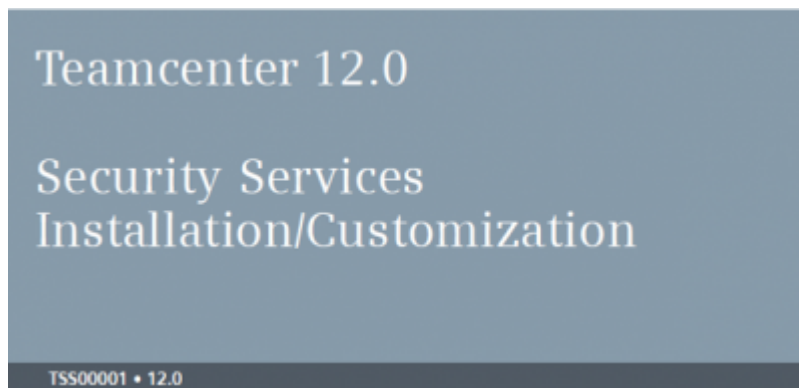


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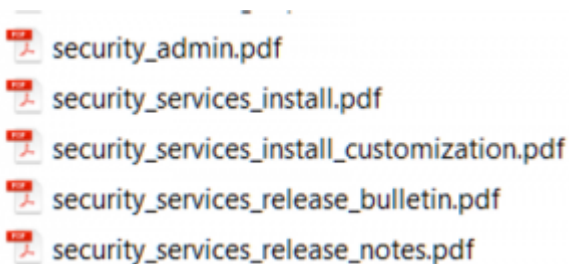
# Handbuch Tc 12 Security Services



Oktober 2020 Patrick Granwehr Christoph Bühler

**Achtung:**

Dies ist nur ein Leitfaden. Bitte zusätzlich noch die originalen Dokumente mit einbeziehen...



## Impressum

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## 1. Vorbedingungen Clientinstallation

Wenn Umgebung schon so aufgesetzt ist muss nur noch die Anpassung für SSO gemacht werden.

Ist weiter unten beschrieben.

Dies kann auch später mit der SSO konfiguration nach der web\_tier konfiguration gemacht werden.

## 2. 4-tier Client installation auf tccs umstellen

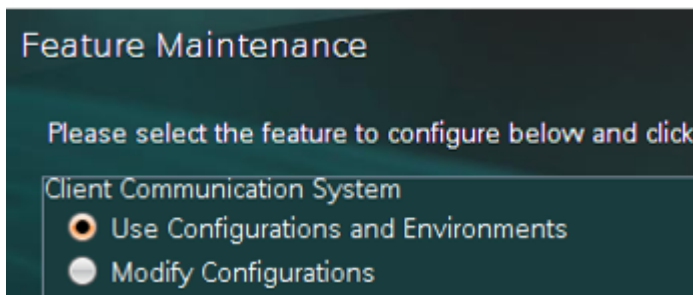
Dieser Schritt ist nur notwendig, falls dieser nicht schon bei Grundinstallation des 4-tier RichClient gemacht wurde.

