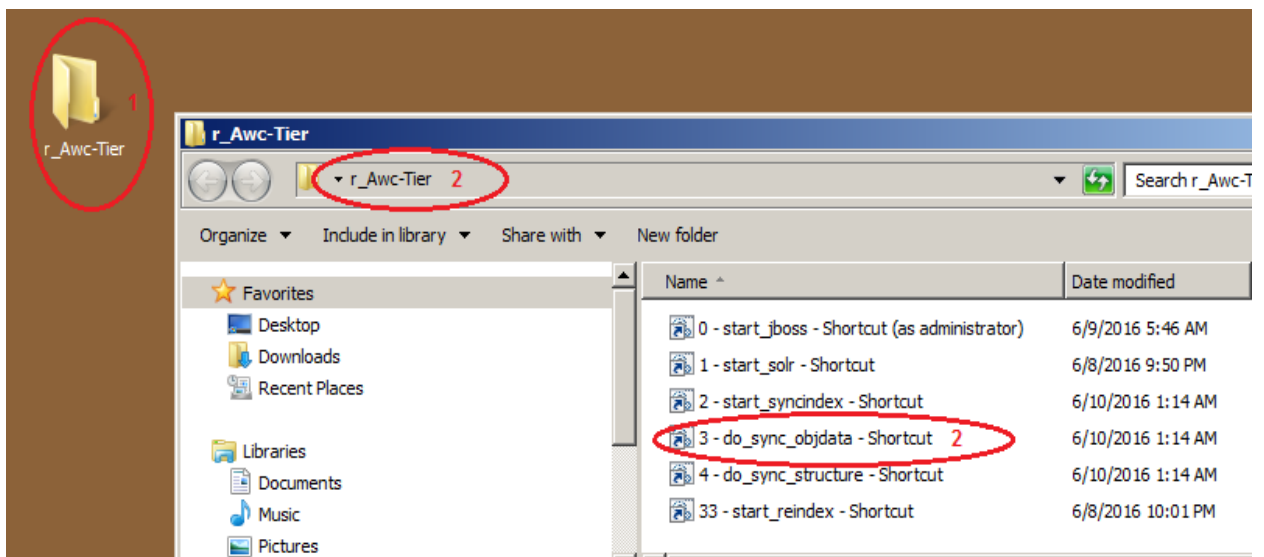
- Make scripts for do sync object
 - Create do_sync_objdata.bat



- Edit do_sync_objdata.bat

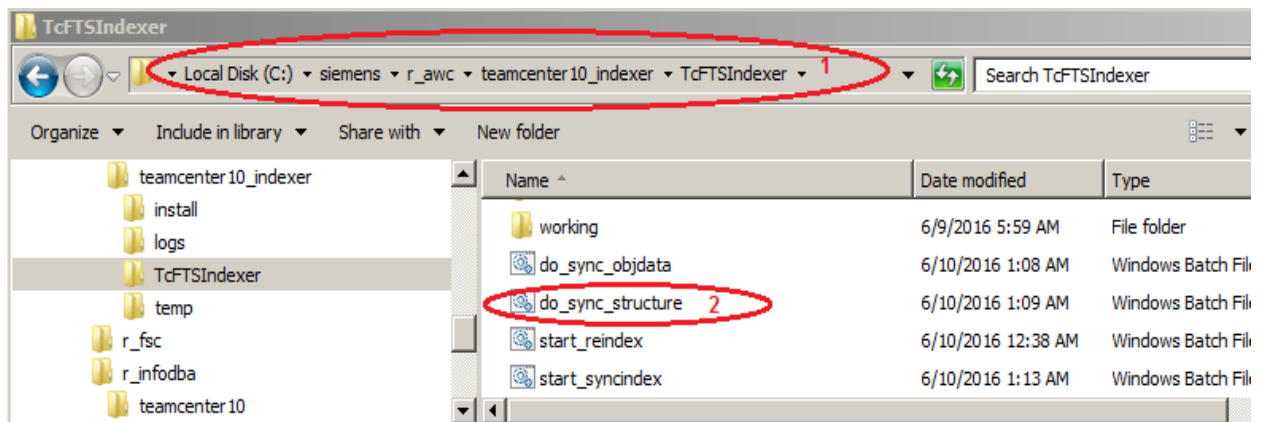


- Create a shortcut for do_sync_objdata.bat, in the folder r_Awc-Tier on desktop

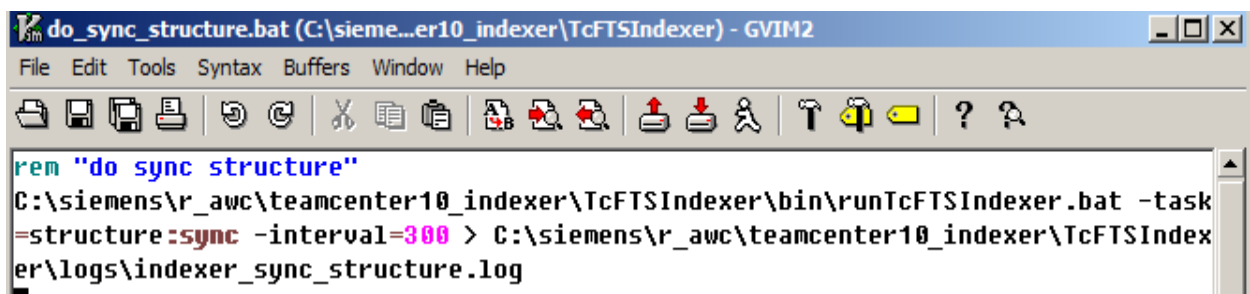


SIEMENS

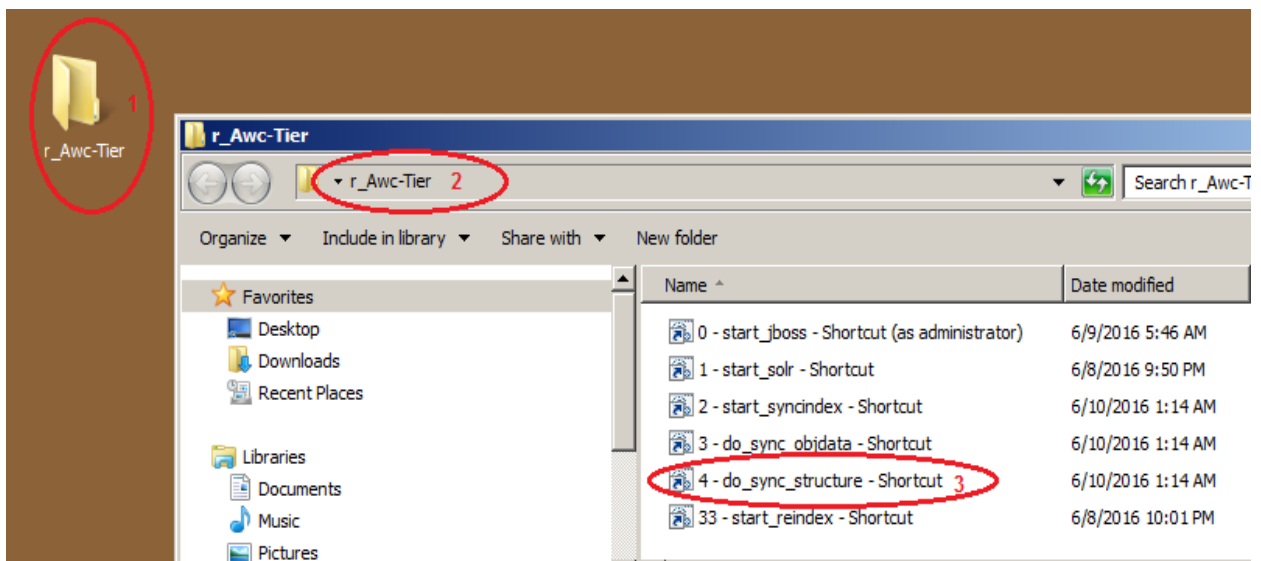
- Make scripts for do sync structure
 - Create do_sync_structure.bat



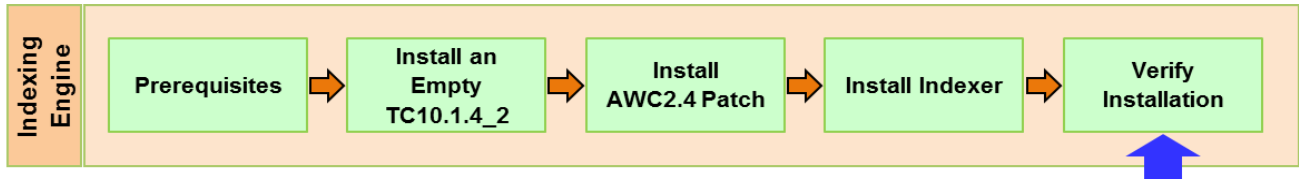
- Edit do_sync_structure.bat



- Create a shortcut for do_sync_structure.bat, in the folder r_Awc-Tier on desktop



2.3.6 Verify Installation



Verification steps:

- Start Database Server (see Section 5.1.1)
- Start Teamcenter (see Section 5.1.2)
- Start Solr (see Section 5.1.3)
- Log on tc10sit as os user r_awc/r_awc
- Verify Connectivity
 - Run runTcFTSIndexer.bat

```

cmd
C:\siemens\r_awc\teamcenter10_indexer\TcFTSIndexer\bin>runTcFTSIndexer.bat -task=objdata:test_
  
```

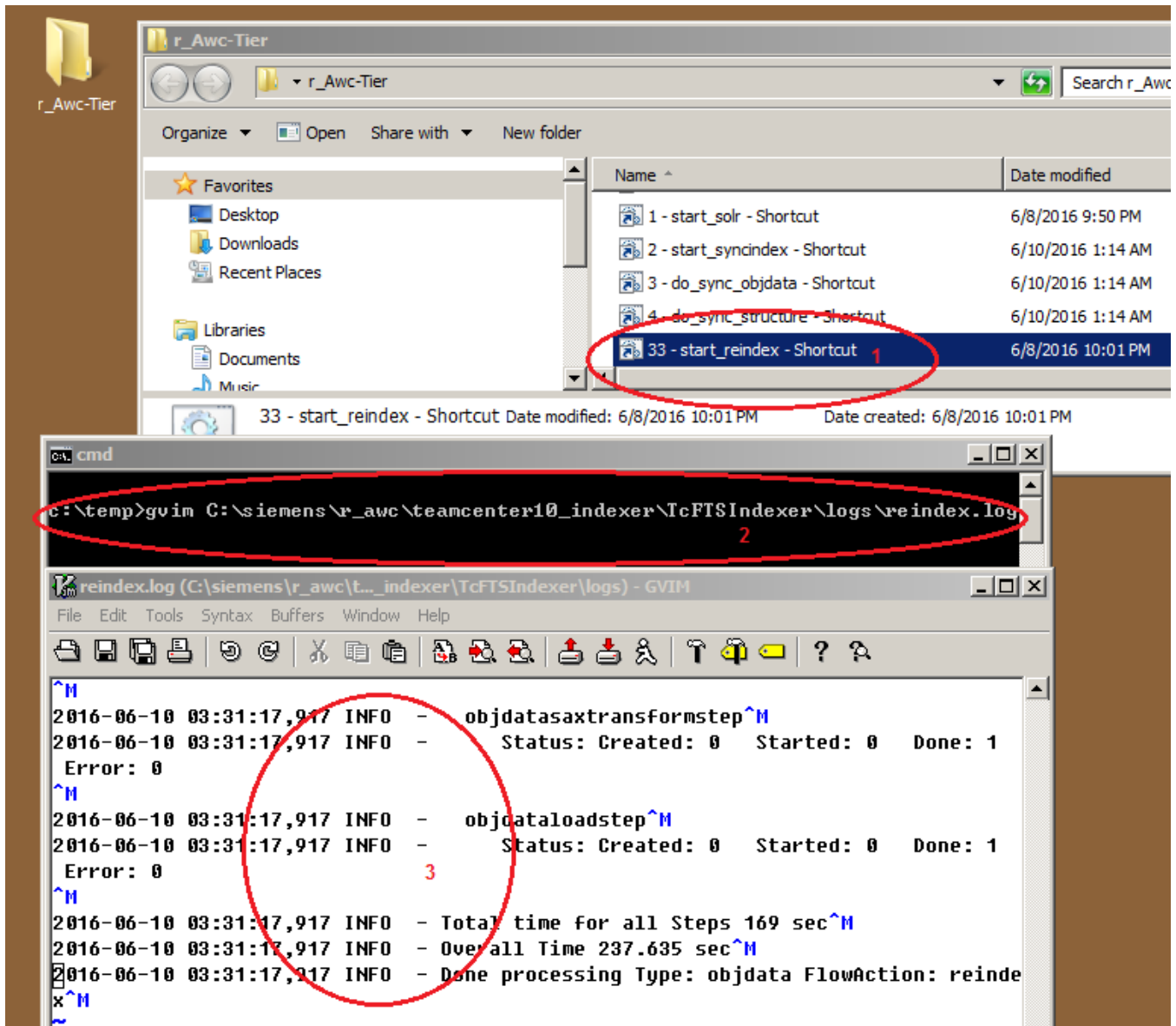
- Verify the connectivity.

```

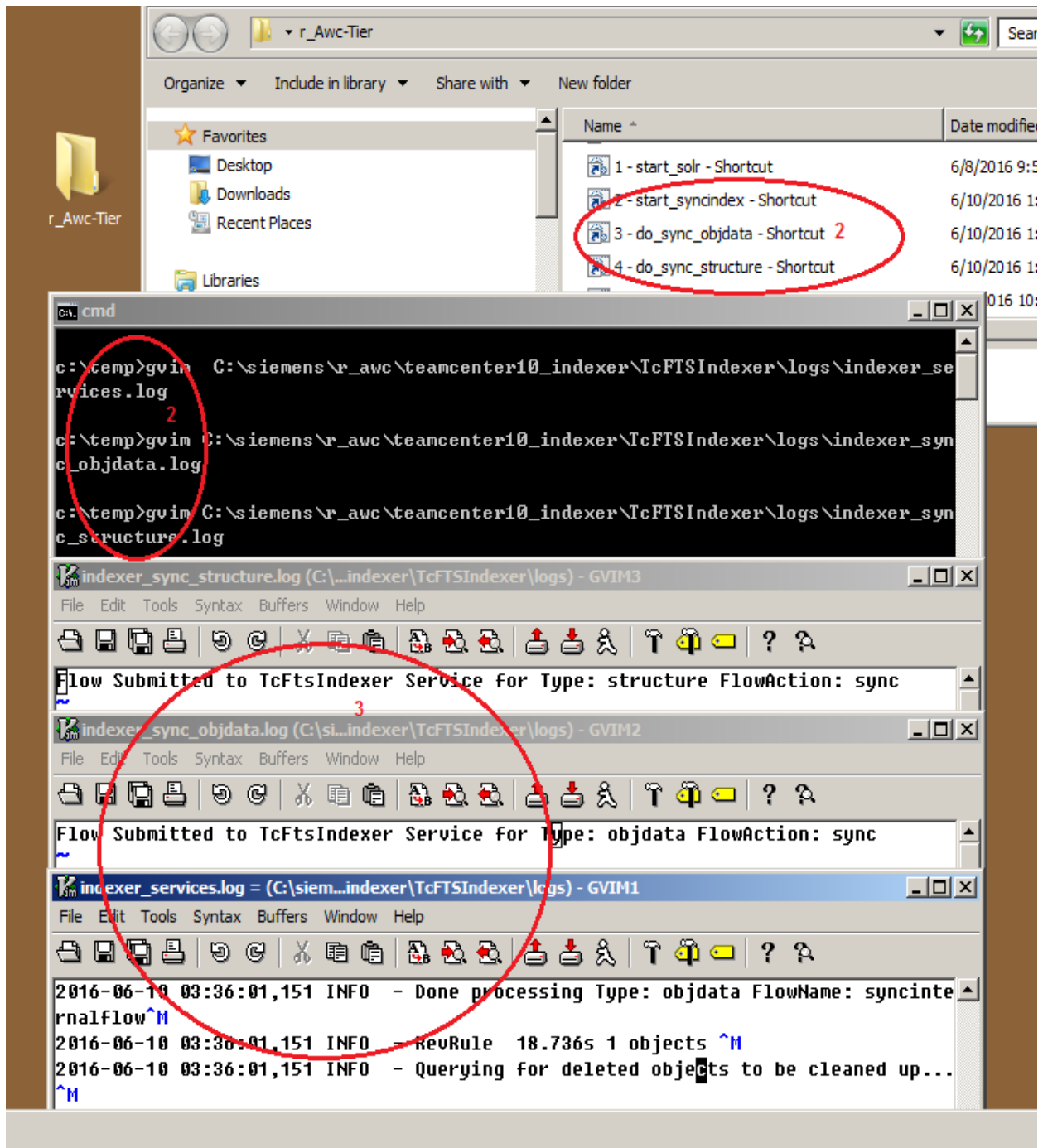
cmd
C:\siemens\r_awc\teamcenter10_indexer\TcFTSIndexer\bin>runTcFTSIndexer.bat -task=objdata:test
2016-06-08 22:18:09,179 INFO - Running TcFtsIndexer Type: objdata FlowAction: test
2016-06-08 22:18:09,569 INFO - setting Max Connections to: 3
2016-06-08 22:21:17,456 ERROR - SOA_SERVER_RETURNED_ERROR: The instance is out of synchronization with its ULAs.
The value for the property "fnd0isTrueConditions" could not be retrieved.
End of Message for Current Service Data
2016-06-08 22:21:17,456 WARN - Connection to Tc failed. <Attempt 1 of 5.>
2016-06-08 22:21:17,456 INFO - Sleeping for 5000 milliseconds
2016-06-08 22:21:32,510 INFO - Downloading 'FTSIndexer Files' Dataset files for 'objdata' indexer...
2016-06-08 22:21:36,535 INFO - Teamcenter 4 tier server status: OK
2016-06-08 22:21:36,535 INFO - FMS status : OK.
2016-06-08 22:21:36,800 INFO - Solr server status: OK
2016-06-08 22:21:39,889 INFO - Transform configuration: OK
2016-06-08 22:21:39,889 INFO - Test successful.
2016-06-08 22:21:39,889 INFO - Total time for all Steps 3 sec
2016-06-08 22:21:39,889 INFO - Overall Time 210.694 sec
2016-06-08 22:21:39,889 INFO - Done processing Type: objdata FlowAction: test
C:\siemens\r_awc\teamcenter10_indexer\TcFTSIndexer\bin>
  
```

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- Verify run re-indexing
 - Double click the shortcut to run re-indexing.
 - Open the log file.
 - Review the log file



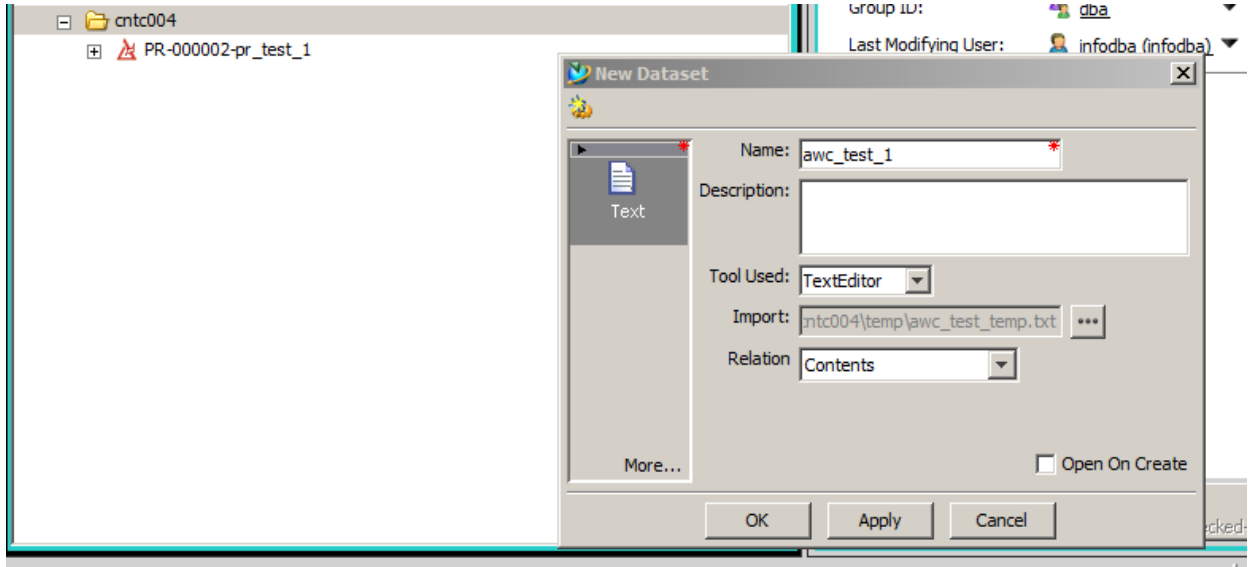
- Verify running index synchronization



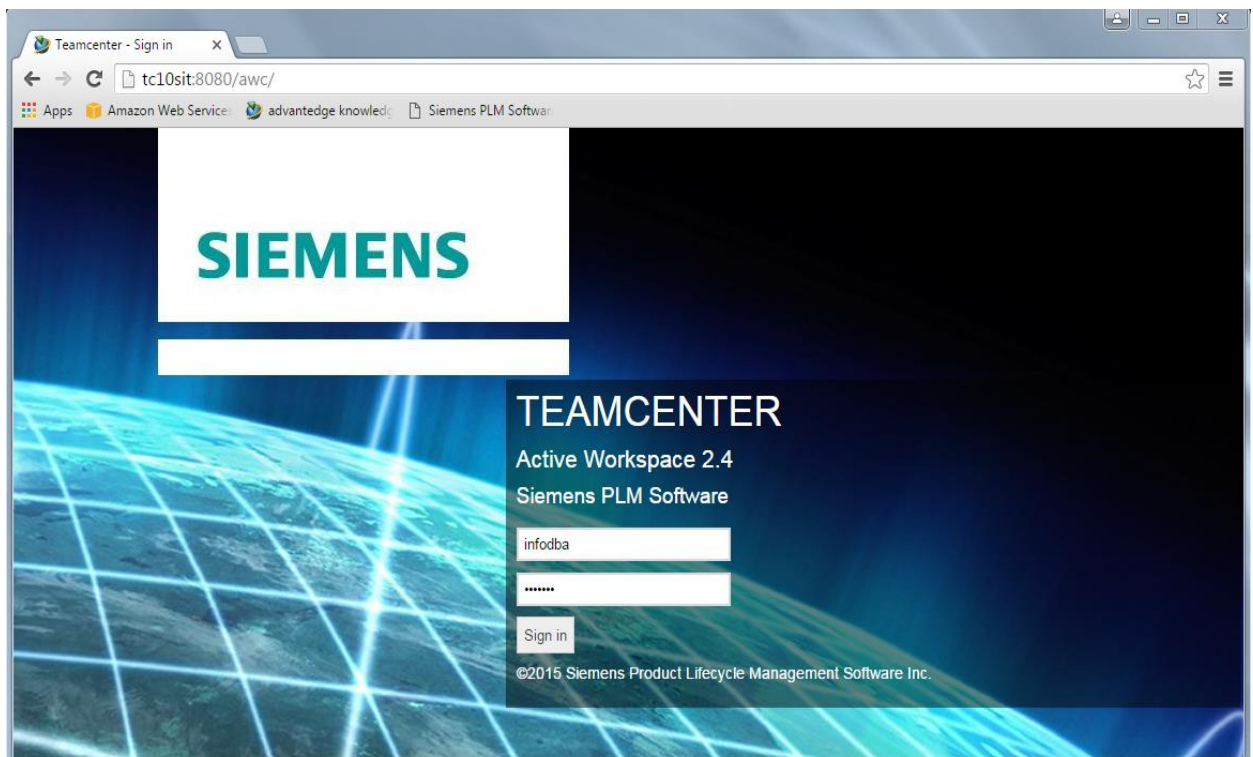
SIEMENS

➤ Verify Indexing Synchronization with AWC Client.

- Run Rich Client as *infodba*, and create a dataset *awc_test_dataset*.