### 2.1 Feature Maintenance

Client Communication System Use configurations and Environments



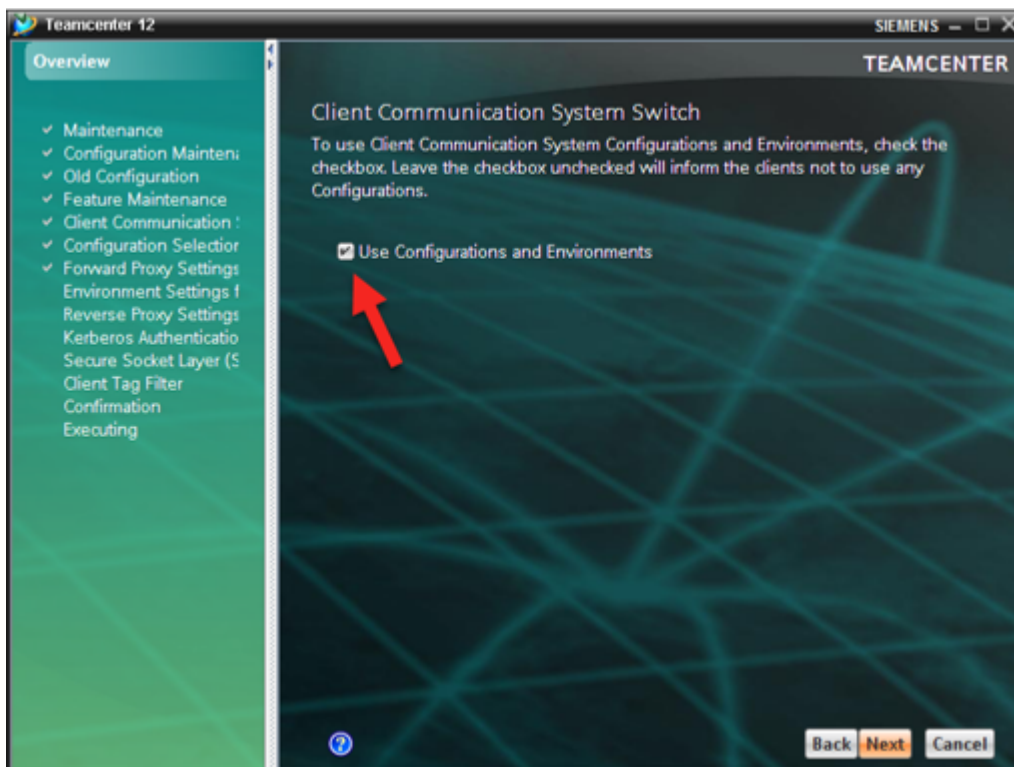
Use configurations and Environments



### 2.2 Client Communication System Switch



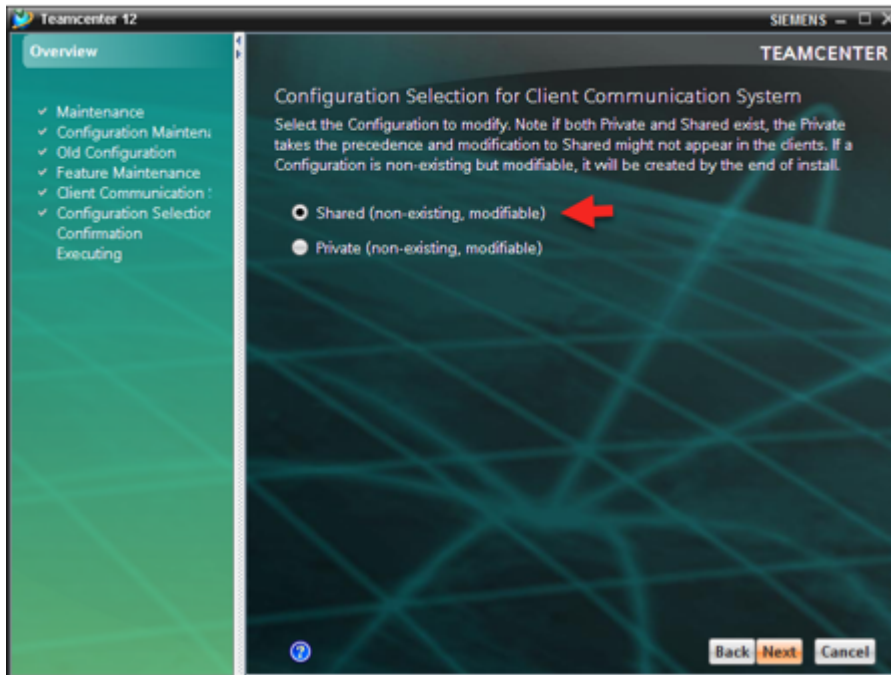
Use Configuration and Environments



### 2.3 Configuration Selection for Client Communication System



Shared (non-existing, modifiable)



## 2.4 Forward Proxy Settings



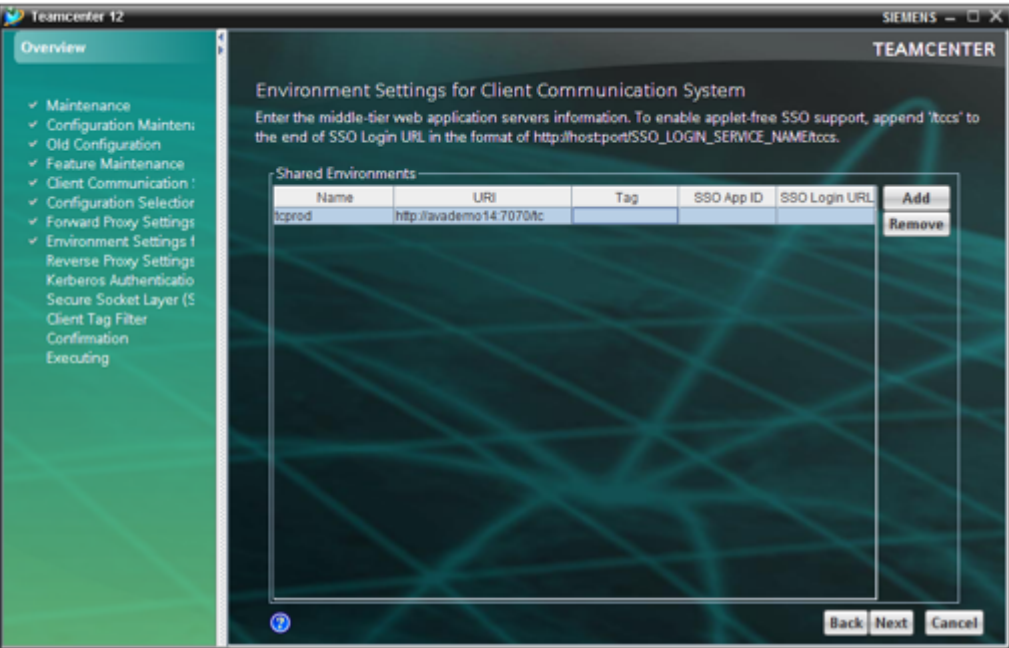
Do not use forward proxy



## 2.5 Environment Settings for Client Communication System

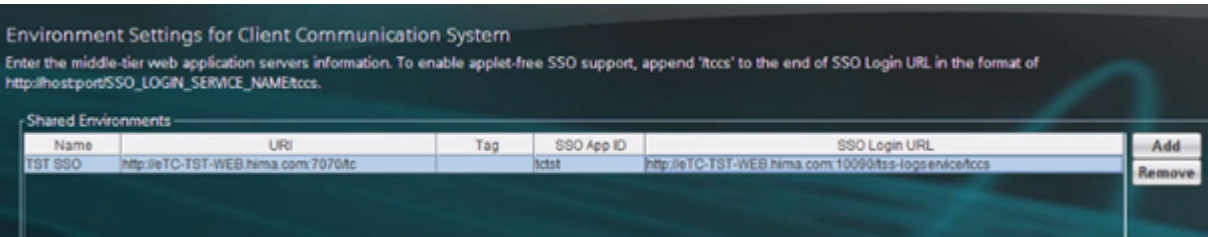
Add...

- Name: tcprod
- URI: <http://avademo14:7070/tc>
- Tag:
- SSO App ID:
- SSO Login URL:



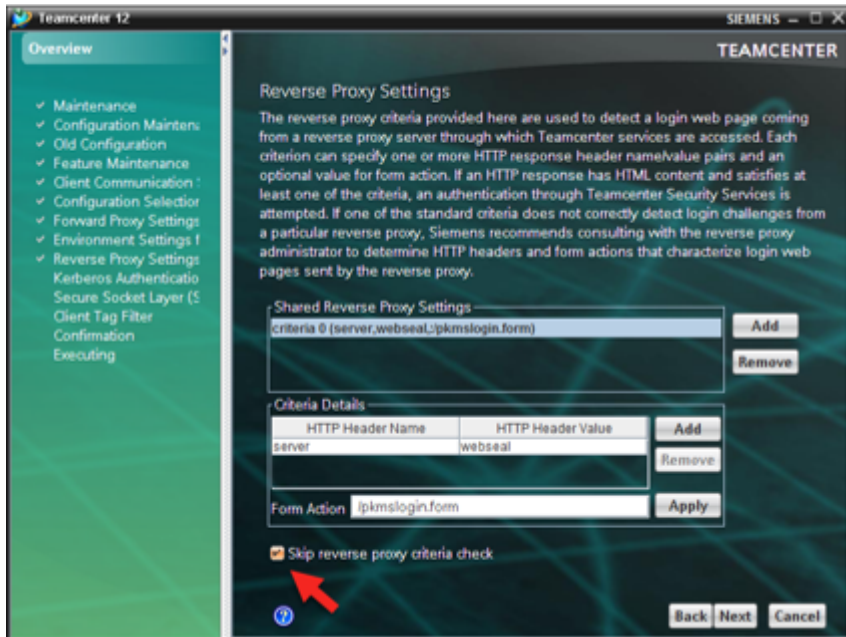
Add...