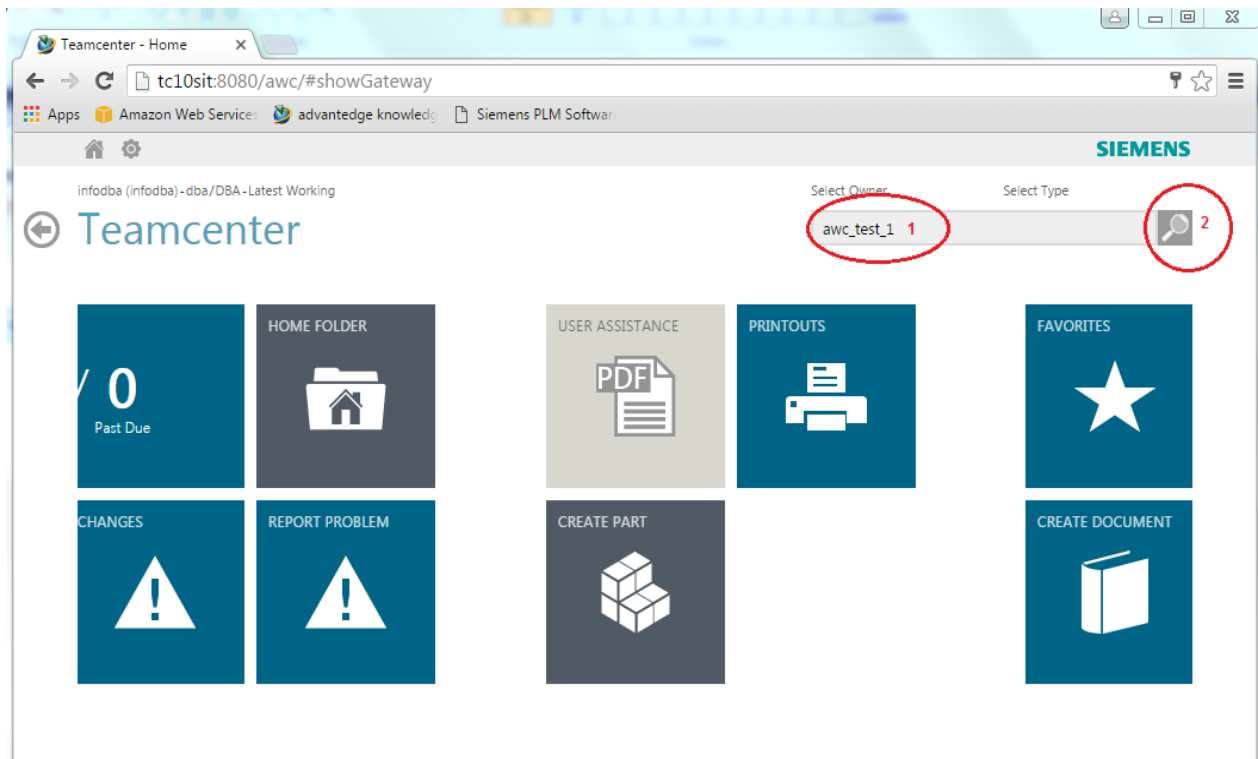


- Open a browser to run AWC client (<http://tc10sit:8080/awc>), and login in Teamcenter as infodba/infodba.

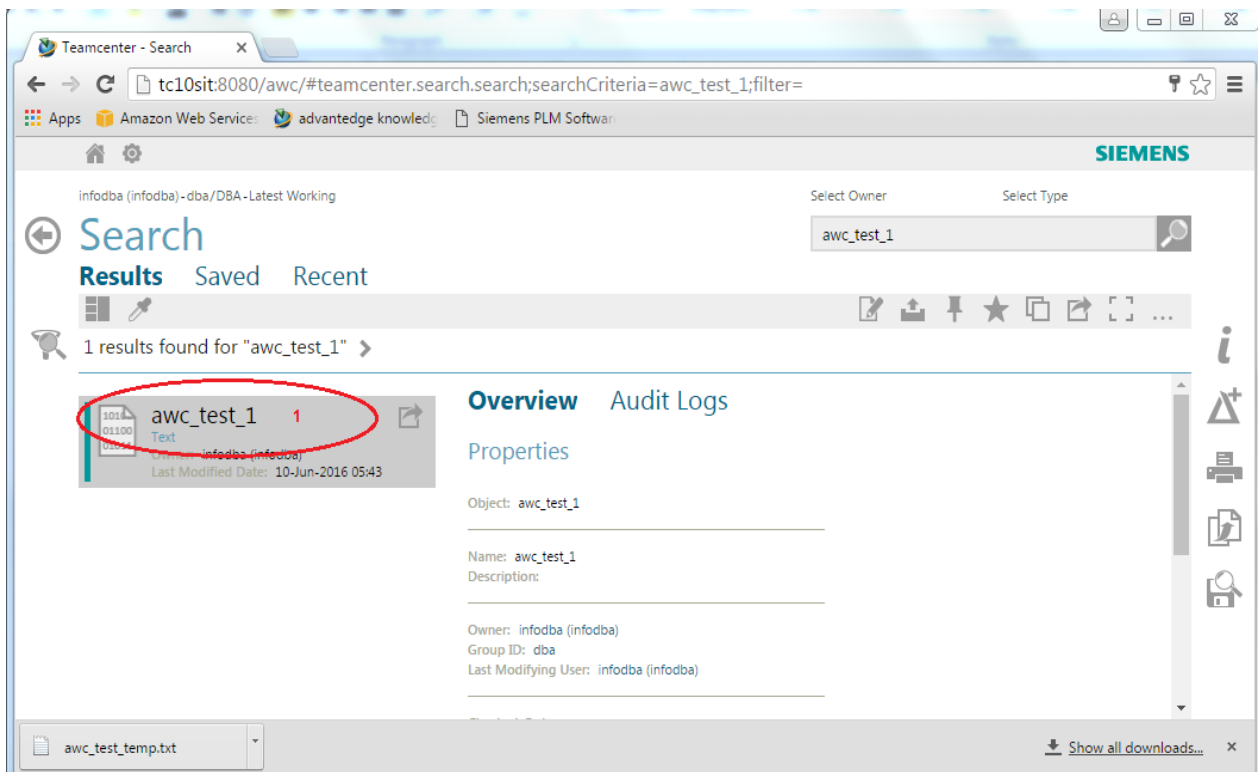


SIEMENS

- In AWC client, search for awc_test_1

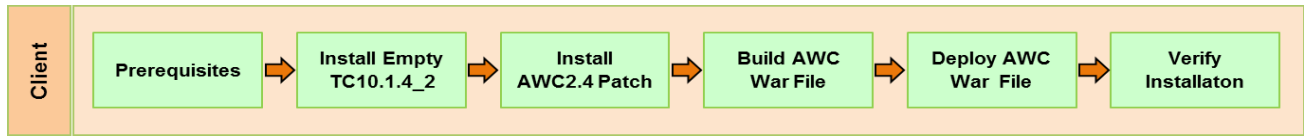


- The dataset awc_test_1 is displayed.

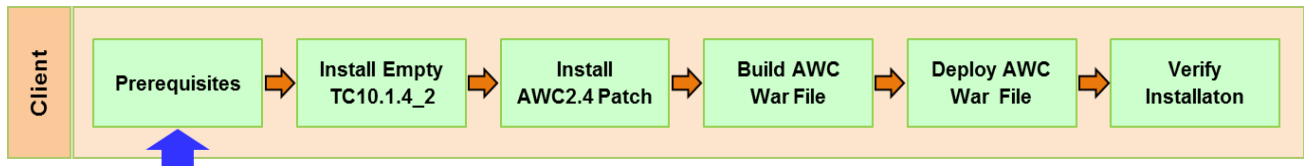


2.4 INSTALL AND DEPLOY AWC CLIENT

2.4.1 Installation Process Overview



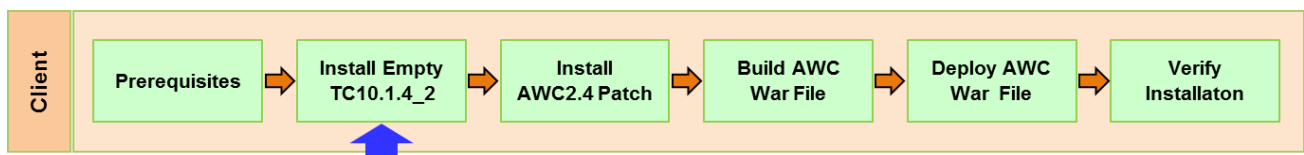
2.4.2 Prerequisites



Prerequisites:

Java	• JAVA_HOME=C:\apps\Java\jdk1.7.0_55 • JRE64_HOME=C:\Program Files\Java\jre7
Teamcenter	• 4-tier URL: http://tc10win:8080/tc • Bootstrap FSC URL: http://tc10win:4544/

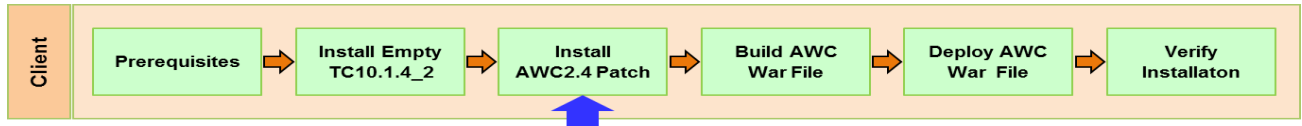
2.4.3 Install Empty TC10.1.4_2



Installation steps:

- Refer to the Section 2.2.3 for the installation steps.
- The machine for AWC Client installation (called AWC Build machine) is not covered in this document for practice. It is a 64-bit Windows machine, with at least 8G memory.
- c:\siemens\r_awc\teamcenter10_indexer
- After installation, change **Start->All Programs->Teamcenter 10** to **Start->All Programs->Teamcenter 10_awcclnt**

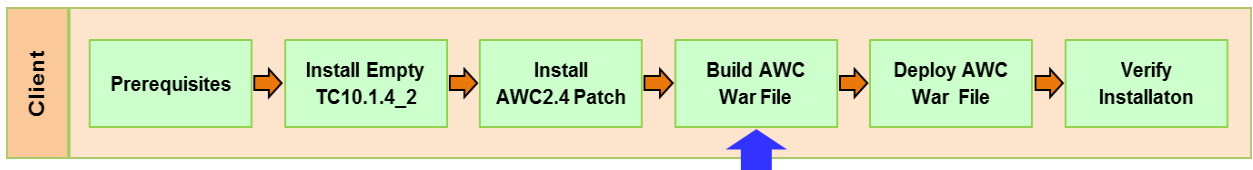
2.4.4 Install AWC 2.4 Patch



Installation steps:

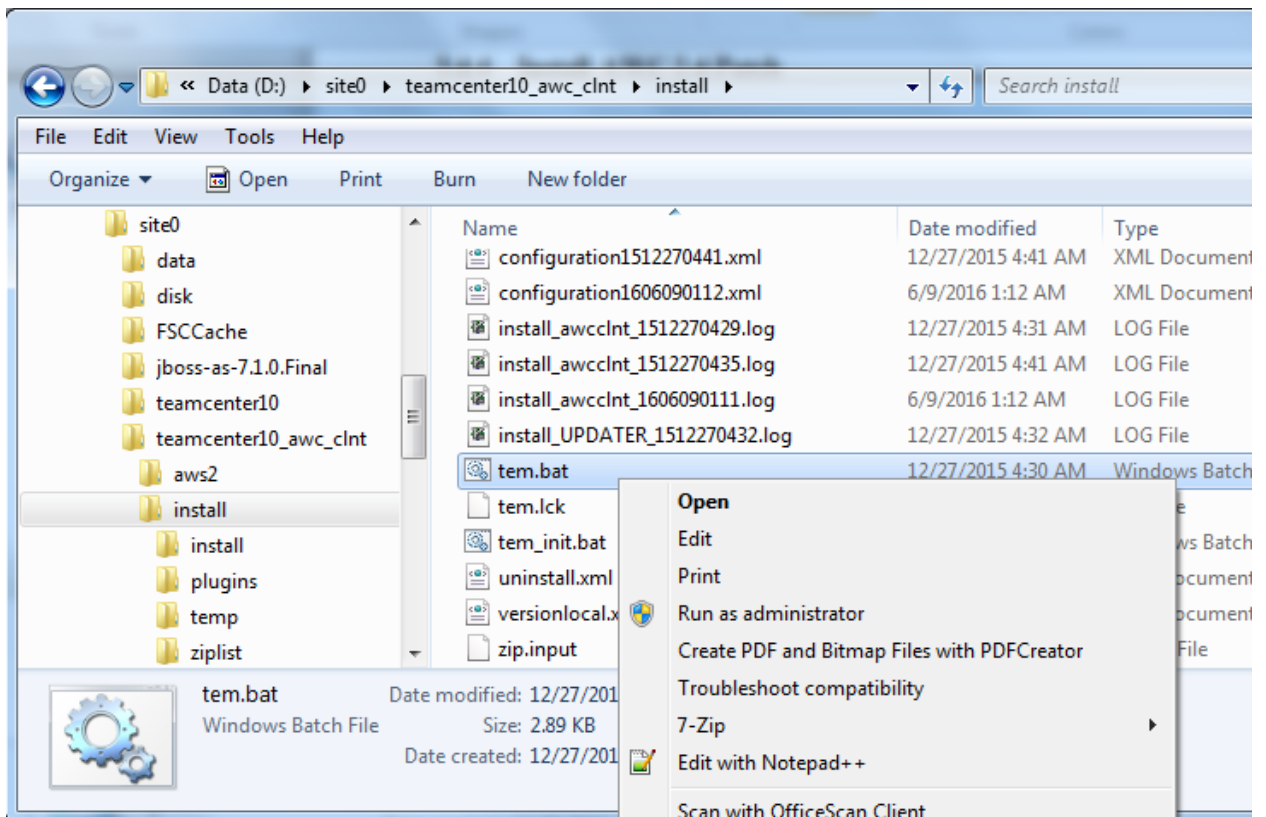
- Same steps as in Section 2.2.4

2.4.5 Build AWC WAR File

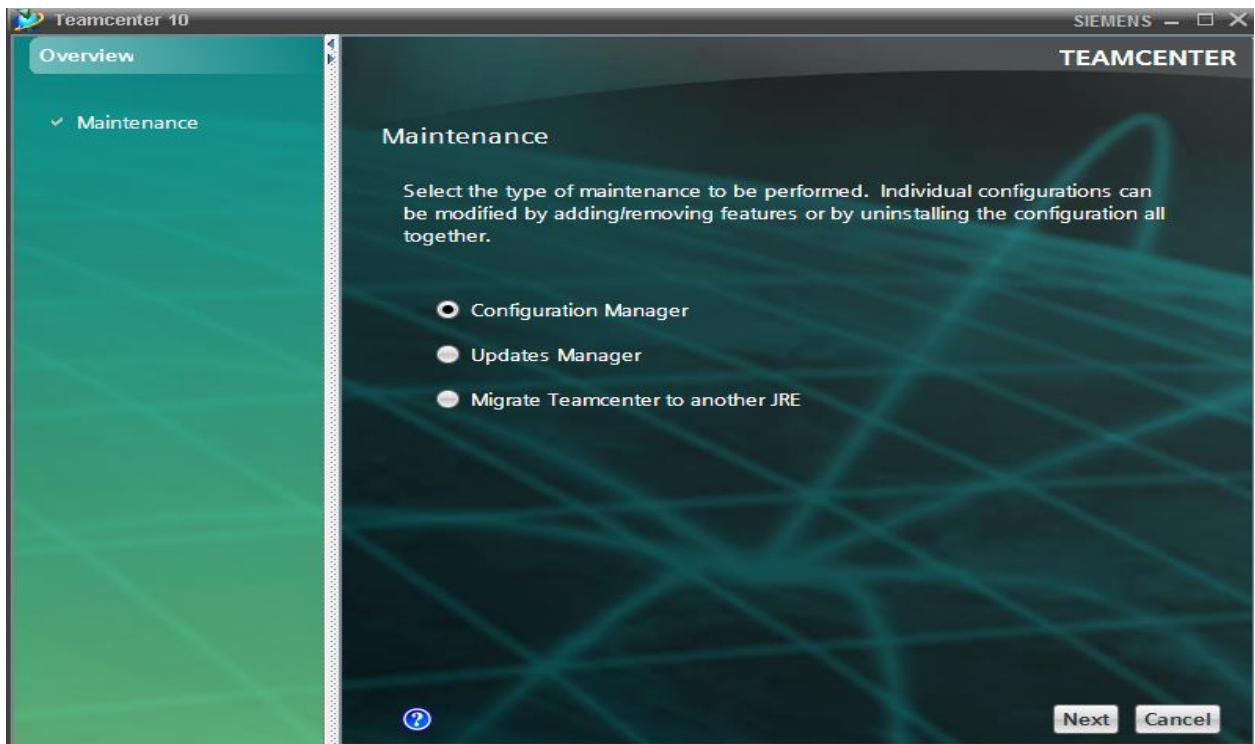


Build steps:

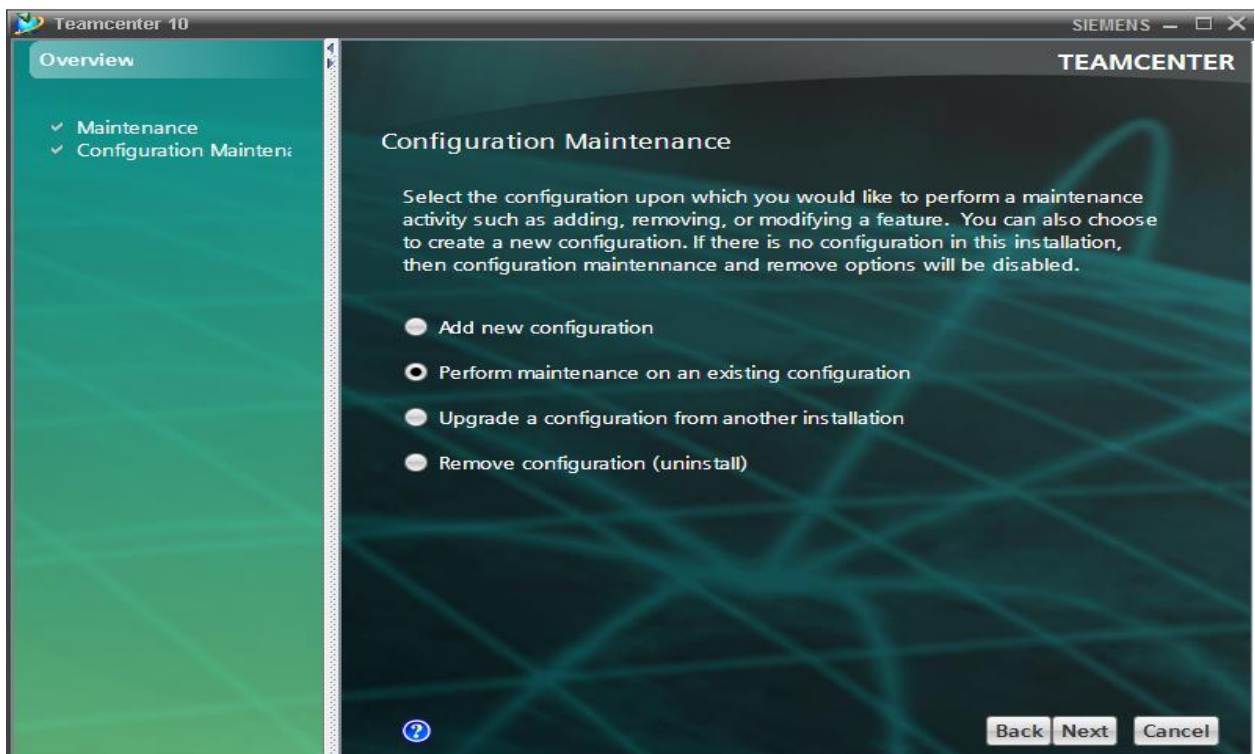
- Log on to AWC client build machine (your host machine for instance).
- Start TEM



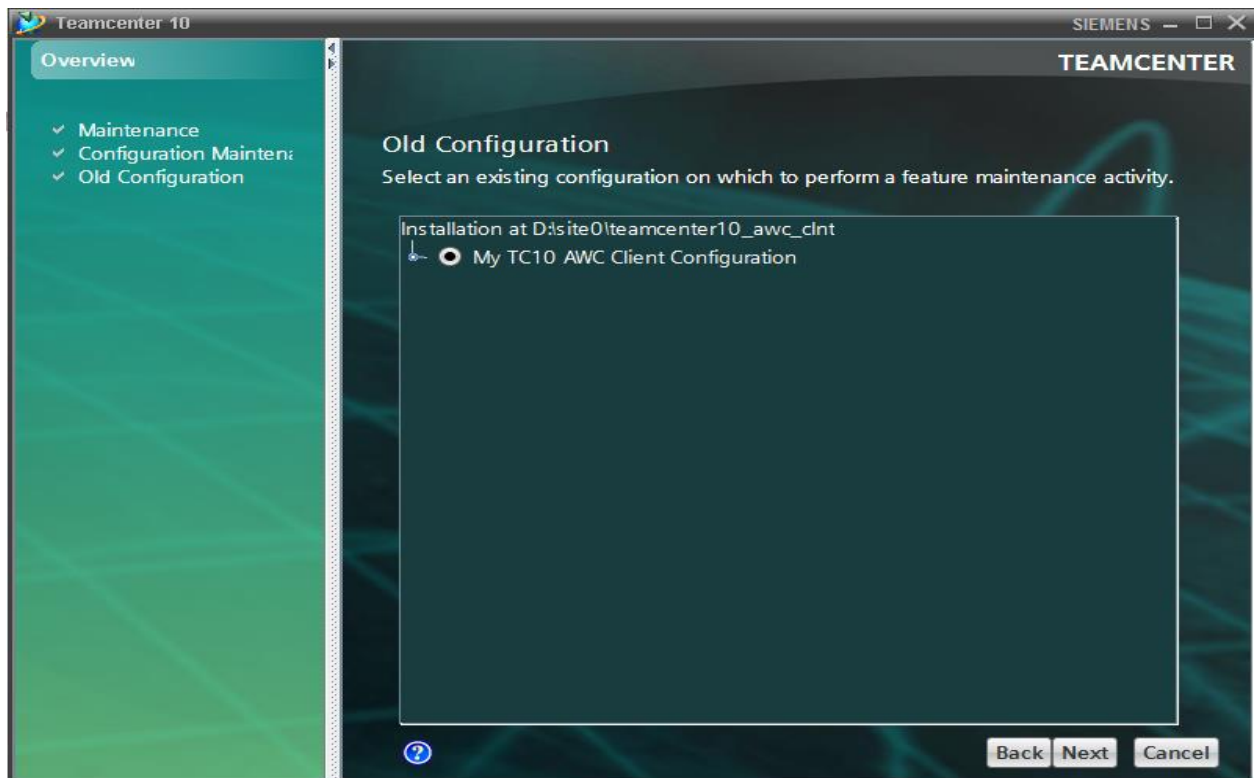
- In the Maintenance dialog window, check the Configuration Manager, then Next.



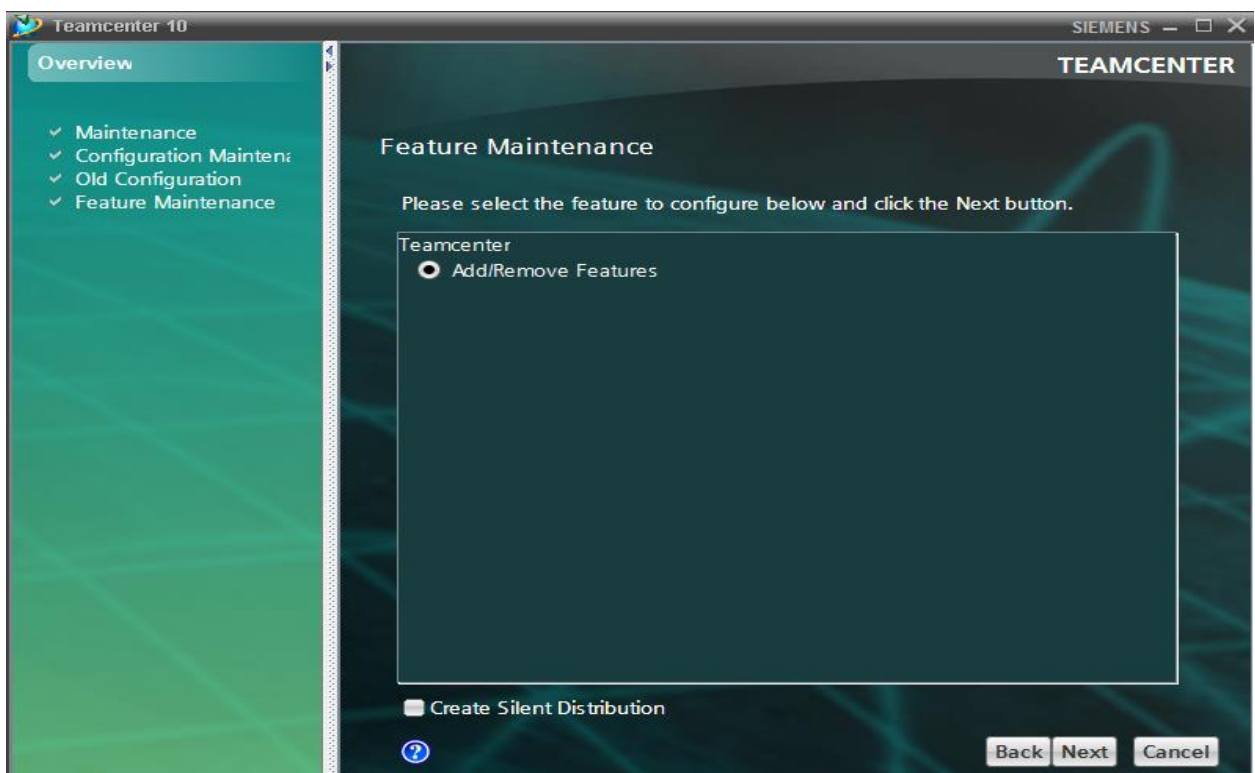
- In the Configuration Maintenance dialog window, check the Perform maintenance on an existing configuration, then Next.