- Name: TST SSO
- URI: <http://eTC-TST-WEB.hima.com:7070/tc>
- Tag:
- SSO App ID: tctst
- SSO Login URL: <http://eTC-TST-WEB.hima.com:10090/tss-logservice/tccs>



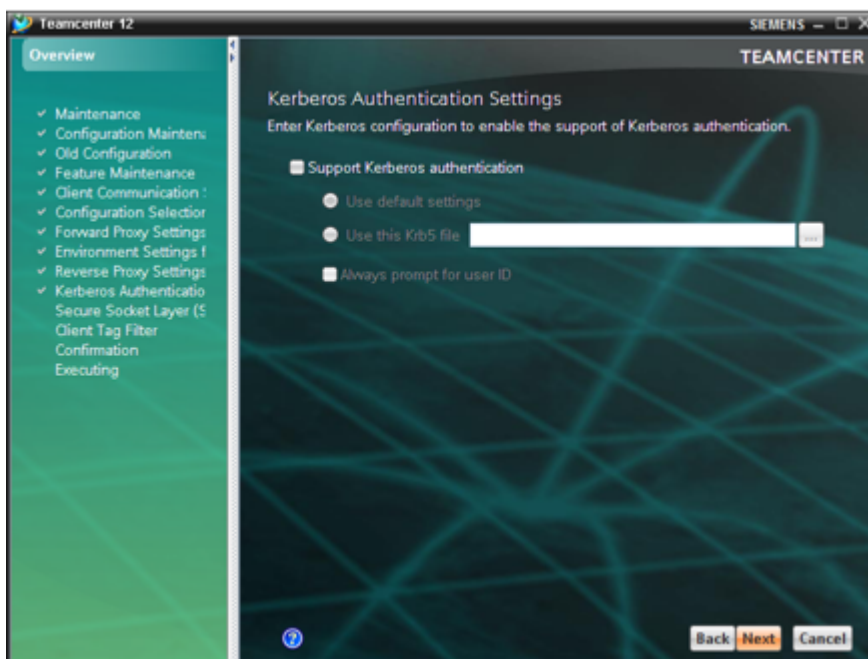
2.6 Reverse Proxy Settings

- ☒ Skip reverse proxy criteria check



## 2.6 Kerberos Authentication Settings

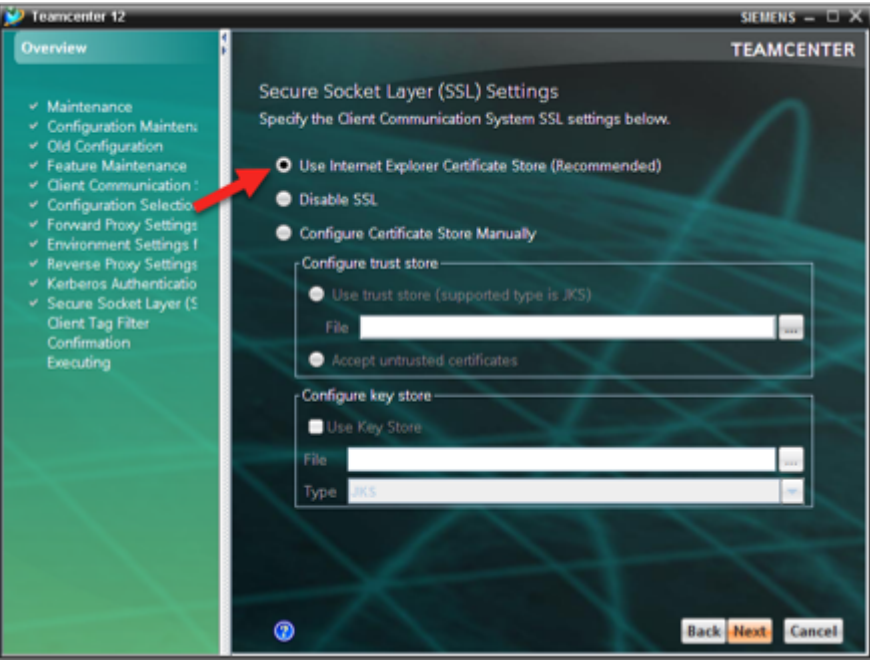
Next...



## 2.7 Secure Socket Layer (SSL) Settings

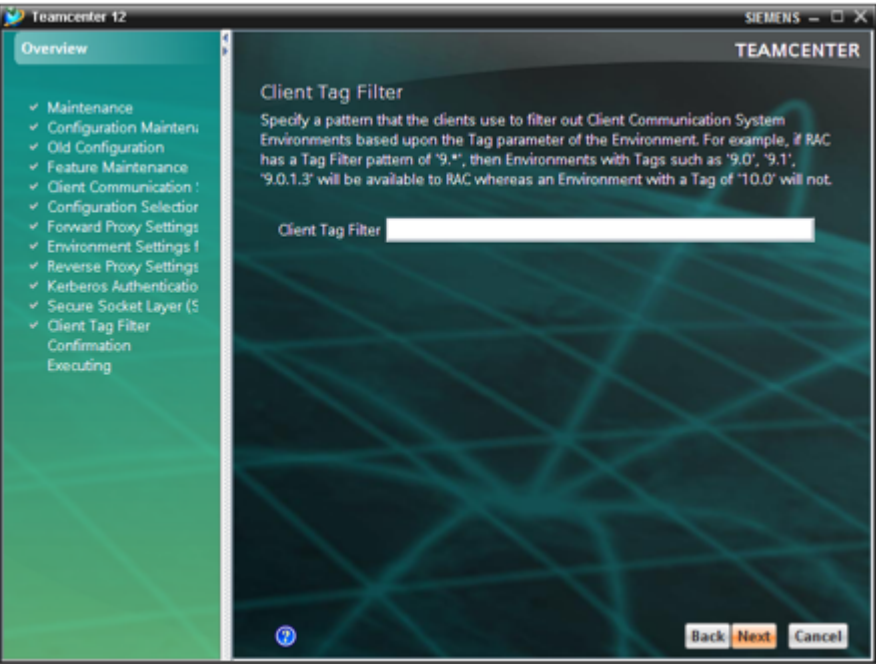
-  Use Internet Explorer Certificate Store (Recommended)