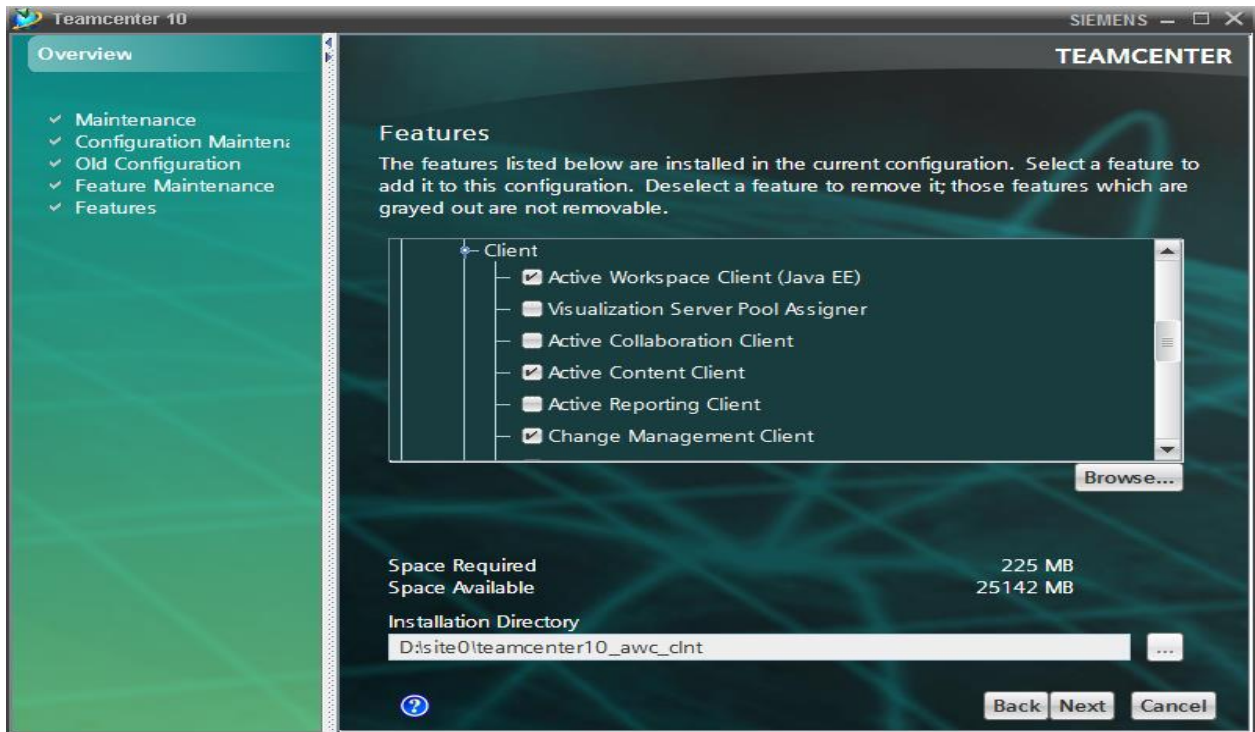
- In the Old Configuration dialog window, click Next.



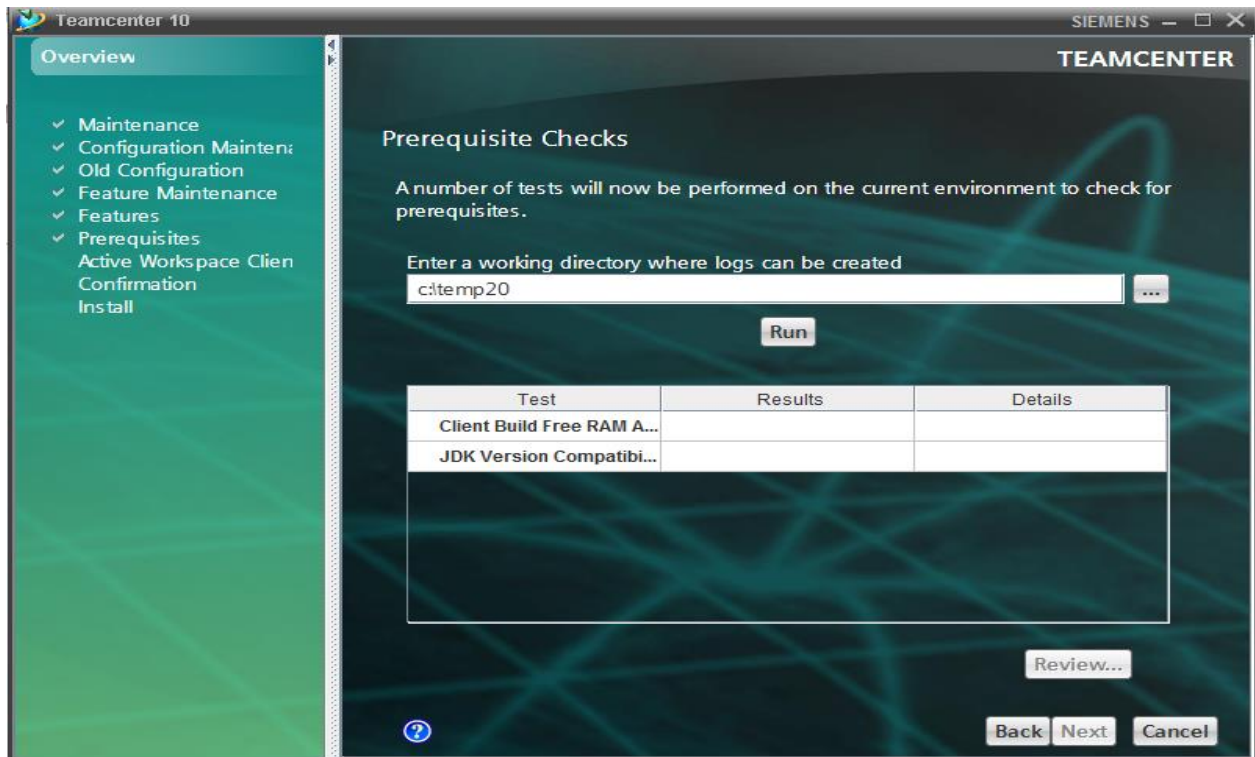
- In the Feature Maintenance dialog window, click on Next.



- In the Features dialog window, check 3 AWC client components, then Next.

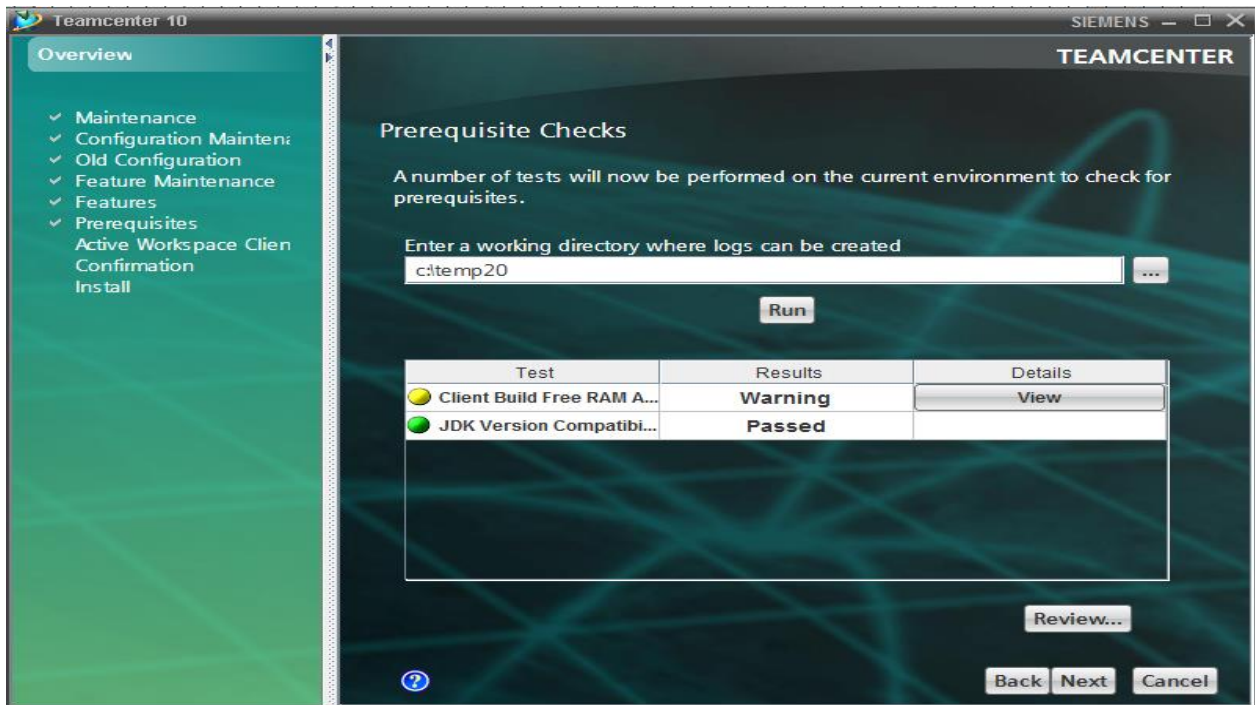


- In the Prerequisites Checks dialog window, fill the **Enter a working directory where log can be created** box, then Run.

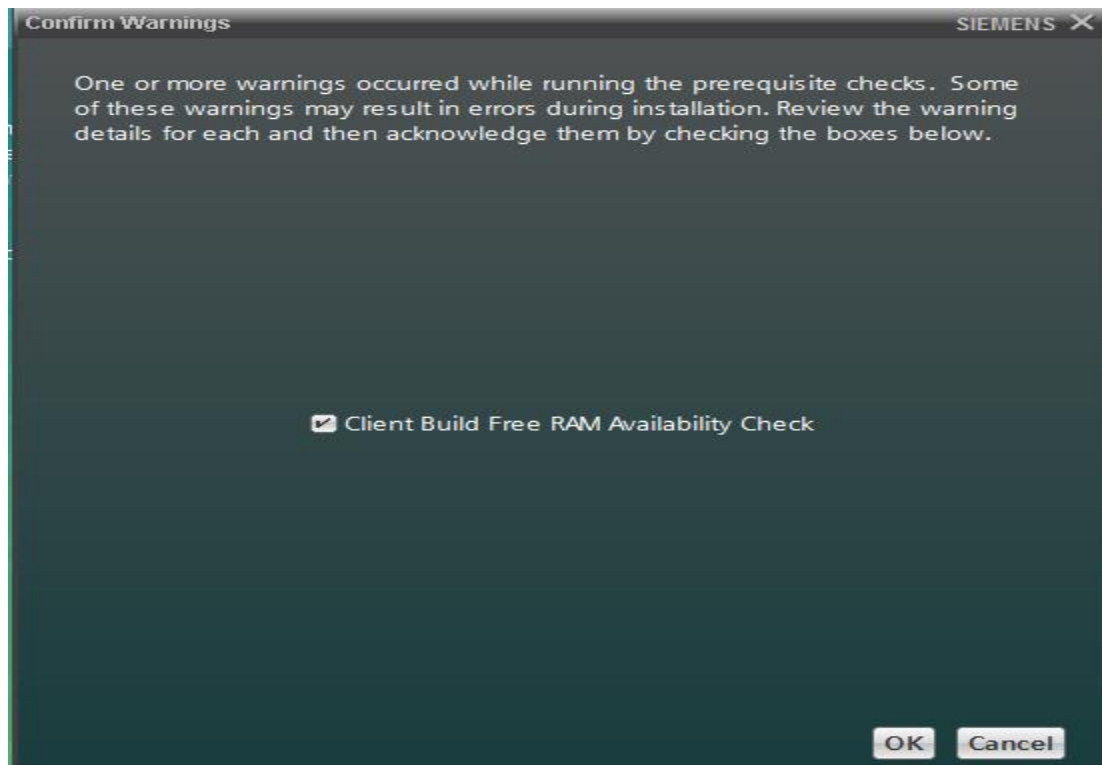


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- After all checks passed, click Next.

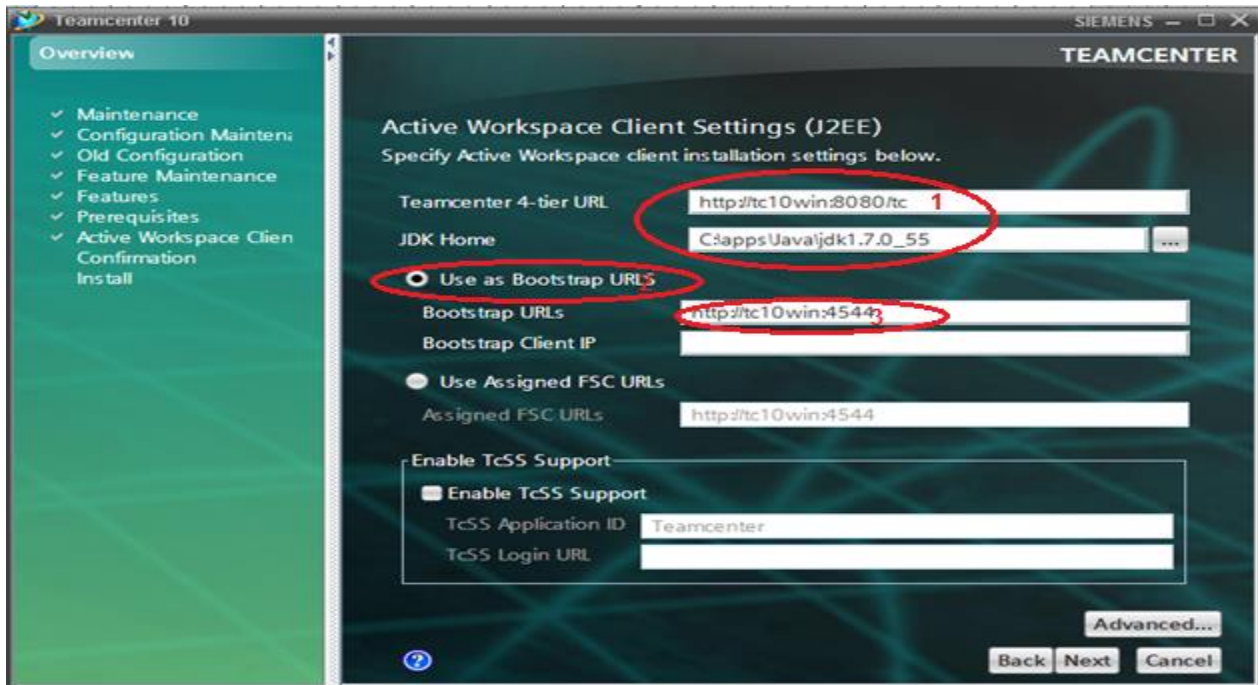


- In the Confirm Warning dialog window, check the **Client Build Free RAM Availability** check dialog box, then OK.

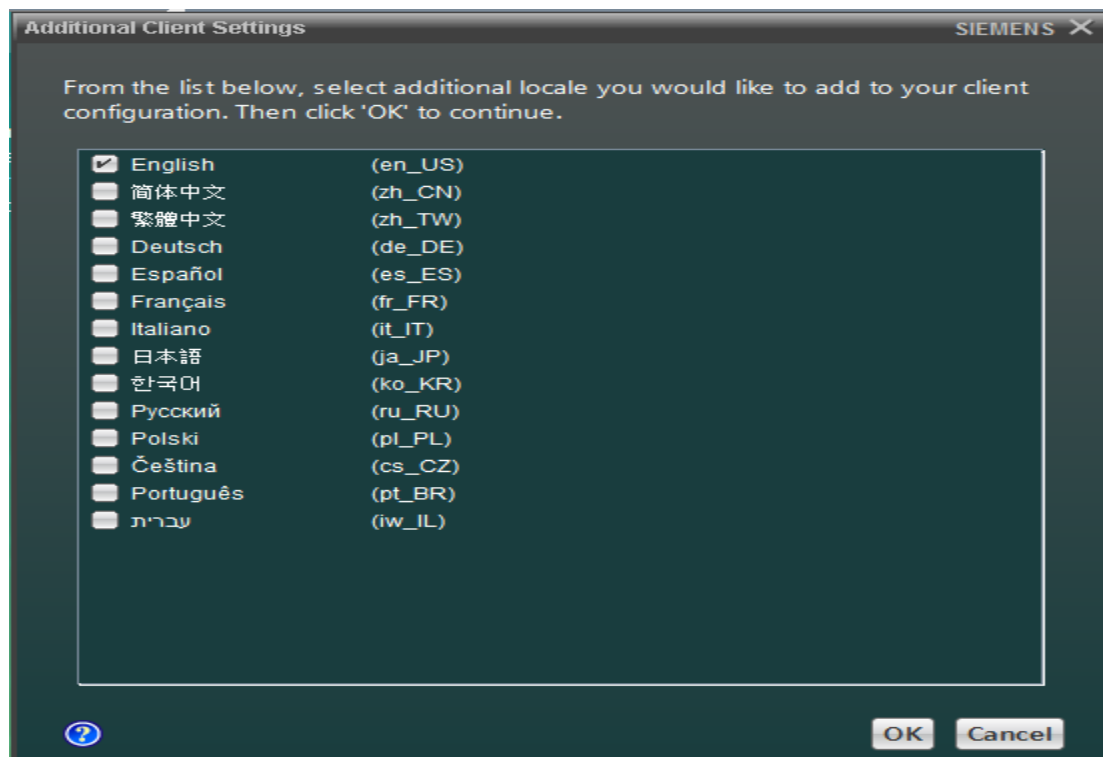


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- In the Active Workspace Client Settings (J2EE) dialog box, fill in the required boxes, then click Advanced...



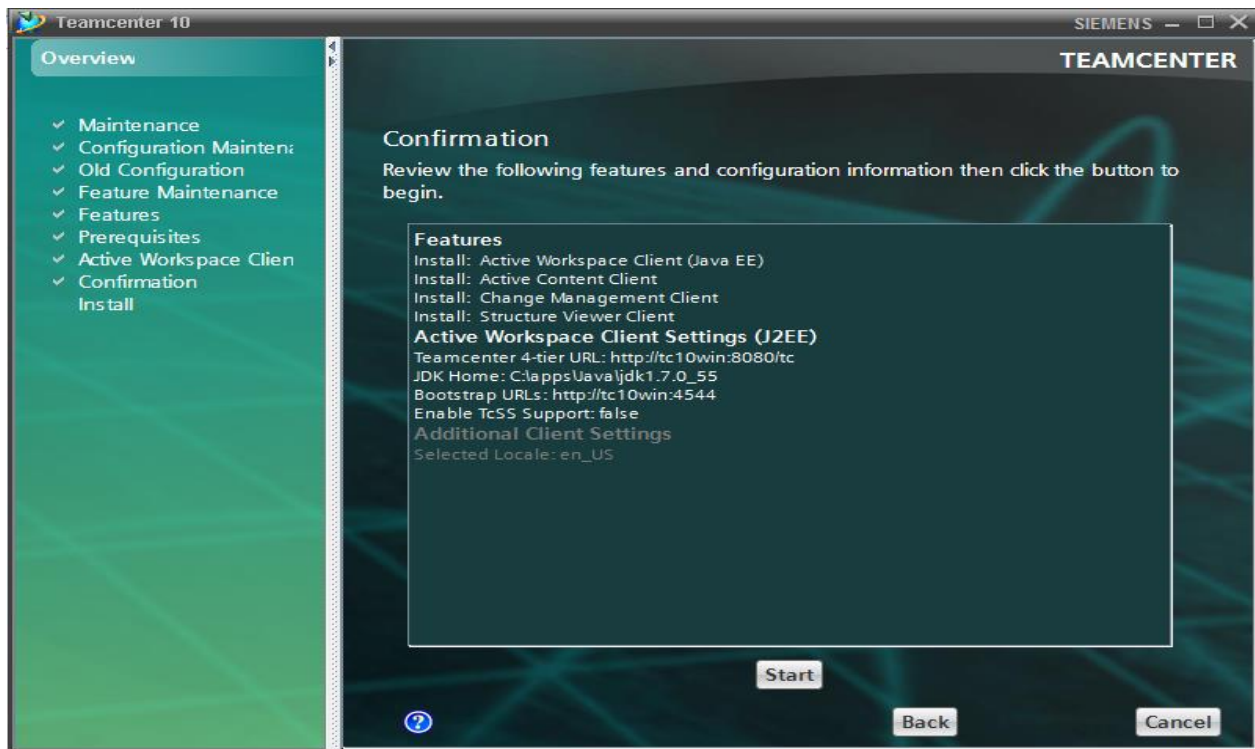
- In the Additional Client Settings dialog window, check English, then OK



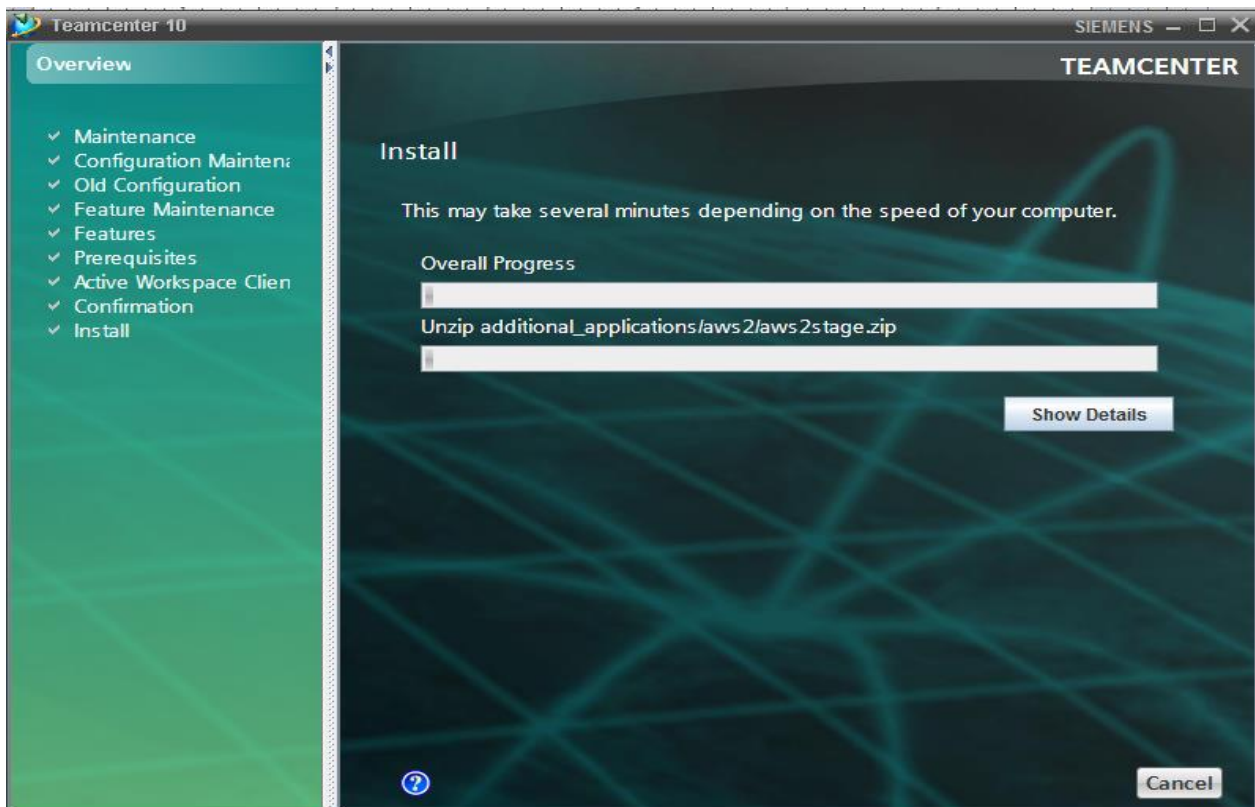
- In the Active Workspace Client Settings (J2EE) dialog box, click Next

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- In the Confirmation dialog window, click Start.

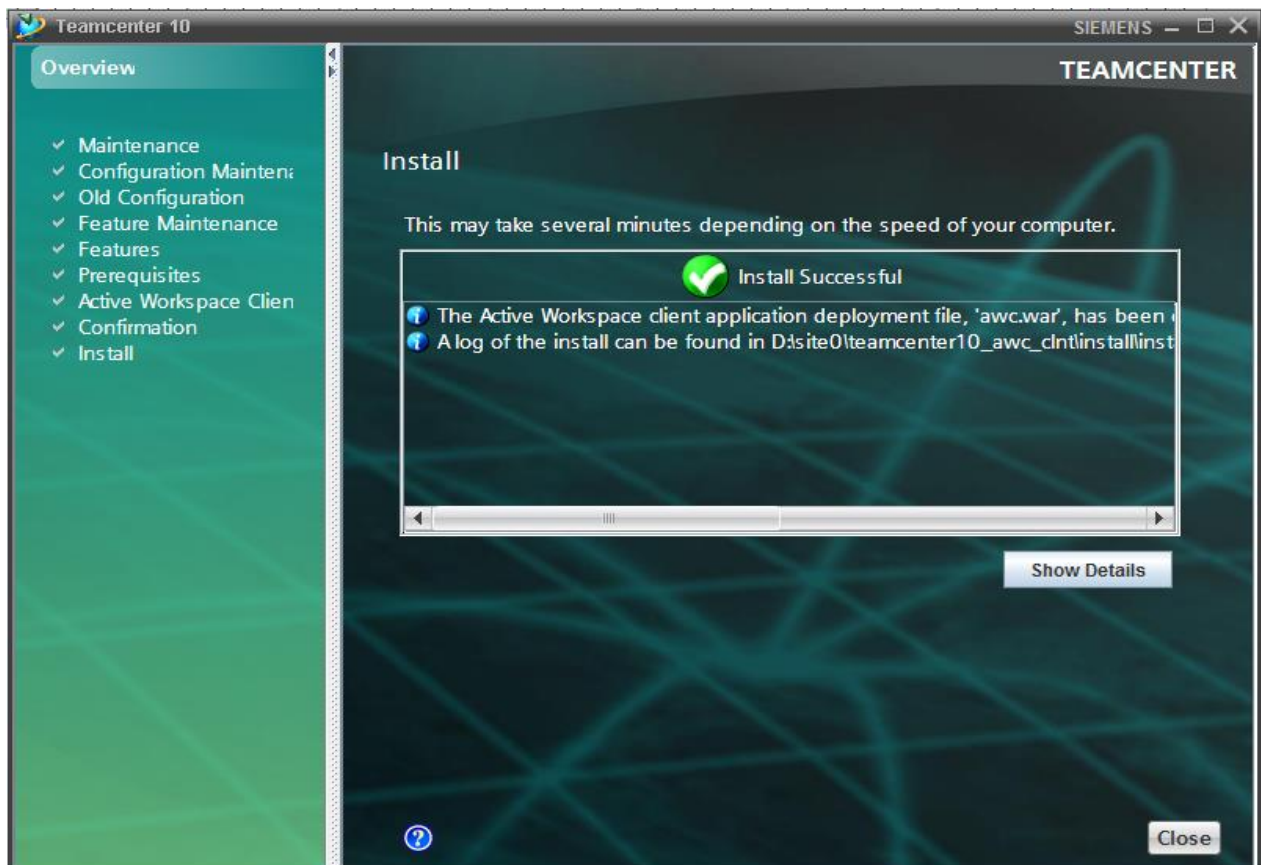


- In the Install window, the status bar appears indicating the process of installation.

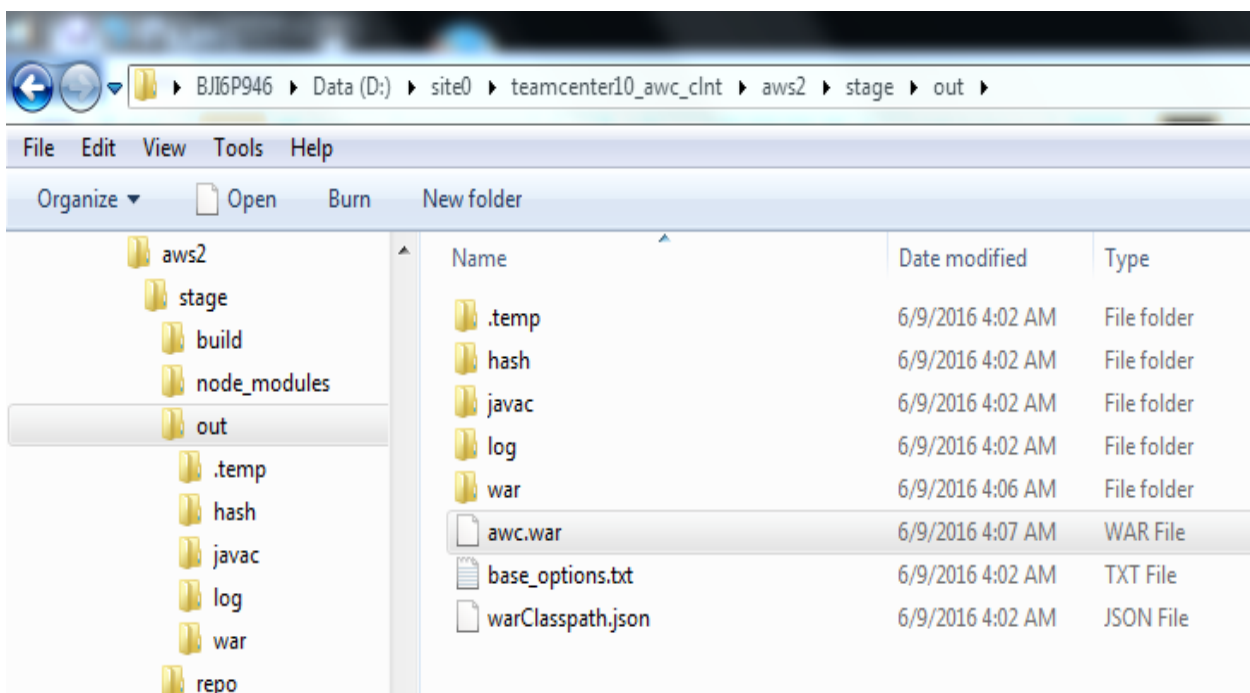


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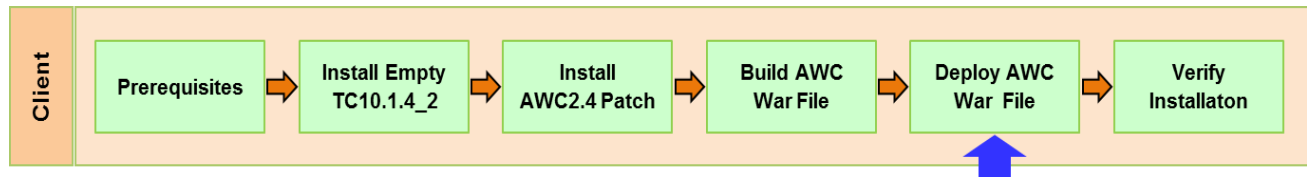
- After Install completes, click Close.



- The AWC client war file is located in directory c:\siemens\teamcenter10\aws2\stage\out

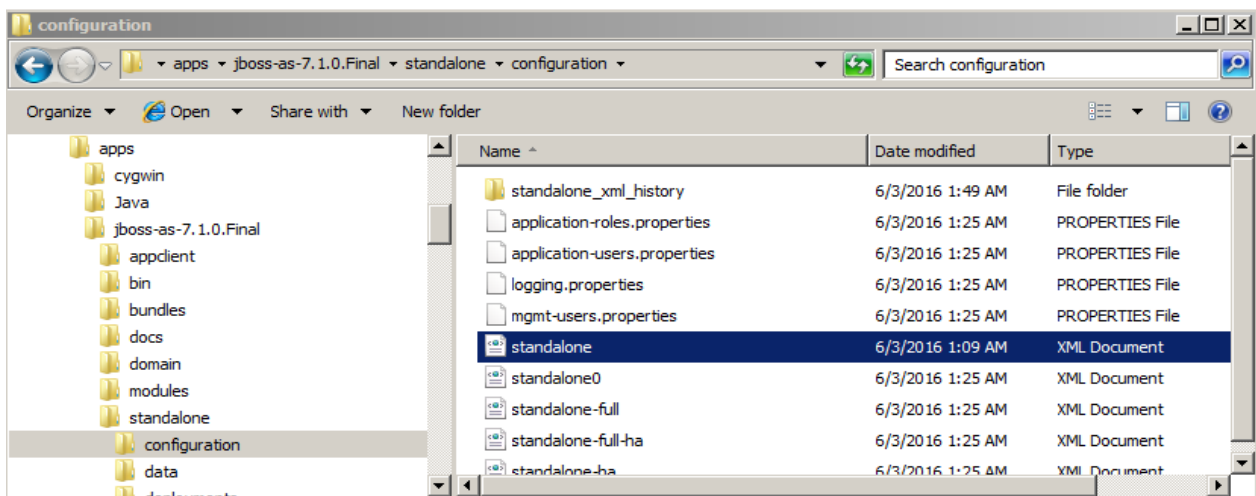


2.4.6 Deploy AWC WAR File

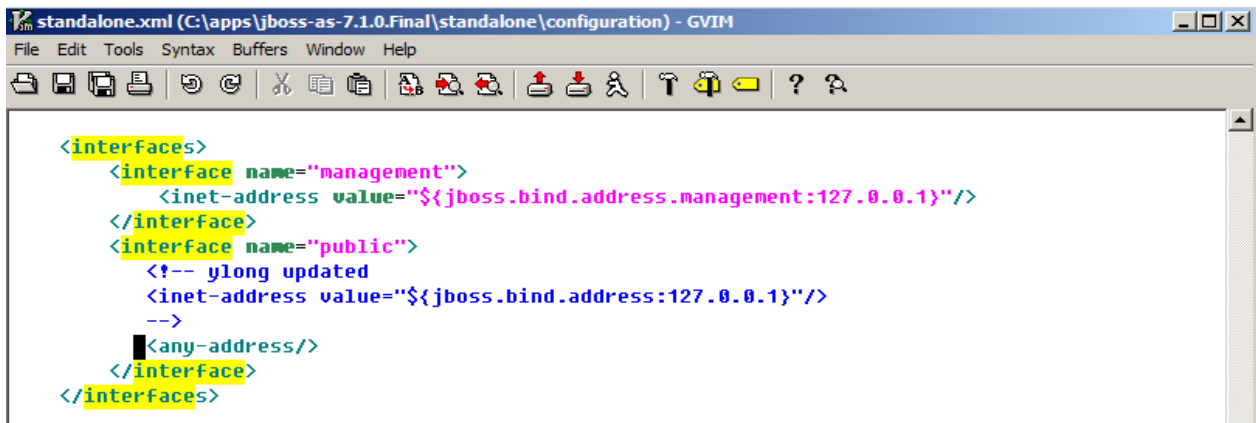


Deploying steps:

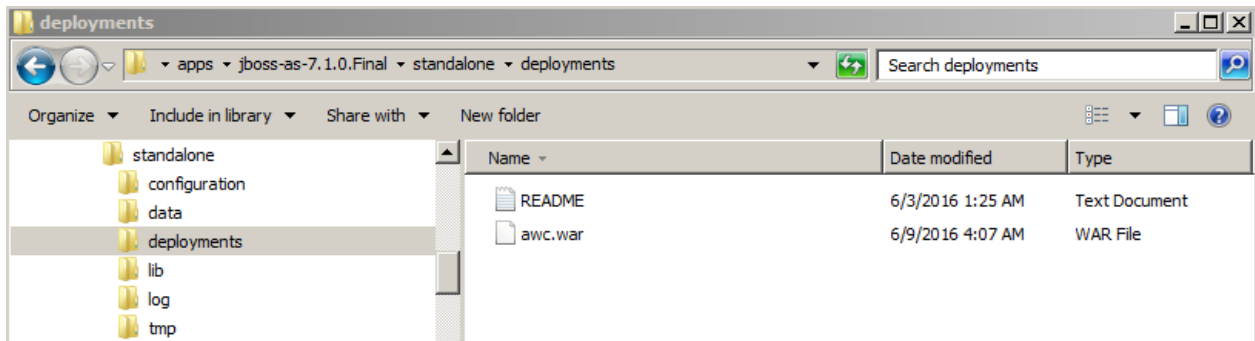
- Log on to tc10sit as r_awc/r_awc
- Install JBoss
 - Install JBoss 7.1 into C:\apps\jboss-as-7.1.0.Final
- Update JBoss configuration.
 - Open configuration file



- Change network interface.

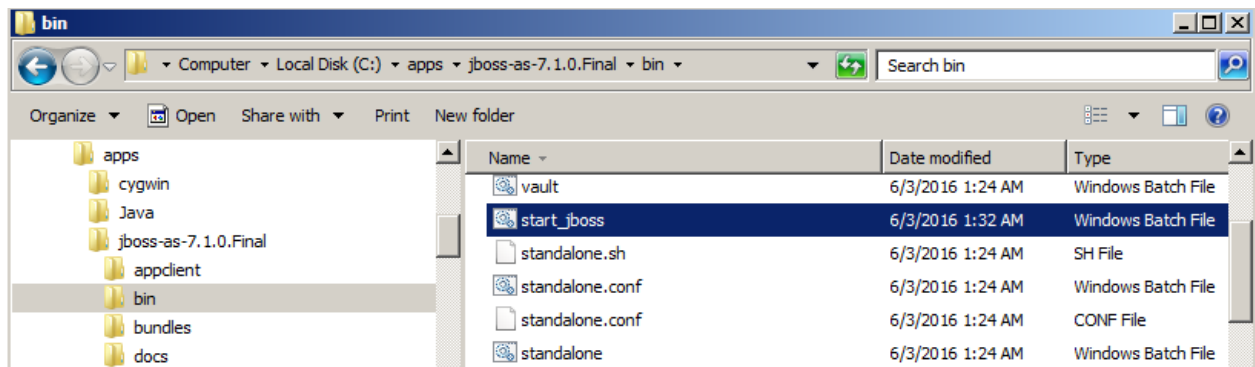


- Deploy awc.war in Jboss, simply put the war file into Jboss deployments directory.



- Create scripts to start Jboss.

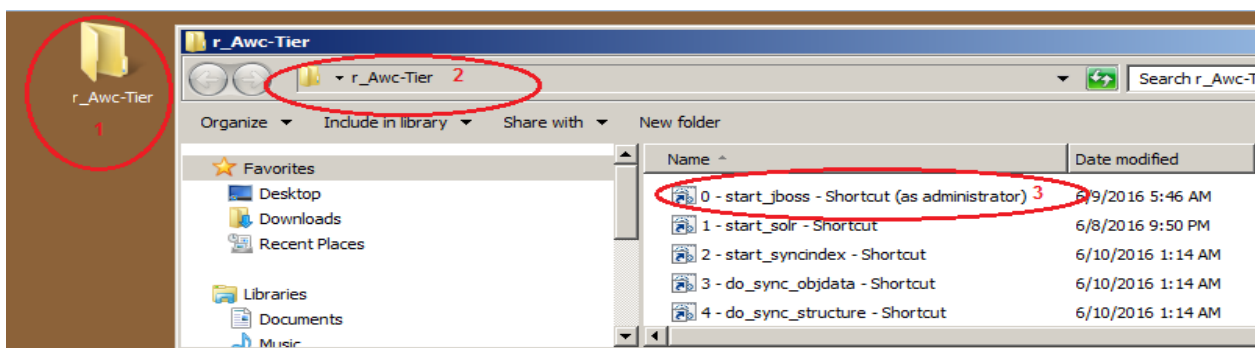
- Create start_jboss.bat



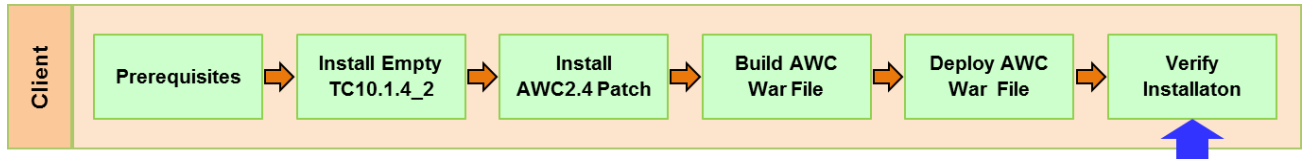
- Edit start_jboss.bat



- Create a shortcut for start_jboss.bat, in the folder r_Awc-Tier on desktop.



2.4.7 Verify Installation



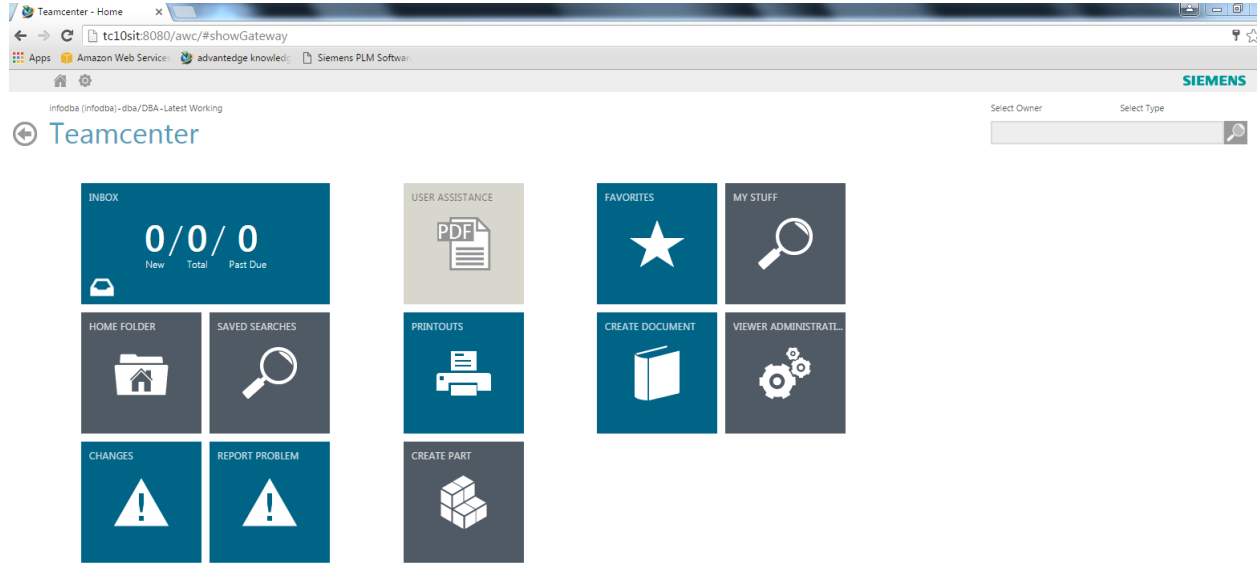
Verification steps:

- Start Database Server (see Section 5.1.1)
- Start Teamcenter (see Section 5.1.2)
- Start AWC Web Application Server (see Section 5.1.3)
- Start Solr (see Section 5.1.4)
- Start Indexer (see Section 5.1.5)
- Verify AWC Client
 - Open a browser which supports HTML5.
 - Run <http://tc10sit:8080/awc/>
 - Login Teamcenter as infodba/infodba



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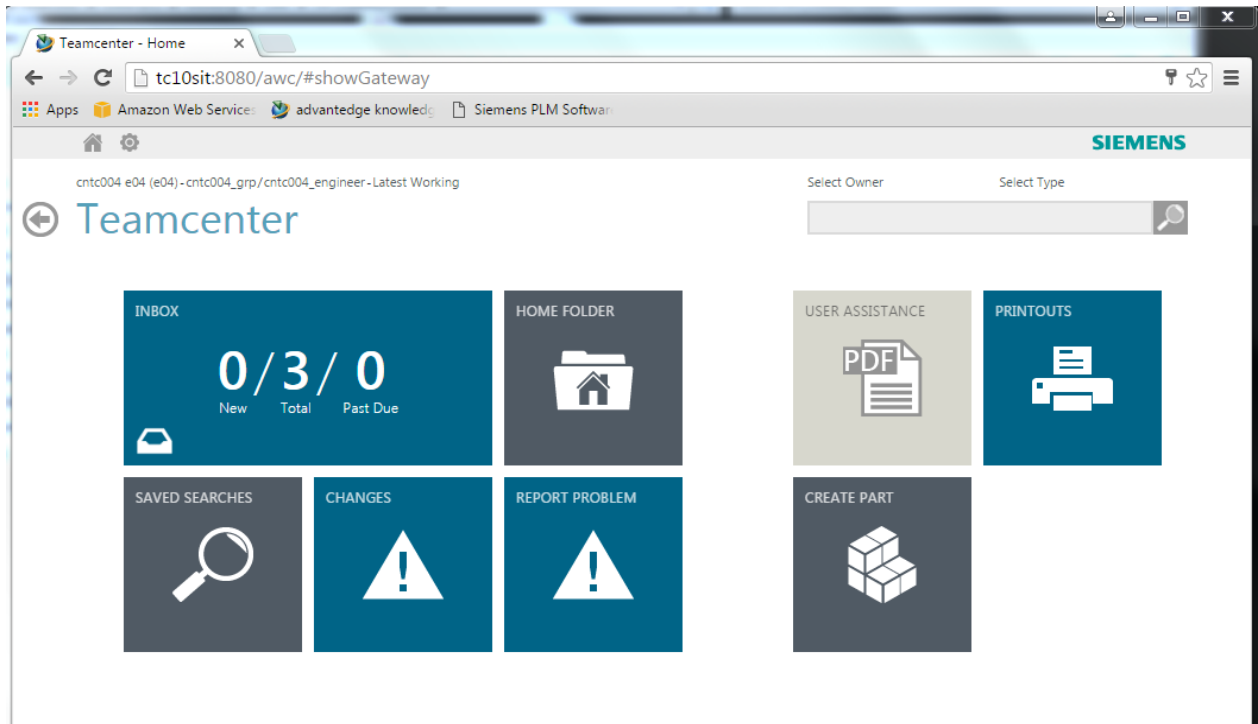
- Then, the AWC home page will be shown up after successfully login.



3 AWC Client Home Page Customization

3.1 CUSTOMIZATION DESIGN

3.1.1 Home Page before Customization



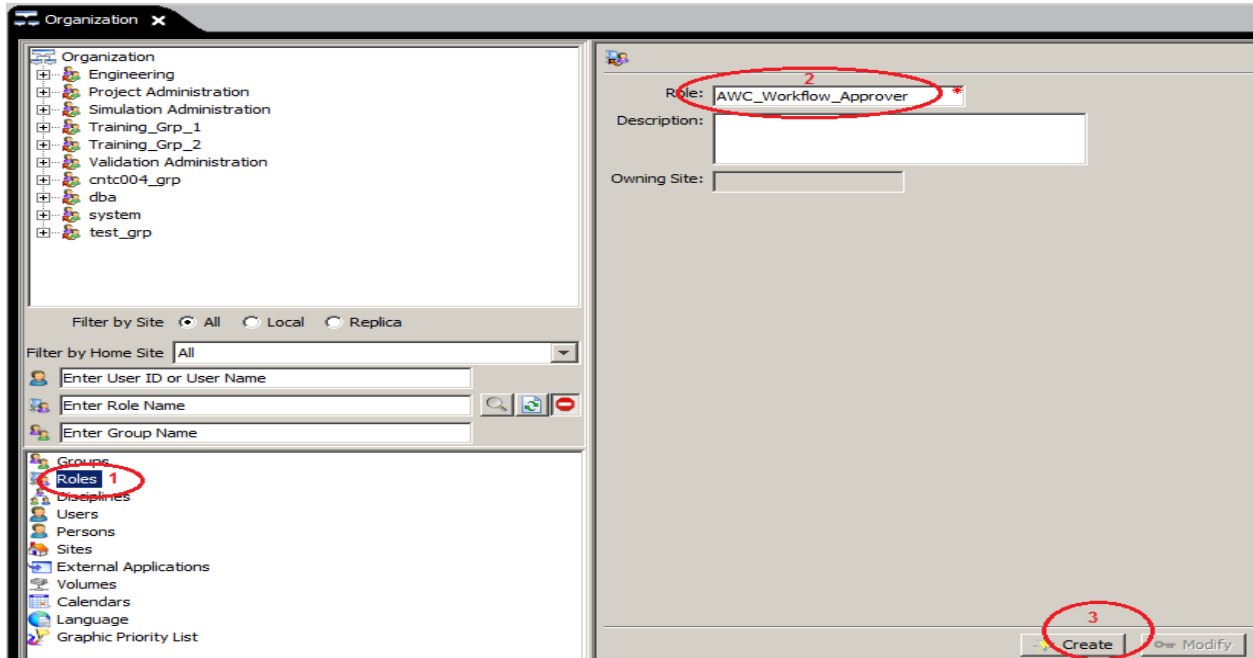
3.1.2 Home Page after Customization



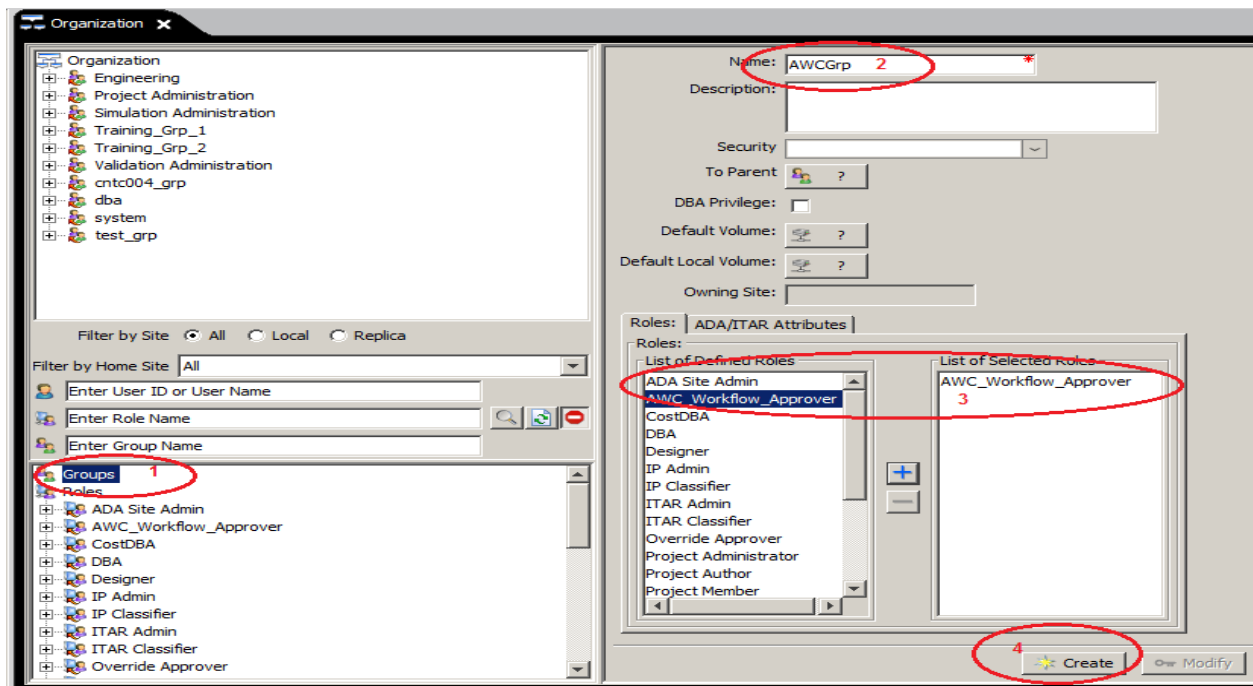
3.2 CUSTOMIZATION FOR A GROUP

3.2.1 Create Role/Group

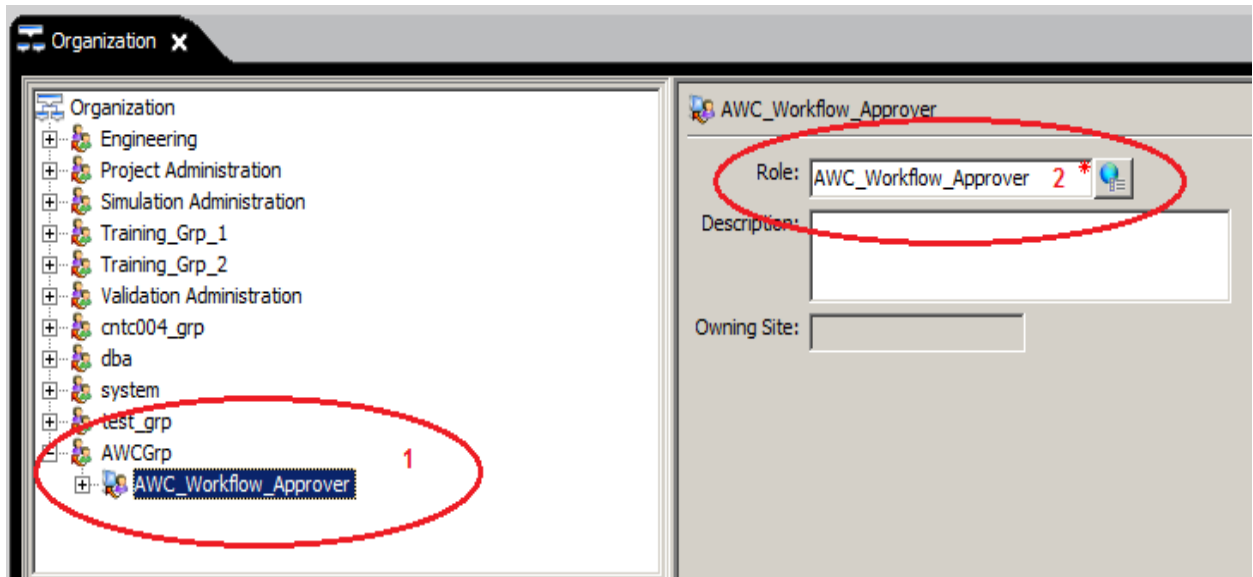
- Login to rich client as infodba/infodba
- Create a role *AWC_Workflow_Approver*



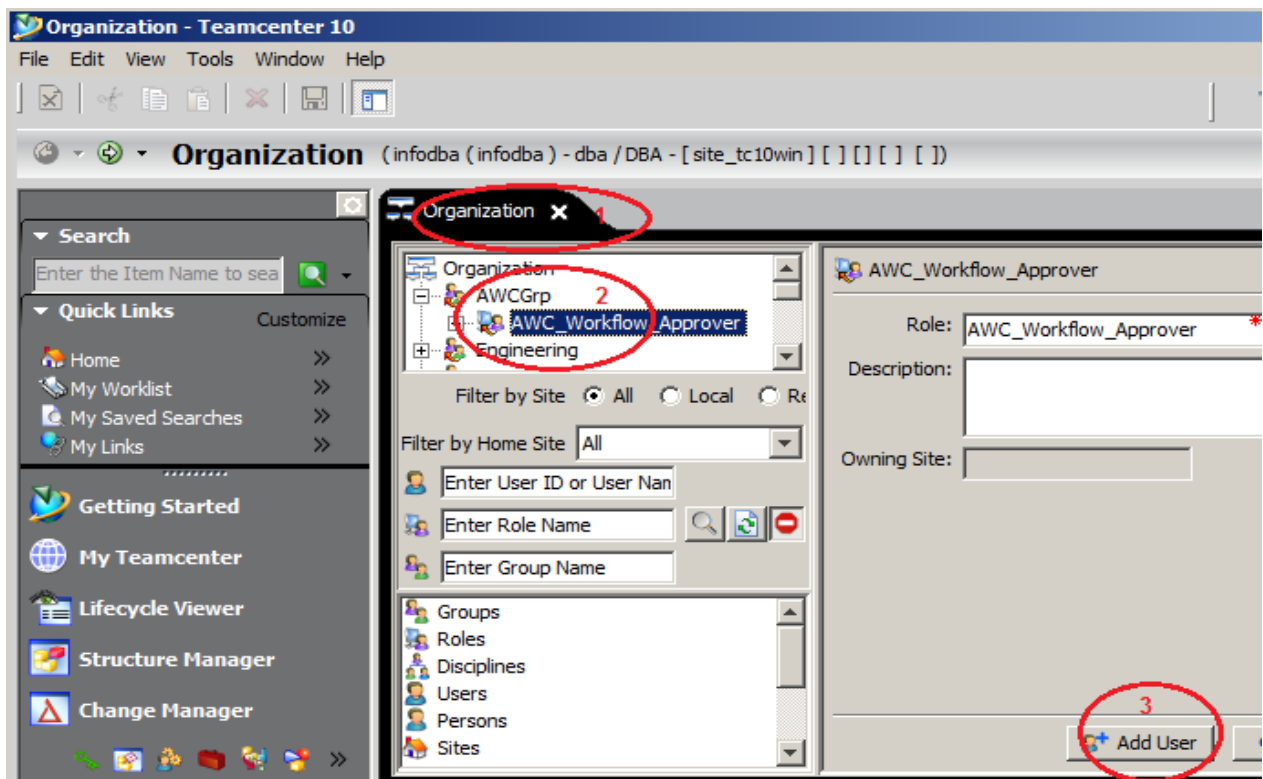
- Create a group *AWCGrp*, and add the role *AWC_Workflow_Approver* into the group *AWCGrp*.

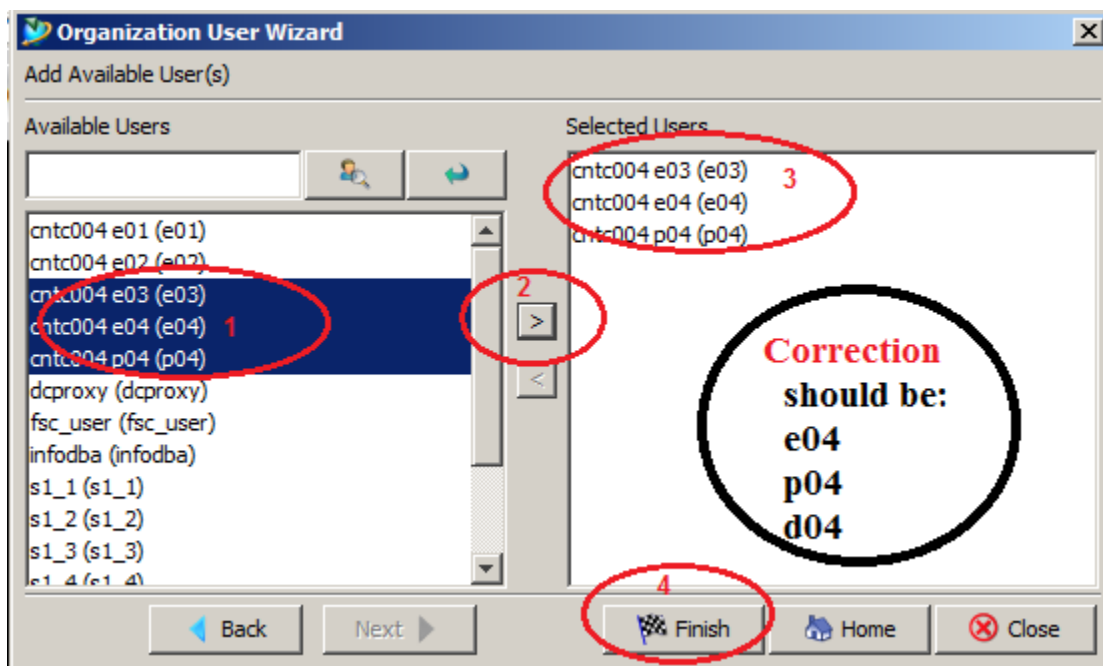
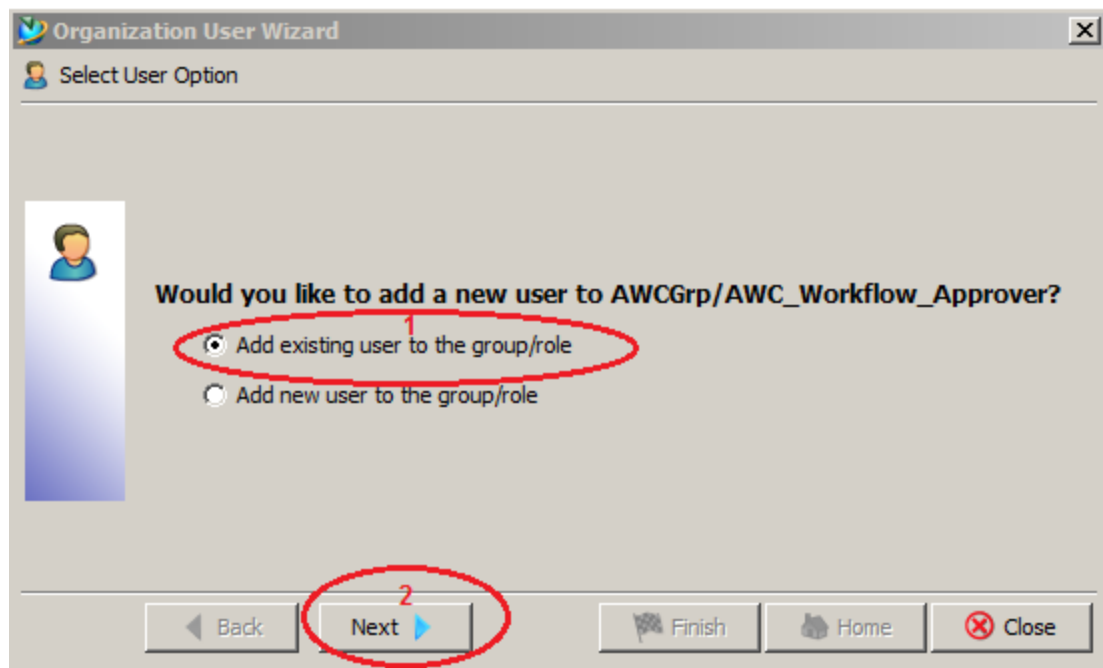


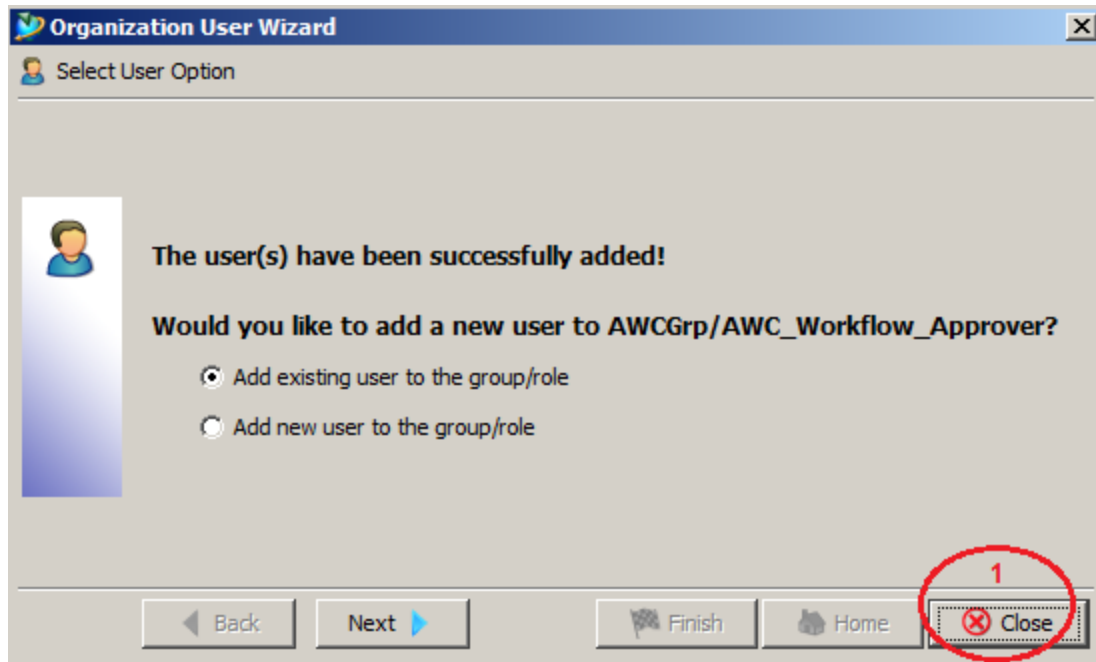
- After creation, the role AWC_Workflow_Approver will be under the group AWCGrp, see below.



- Add user e04, p04 and e04 into AWCGrp

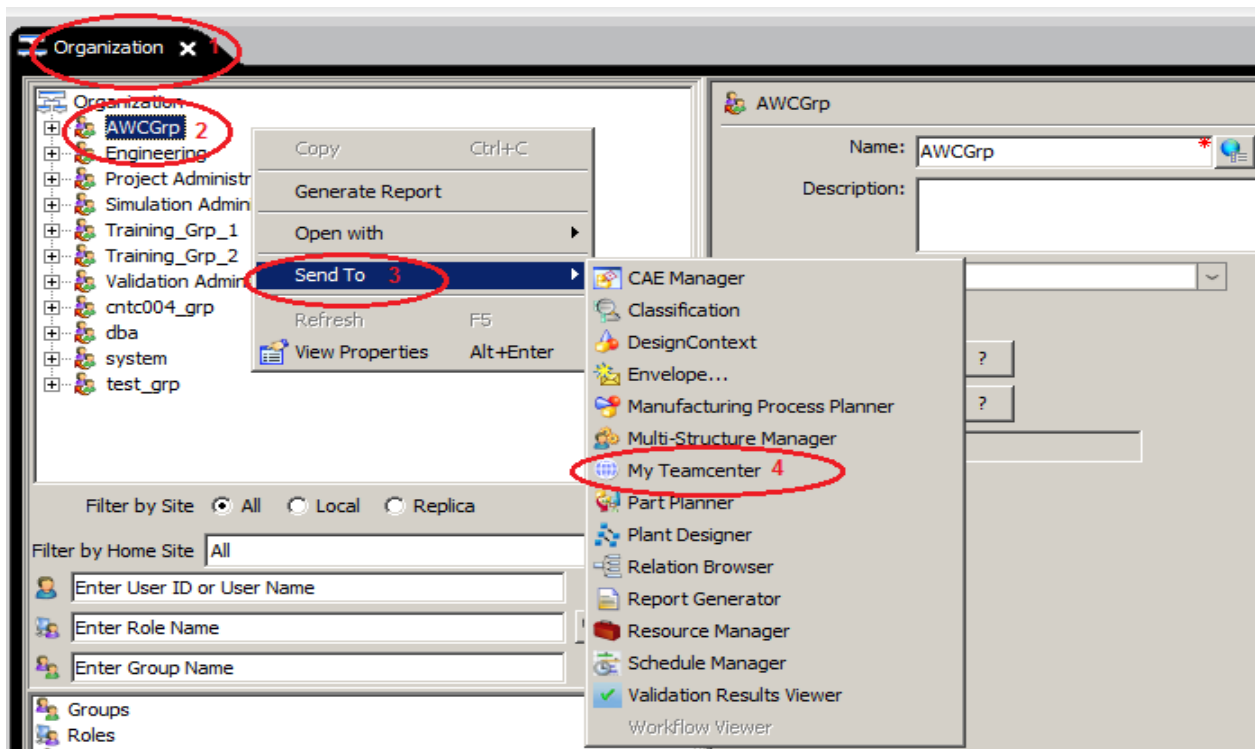




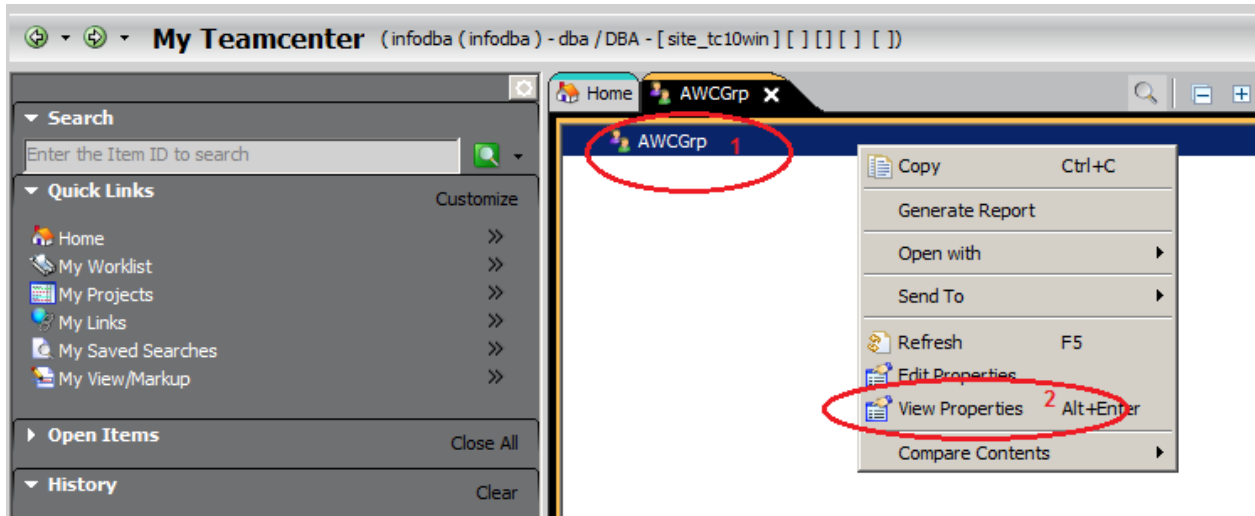


3.2.2 Create Tile Collection

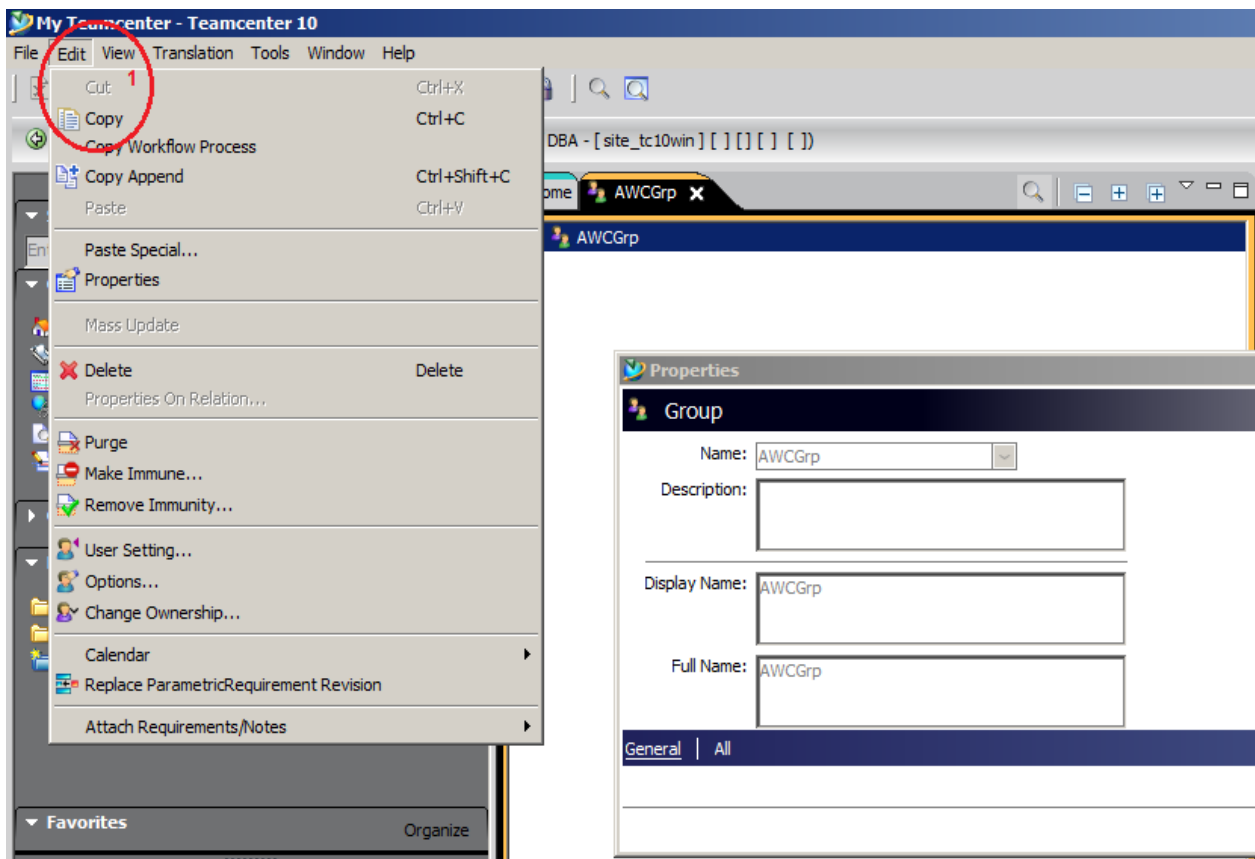
- Login to Rich Client as infodba/infodba
- Copy the AWCGrp object for Creating Tile Collection.
 - From rich client, select AWCGrp object, then send to My Teamcenter.



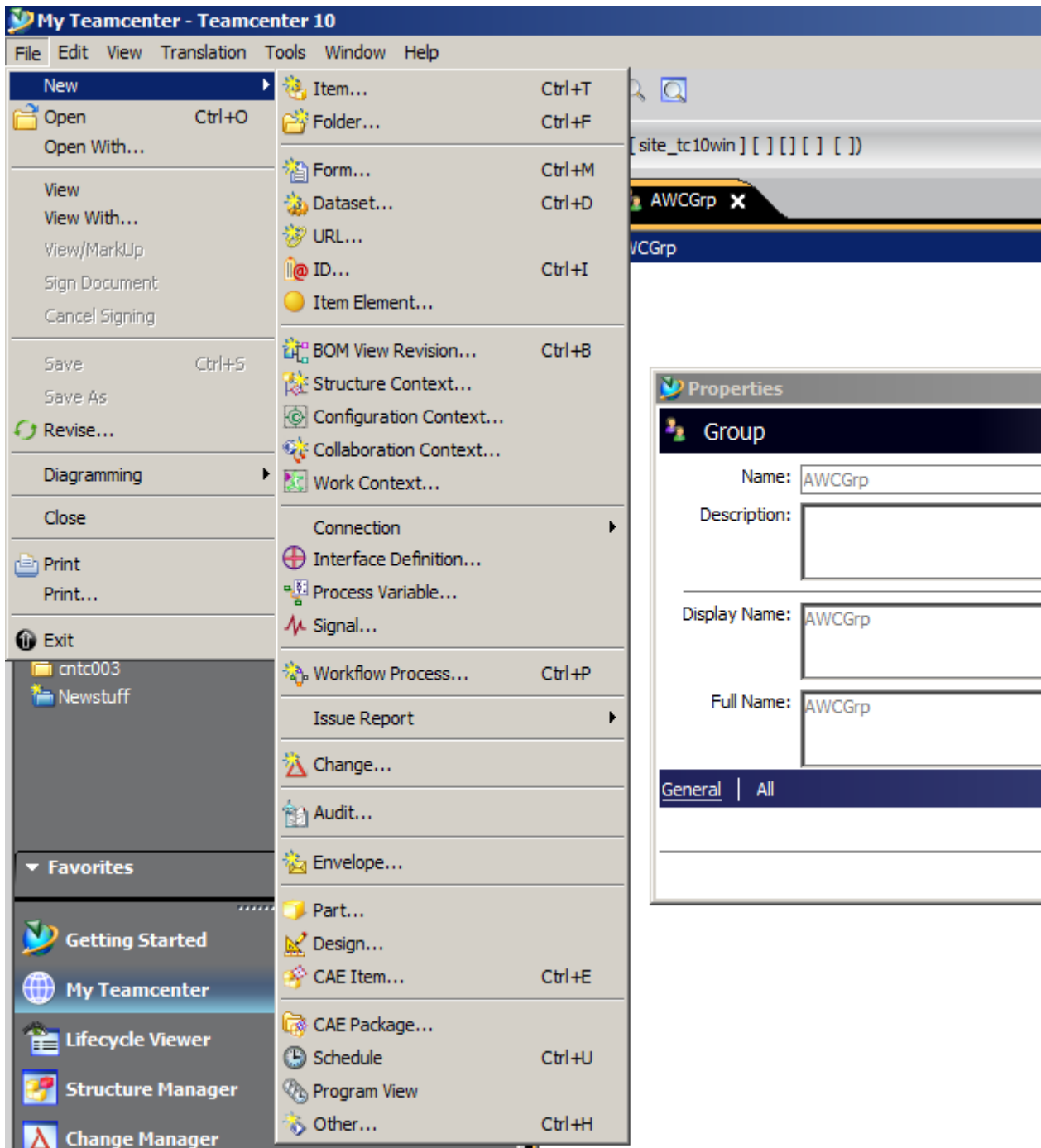
- Right click on AWCGrp object, and then double click on Review Properties.



- Click on Edit -> Copy to copy AWCGrp object.

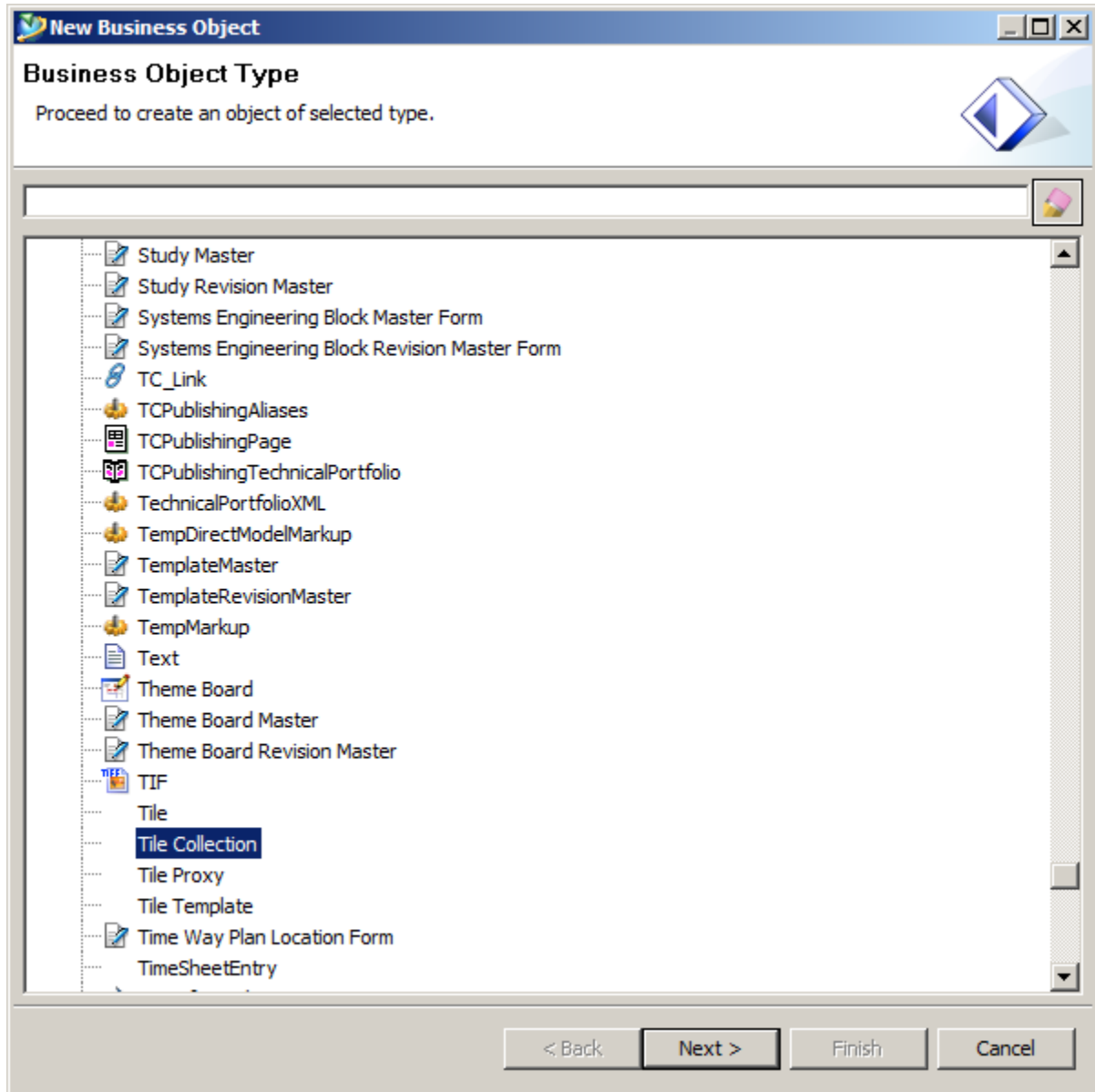


- Create a Tile Collection *awc_tile_collection*
 - In My Teamcenter, click on File->New -> Others,



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- In the New Object - Type window, select Tile Collection, then Next



- In the New Object window – Information window, fill in the text field of Name; for Scope, click on Down-Arrow ->Paste to paste the object created above to the text field, then Finish.

New Business Object

Object Create Information
Define business object create information

Tile Collection

Description:

Name: *

Scope: *

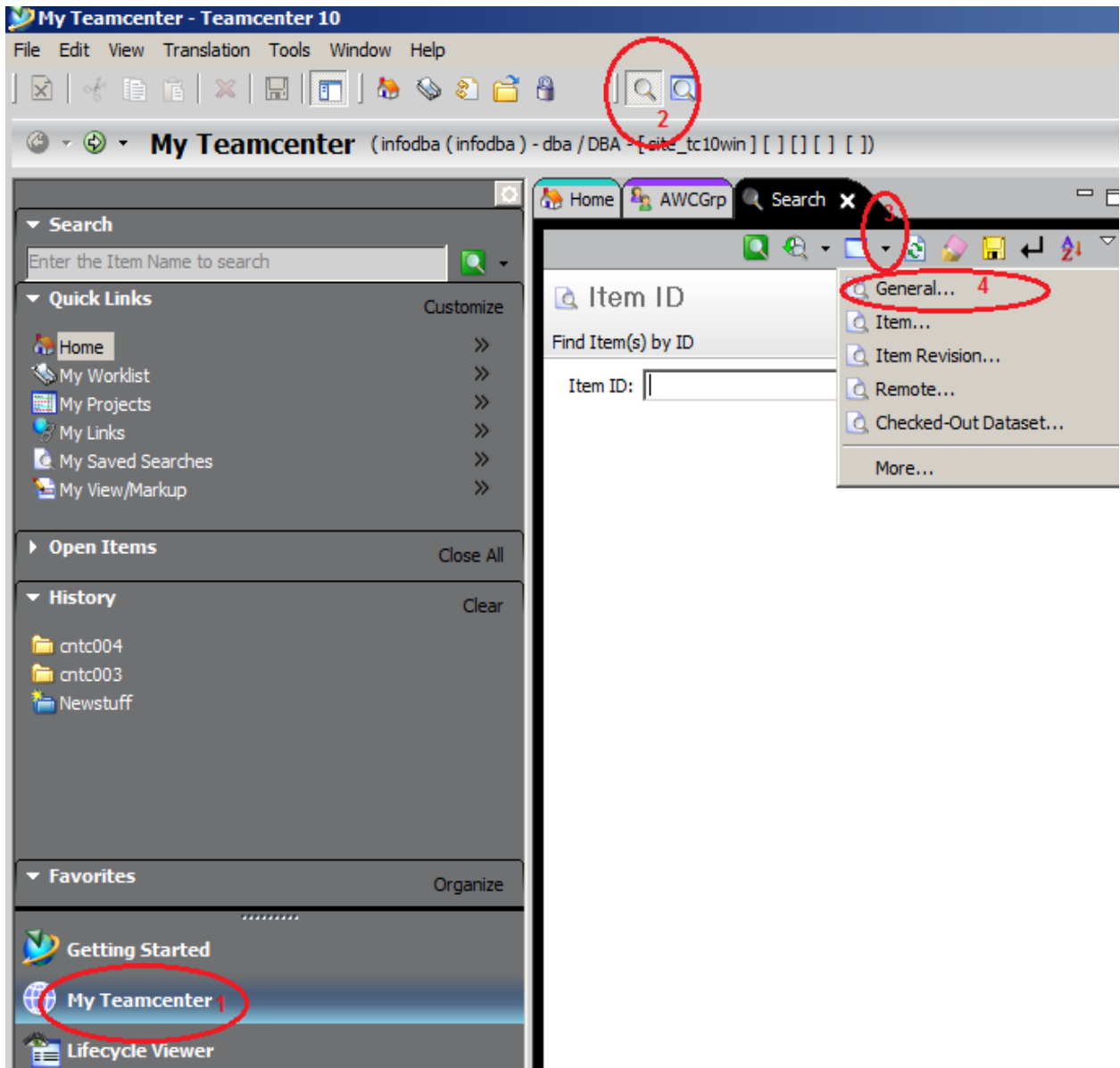
Clear
Copy
Paste
Open

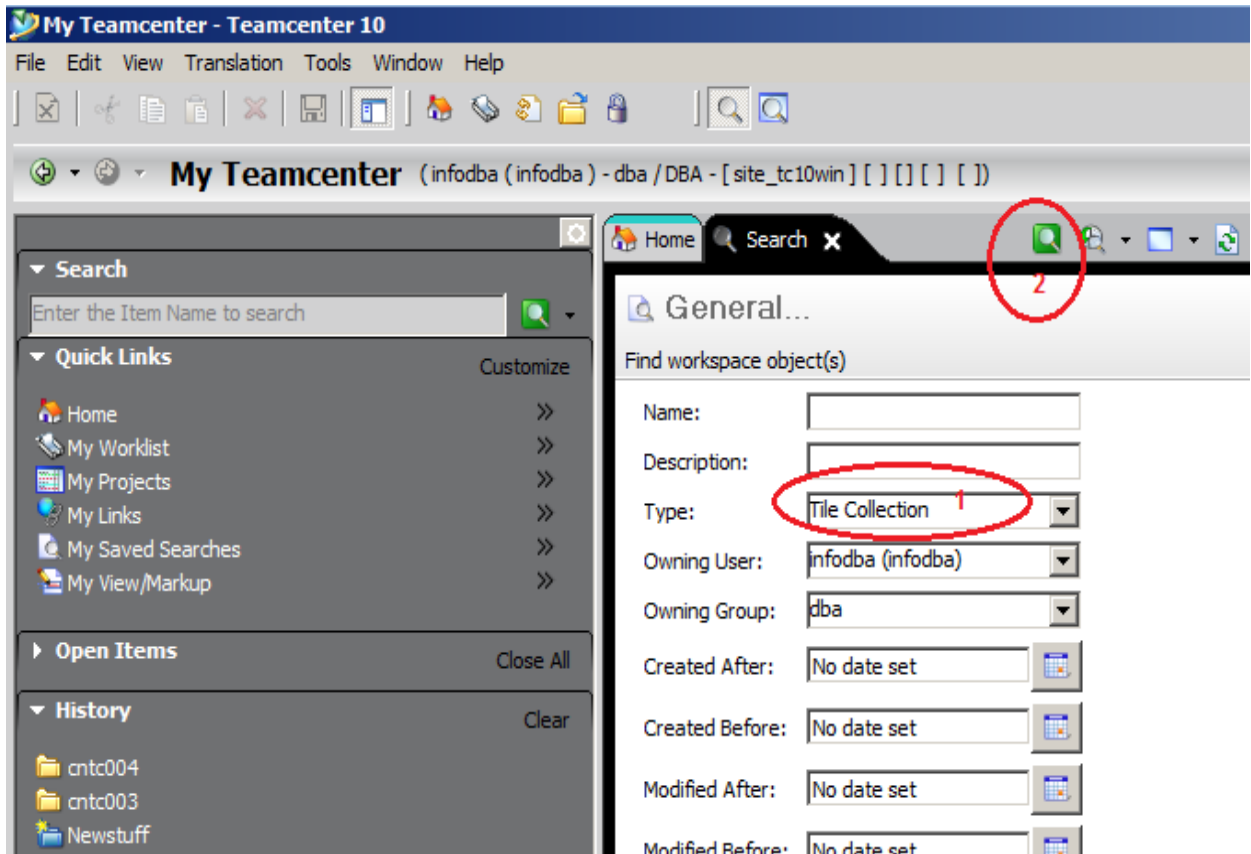
Relation ☐ Open On Create

< Back Next > Finish Cancel

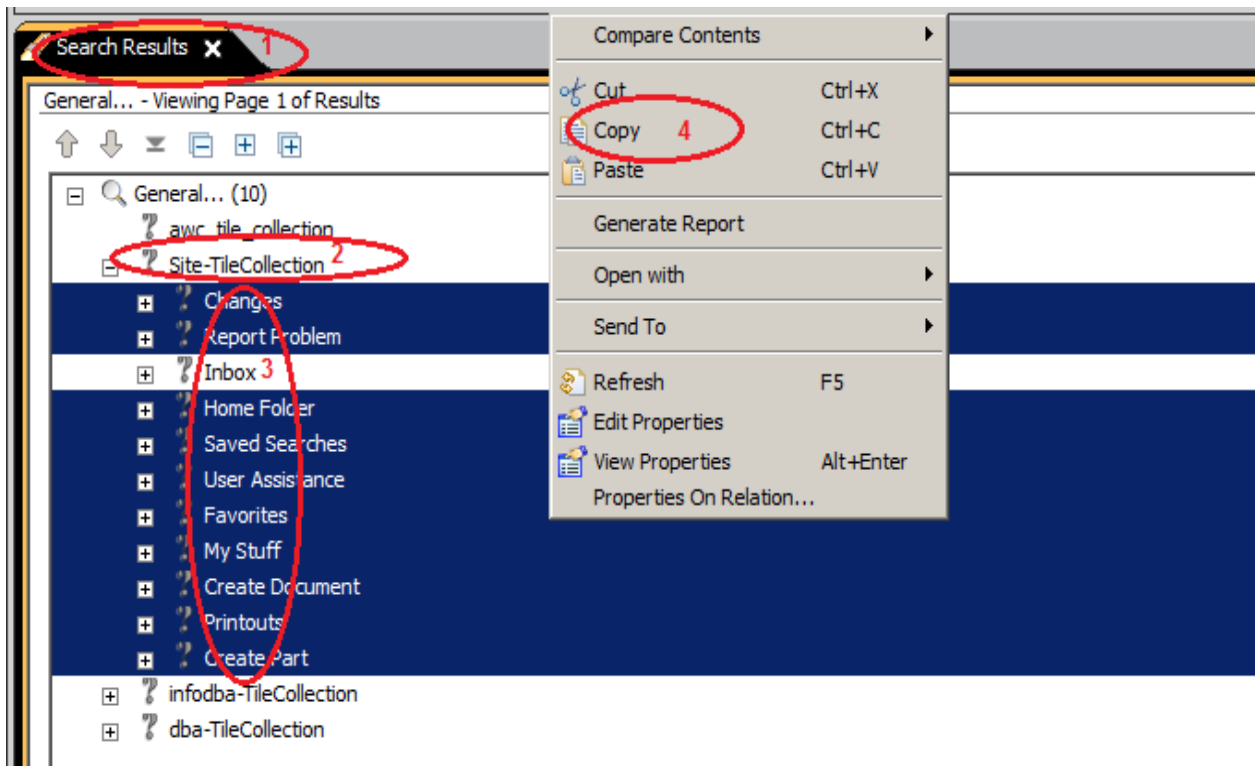
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- Add tiles to tile collection awc_tile_collection
 - From My Teamcenter, search tile collections

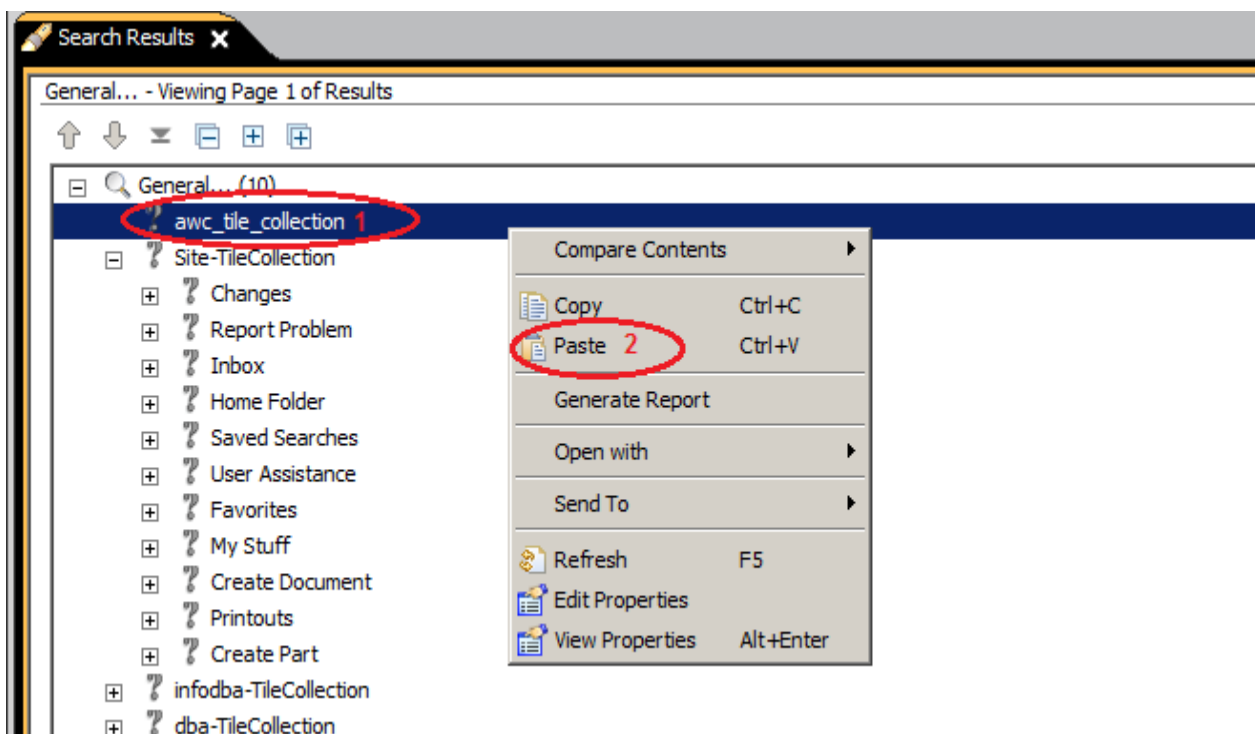




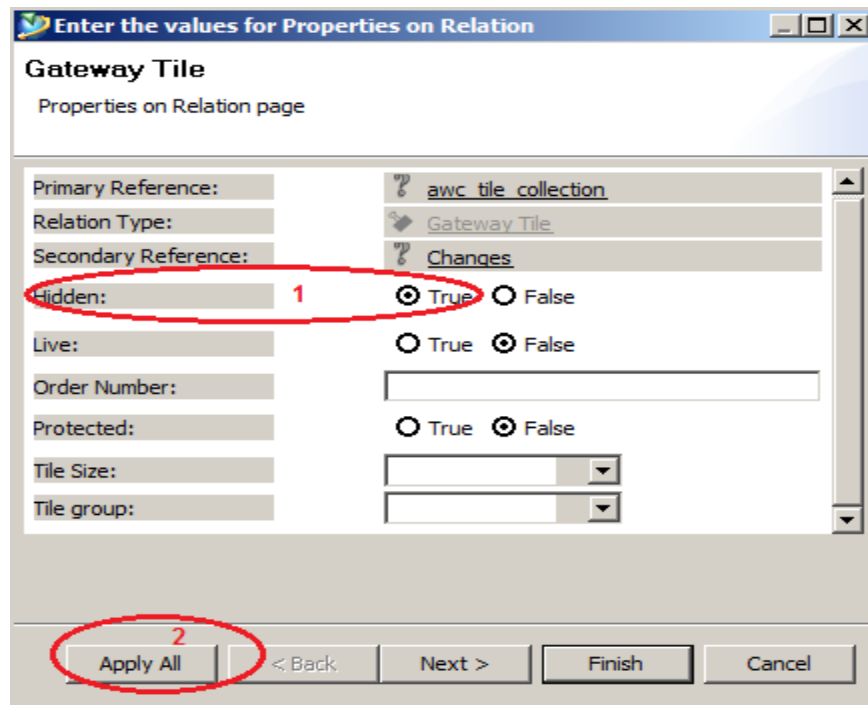
- In the search result window, select all the tiles under Site-TileCollection (except for Inbox) and copy.



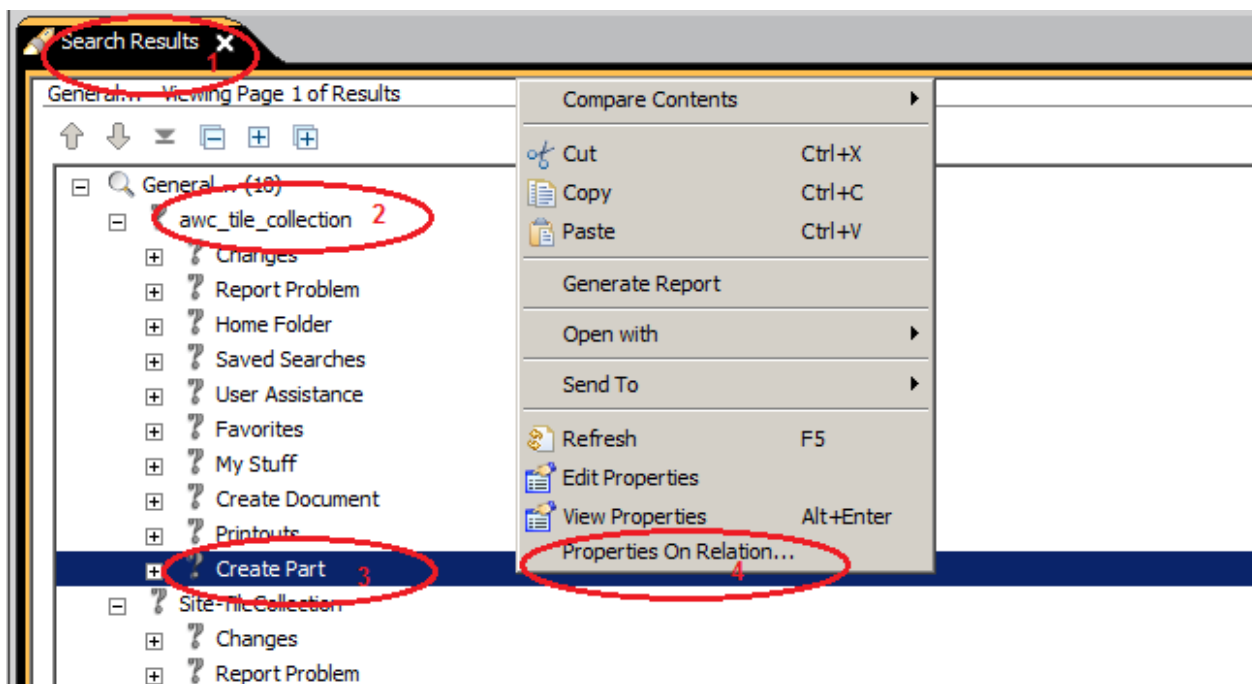
- Then, past all the tiles selected above to awc_tile_collection.



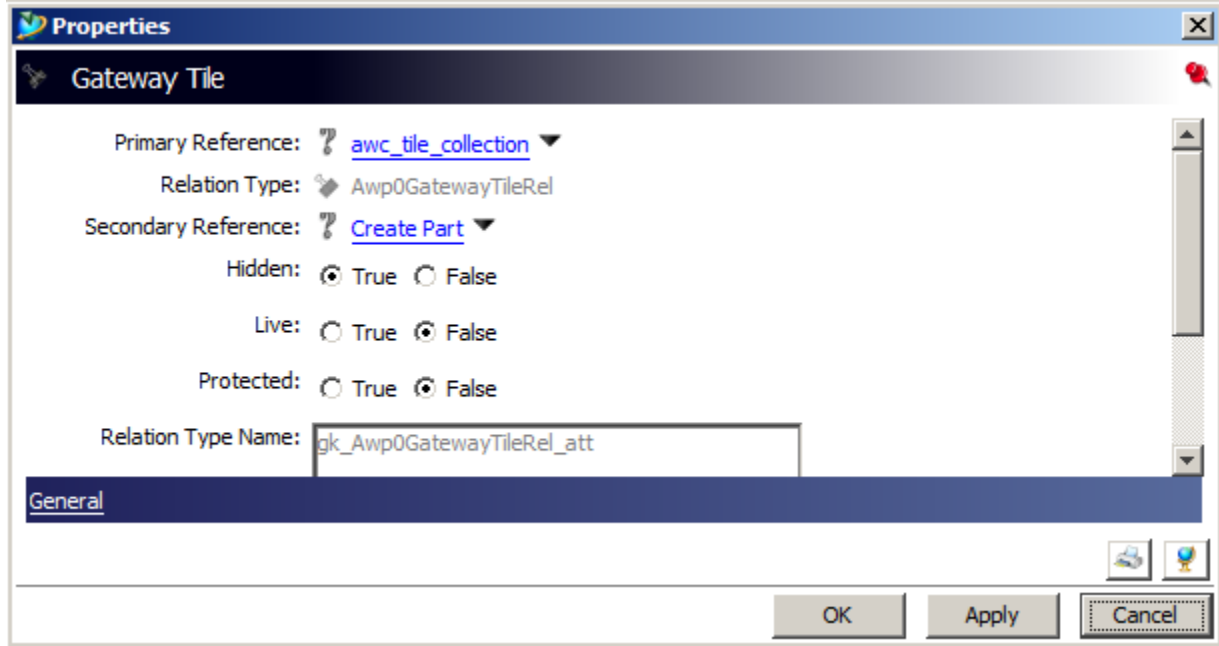
- In the Relation Property window for each tile (i.e. Changes), set Hidden to TRUE and Apply All, then Finish.



- Make sure Hidden is set to TRUE for the relation property of all the tiles in awc_tile_collection.
- In the Search Result window, expand awc_tile_collection, select a tile (for example Create Part), then edit Relation Property.



- In the Property window, make sure Hidden is set to TRUE, then OK.



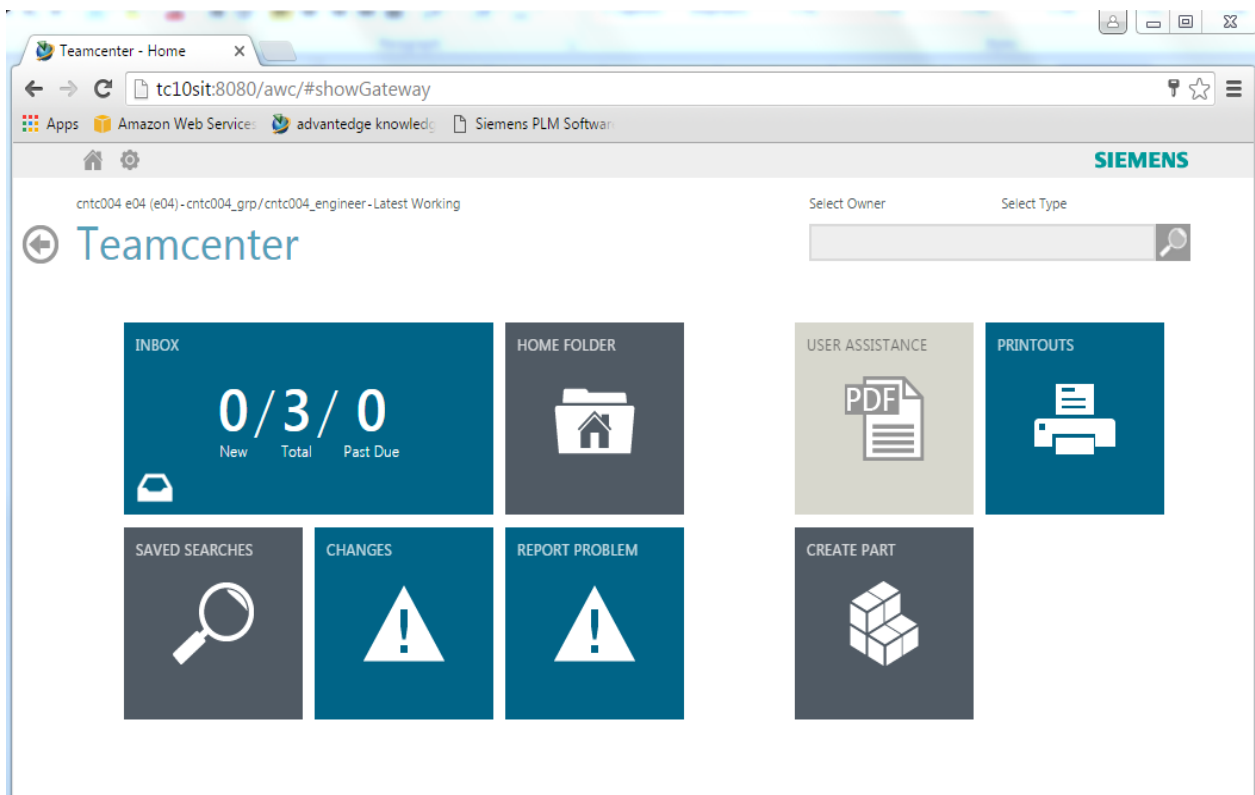
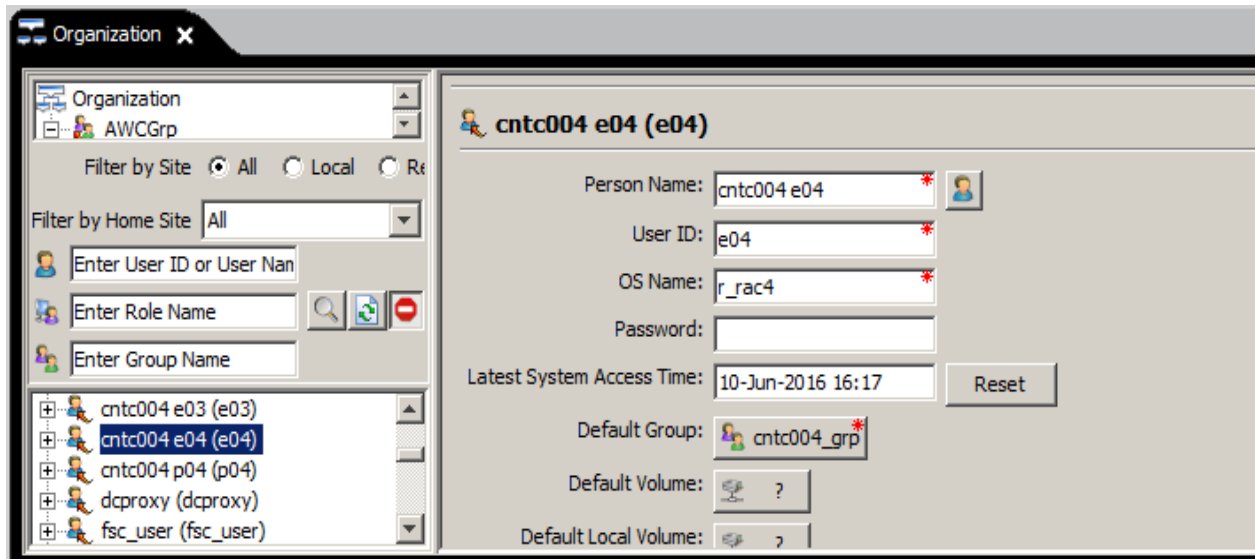
- Repeat two steps above until all the tiles are checked and updated.

3.2.3 Home Page Verification for the Group

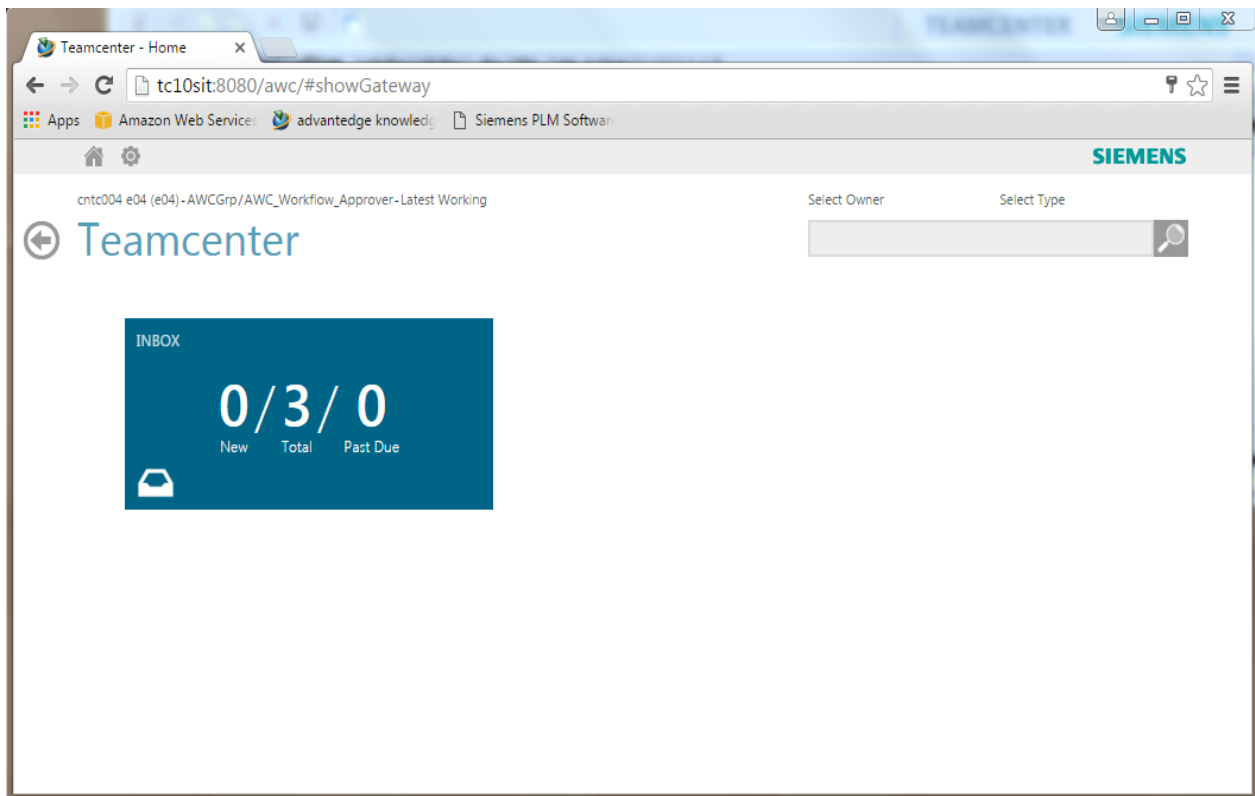
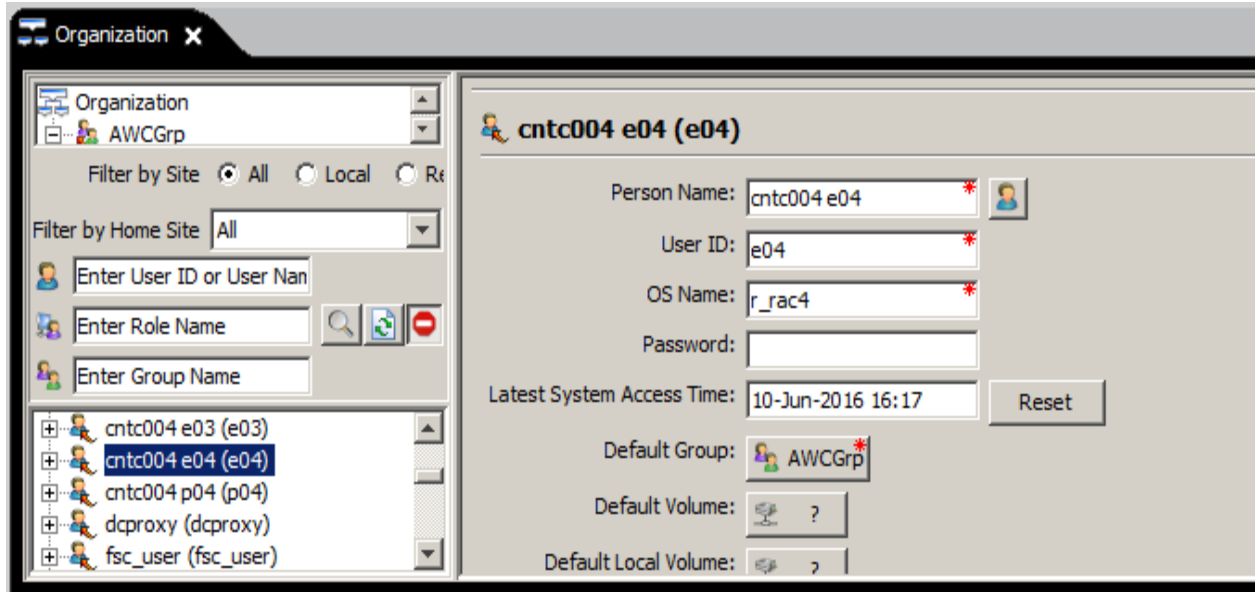
If a user's default group is AWCGrp, the AWC client home page for that user should be customized to be designed home page which contains only one tile – Inbox.

For example,

- Set user *e04* default group to *cntc004_grp*, the home page will be not customized to the designed home page.



- Change user *eo4* default group to *AWCGrp*, the home page will be customized to designed home page.

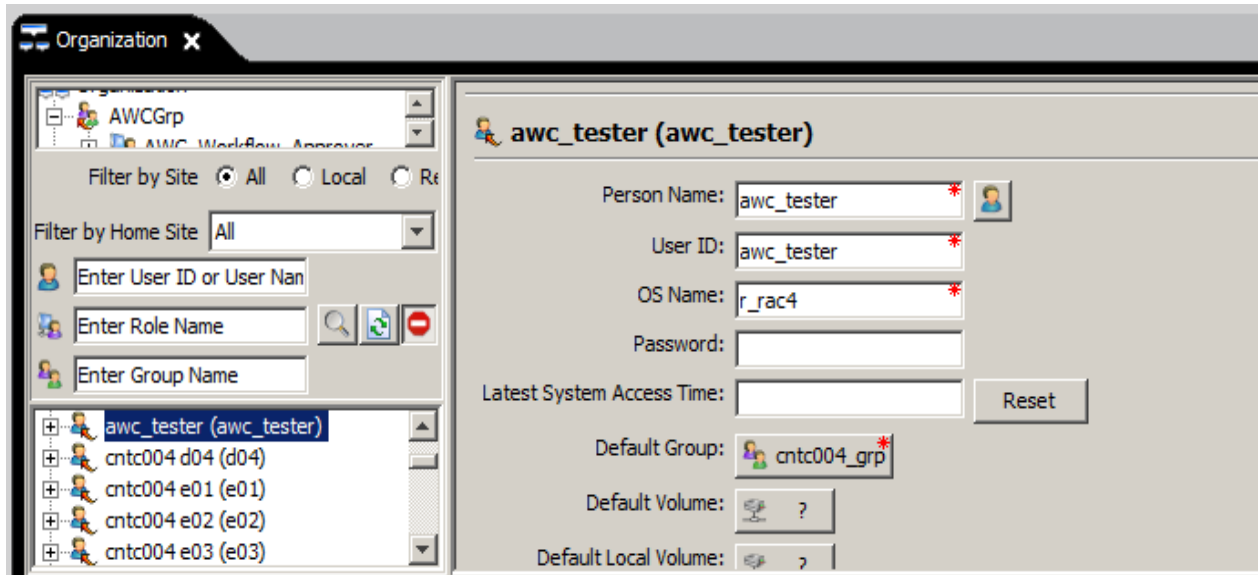


3.3 CUSTOMIZATION FOR A SINGLE USER

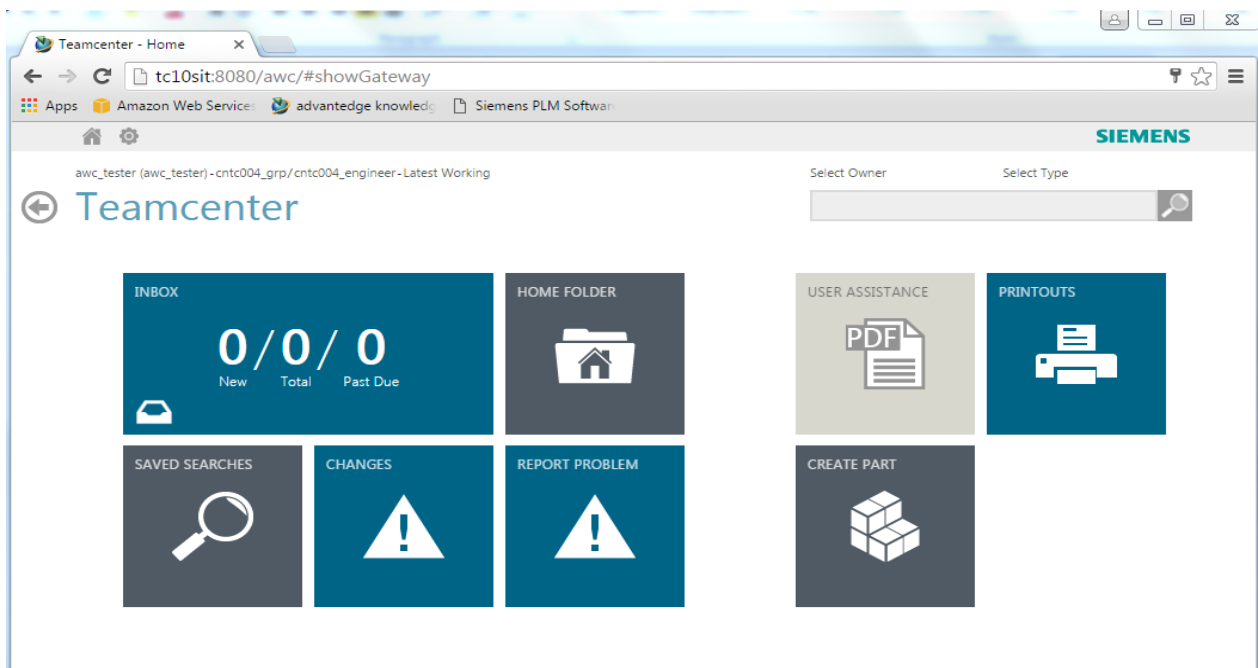
If a user's default group is not AWCGrp, customize the tile collection specific to that user to make the home page to be designed home page which contains only one tile – Inbox.

Configuration steps:

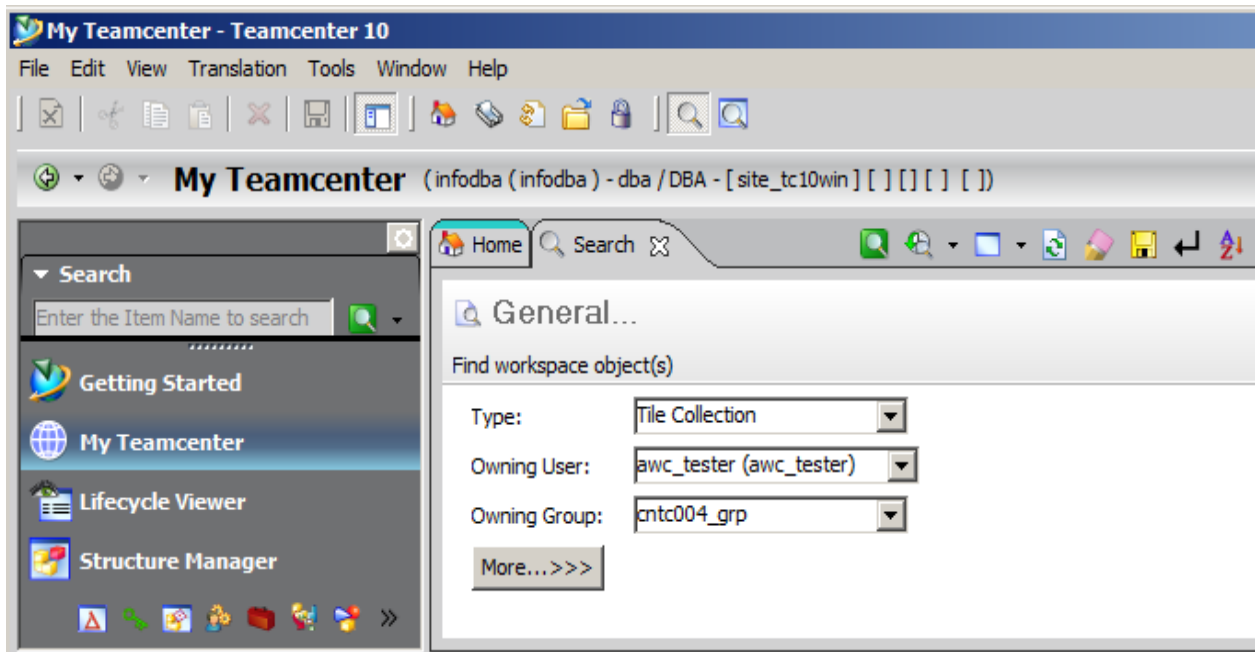
- Login to Rich Client as user *awc_tester*, make sure user *awc_tester*'s default group is not AWCGrp.



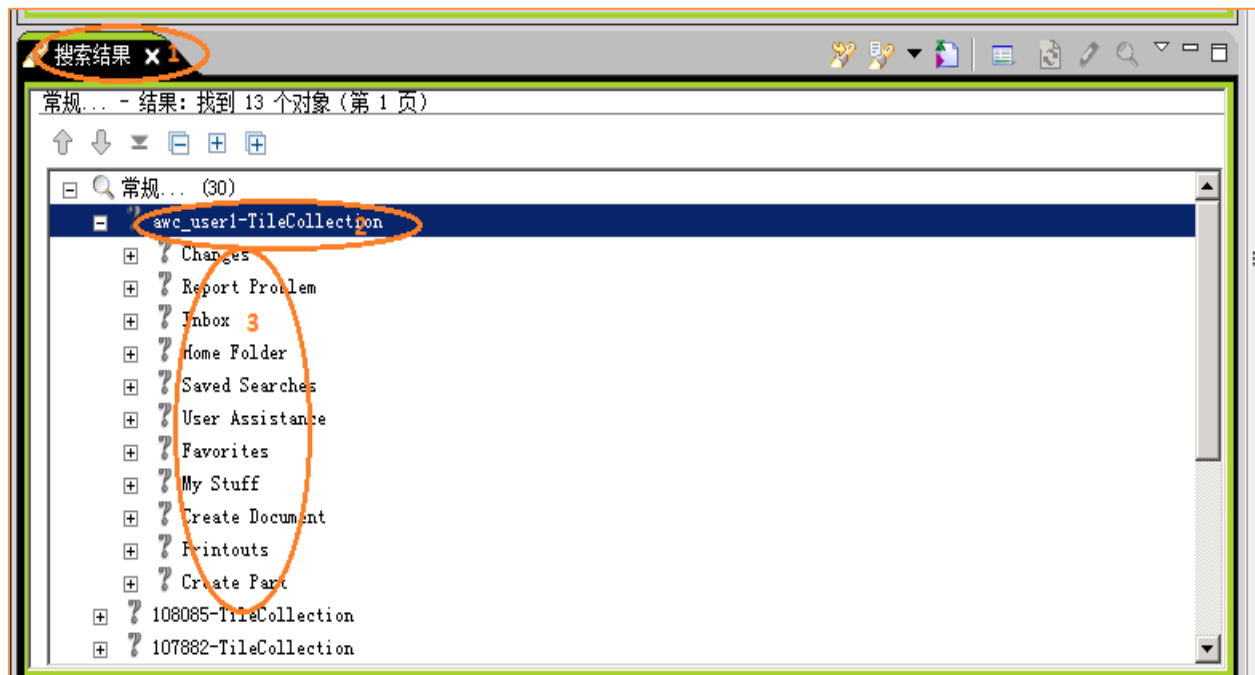
- Login to AWC Client as user *awc_tester*, make sure the home page is not customized, then Exit.



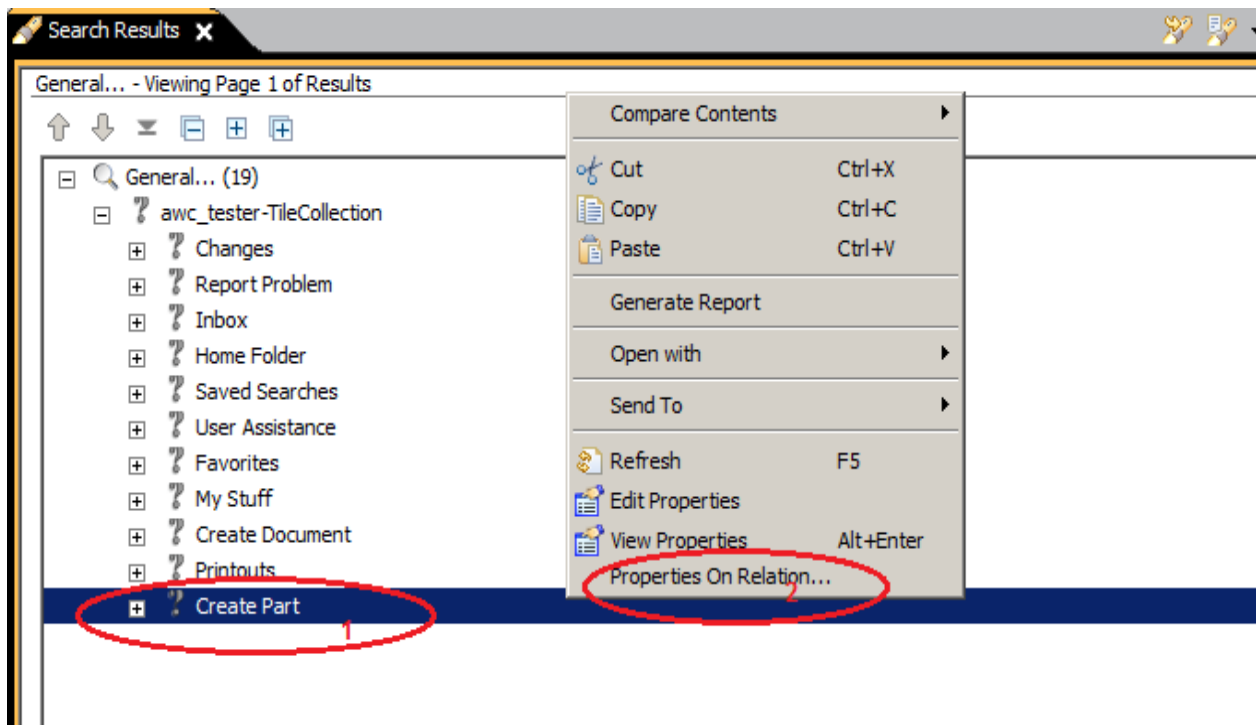
- Configure the tile collection specific to a user.
 - In Rich Client, search for Tile Collection.



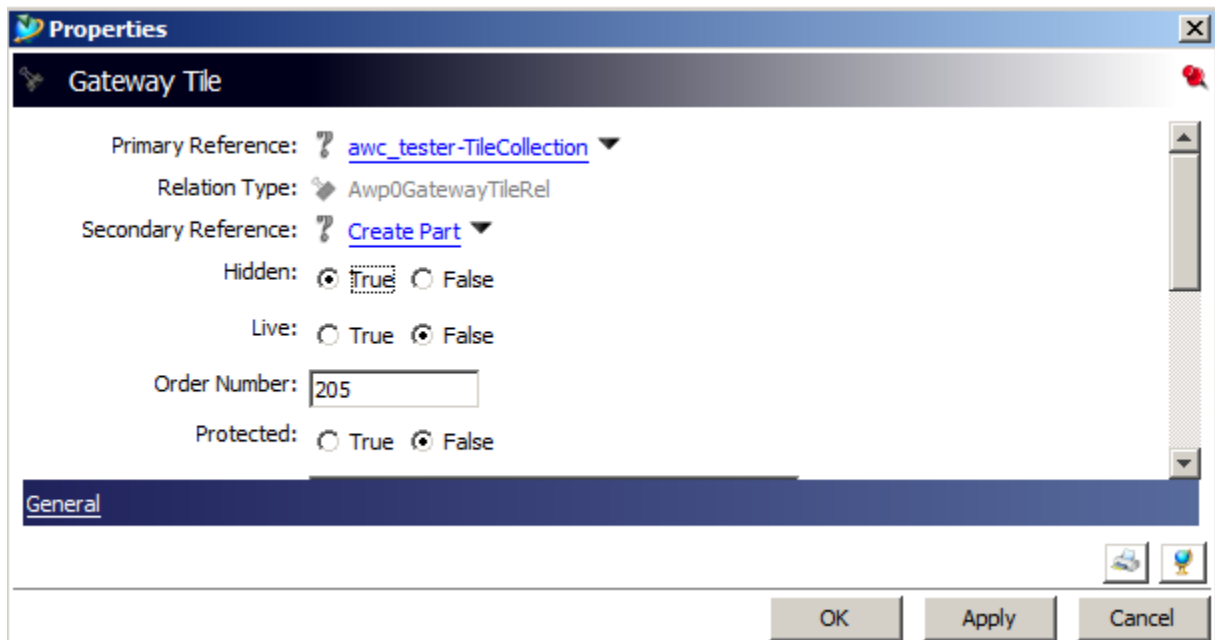
- In the Search Result window, find tile collection specific to *awc_tester* and expand it.



- Select a tile (for example Printouts), then review relation properties.



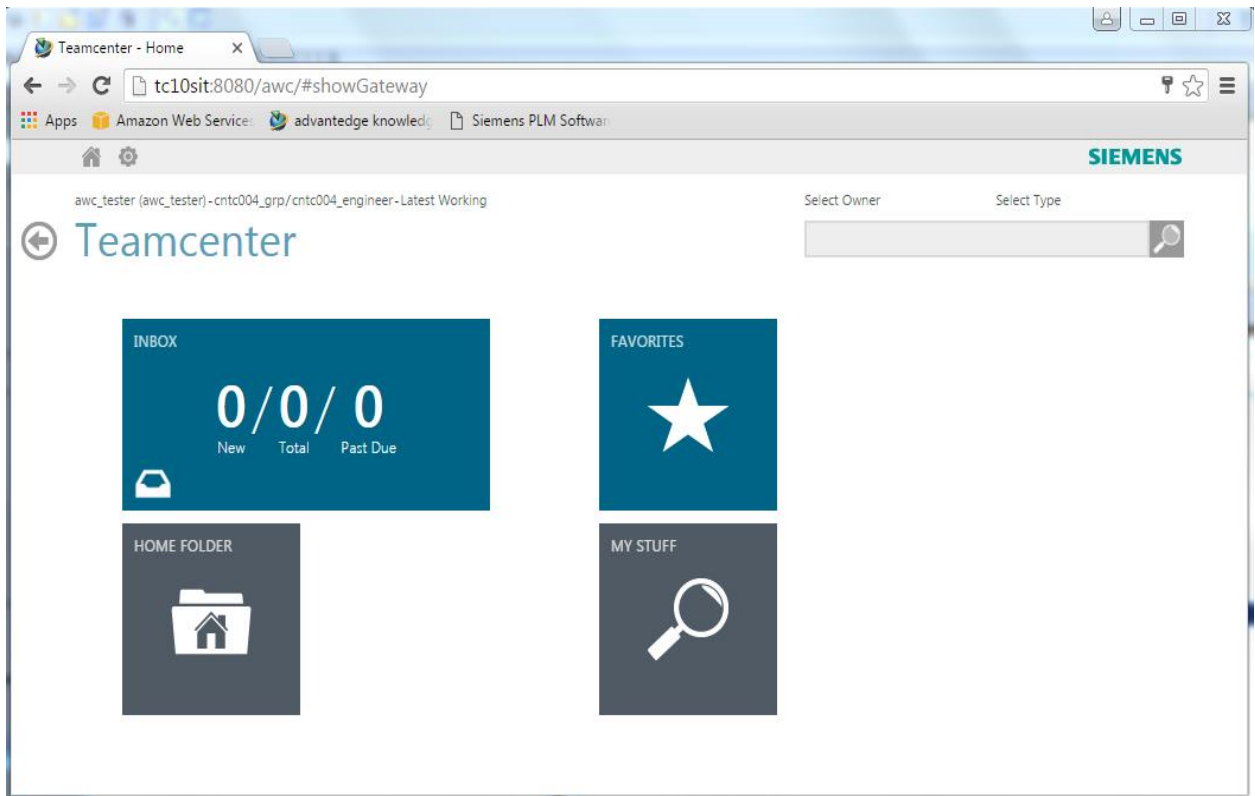
- In the Relation Property window, make sure Hidden is set to TRUE, then OK or Apply.



- Repeat the steps above to make sure all the tiles are updated (except for Inbox if it's there, and some which are marked protected).

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- After the configuration, login to AWC client as *awc_tester* again, and make sure the home page is designed home page.



4 Appendix

4.1 START PROCESS

4.1.1 Start Teamcenter Database Server

n/a

4.1.2 Start Teamcenter Enterprise Tier

- Log on to tc10win as infodba/infodba.
- Open the folder Ent-Tier on the desktop, then run **2 - start pool manager**

4.1.3 Start Teamcenter Web-Tier

- Switch os user to jboss/jboss
- Open the folder Web-Tier on the desktop, then run **1 - start_jboss (as Administrator)** as administrator. When the User Account Control dialog window appears, click Yes.

4.1.4 Start AWC Web Application Server

- Log on to tc10sit as r_awc/r_awc
- Open the folder r_Awc-Tier, then run **0 - start_jboss - Shortcut (as administrator)** as administrator, when the User Account Control dialog box appears, click Yes.

4.1.5 Start Solr Indexing Engine

- Log on to tc10sit as r_awc/r_awc
- Open the folder r_Awc-Tier, then run **1 - start_solr – Shortcut**

4.1.6 Start Indexer

- Log on to tc10sit as r_awc/r_awc
- Open the folder r_Awc-Tier, then run **2 - start_syncindex – Shortcut**
- After that, Run **3 - do_sync_objdata – Shortcut**
- And run **4 - do_sync_structure – Shortcut**

4.2 RELATED URLS

4.2.1 TC Pool Manager

- URL

<http://tc10win:8082>

- User/Password

manager/manager

4.2.2 TC Thin Client

- URL

<http://tc10win:8080/tc/webclient>

- User/Password

Teamcenter user and password

4.2.3 Solr Admin

- URL

<http://tc10sit:8983/solr/admin>

- User/Password

solr_admin/solr_admin

4.2.4 AWC Client

- URL

<http://tc10sit/awc>

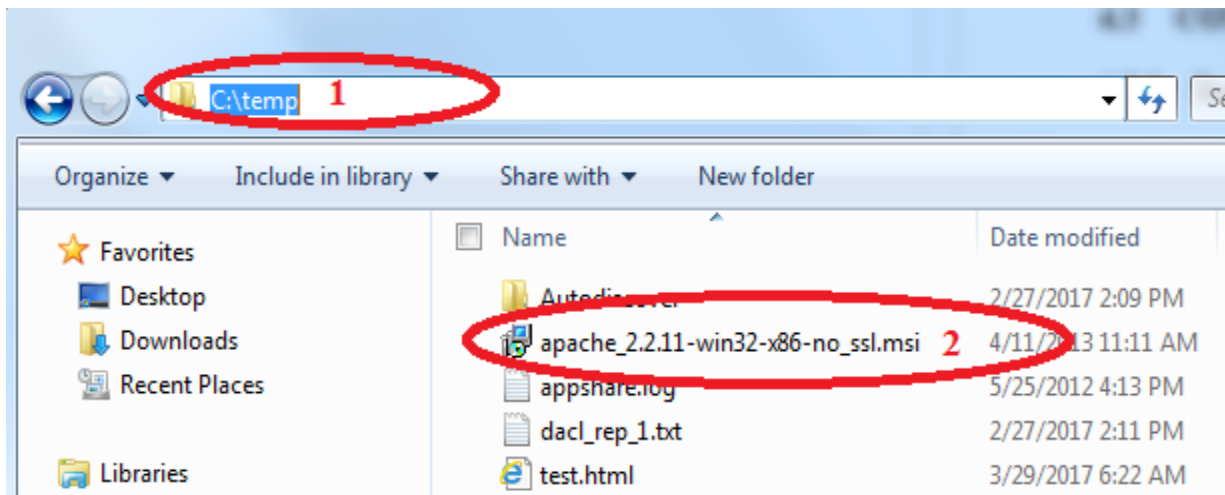
- User/Password

TC user and password

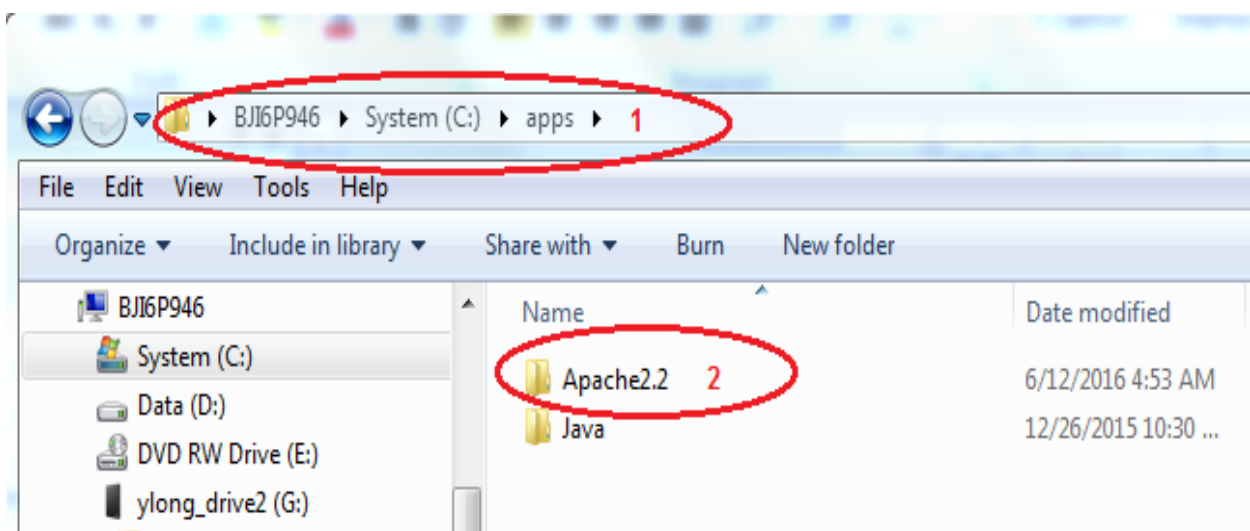
4.3 CONFIGURE APACHE AS A REVERSE PROXY SERVER

4.3.1 Install Apache

- Login to tc10win as administrator/administrator
- Get file **httpd-2.2.11-win32-x86-no_ssl.msi** from c:\disk
- Copy the file above to c:\temp in your local host (your laptop machine)
- Open an Explorer Window
- Go to **c:\temp** and double click on **httpd-2.2.11-win32-x86-no_ssl.msi**

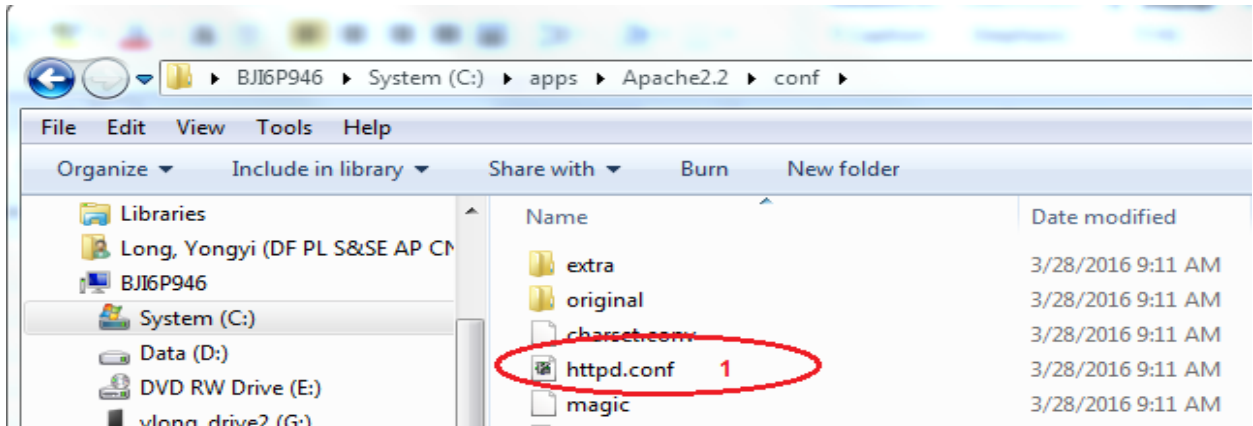


- Follow the instruction and install apache in d:\apps\Apache2.

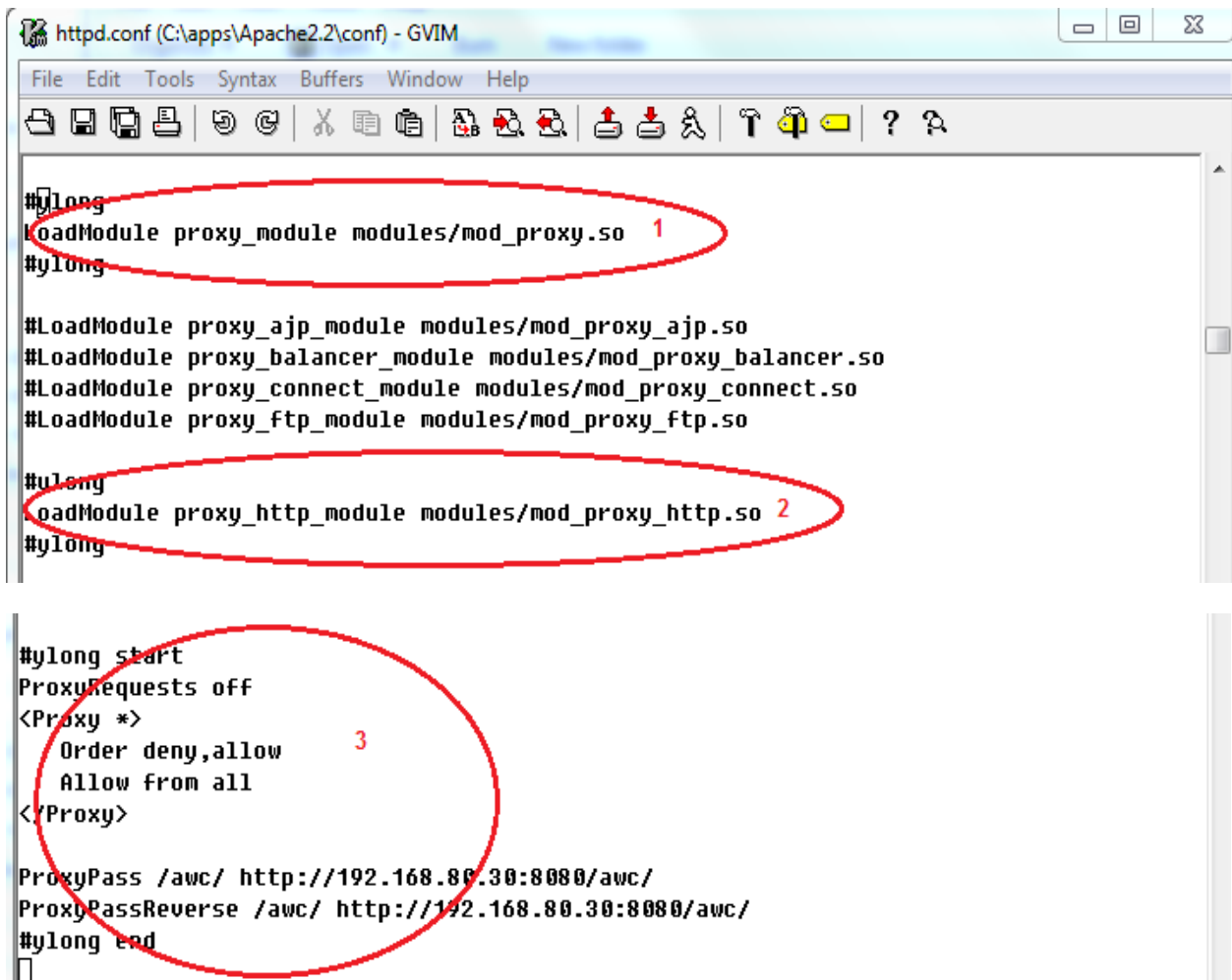


4.3.2 Configure Apache as a Reverse Proxy Server

- Log on to host machine (laptop machine, for example **BJI6P946.net.plm.eds.com**)
- On the laptop, open C:\apps\Apache2.2\conf\httpd.conf



- Update configuration



4.3.3 Start Apache

- Log on to host machine (laptop machine, for example **BJI6P946.net.plm.eds.com**)
- Then, from stats bar open Apache and stop Apache