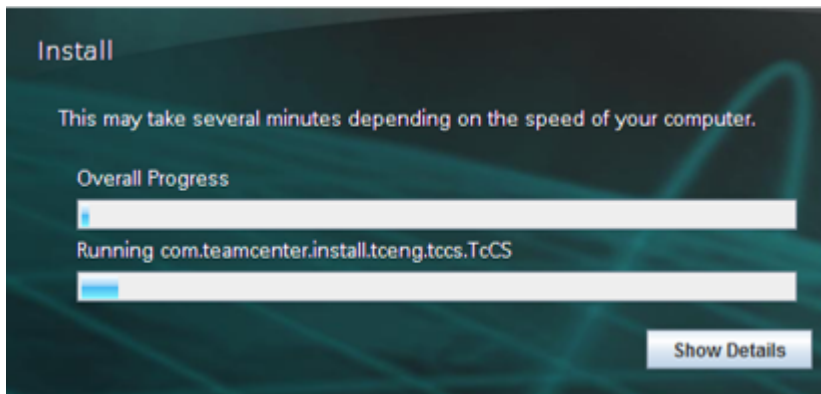
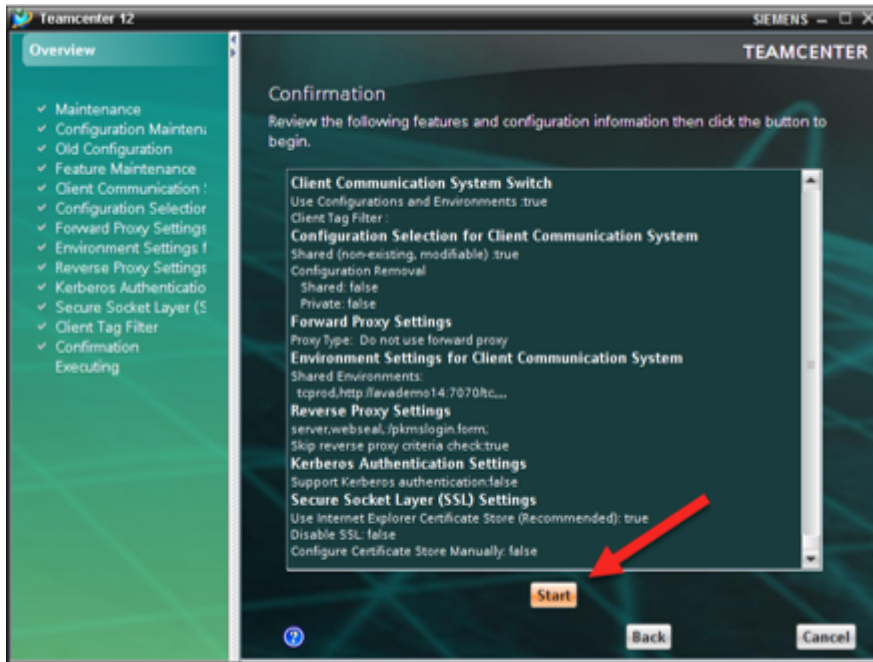
## 2.8 Client Tag Filter

Next...



Confirmation





close

## 2.9 Ergebnis

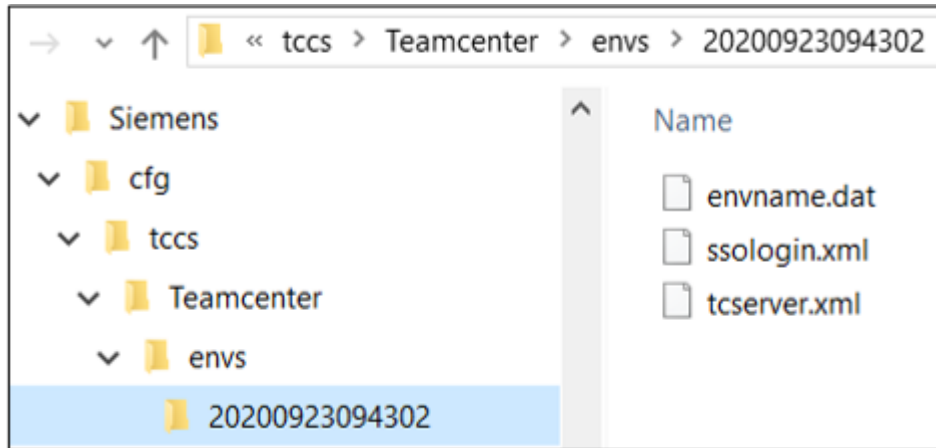
In C:\plm\tc12\portal\plugins\configuration\_12000.2.0\client\_specific.properties

```

66 #
67 # Runtime and custom entries below this line
68 PortalViewer_Cache=C:/plm/tc12/portal/temp
69 PortalViewer_Optional_Licenses=Simplified_Rendering,ECAD,Concept
70 httpServerCount=1
71 portalCommunicationTransport=tccs
72 tccsVersionFilter=
73 jttoasciiCommand=C:/plm/tc12/jtutilities/bin/jttoascii
74 fileCacheEnabled=true
75 iiopServerCount=0
76

```

Siemens Ordner in C:\ProgramData\

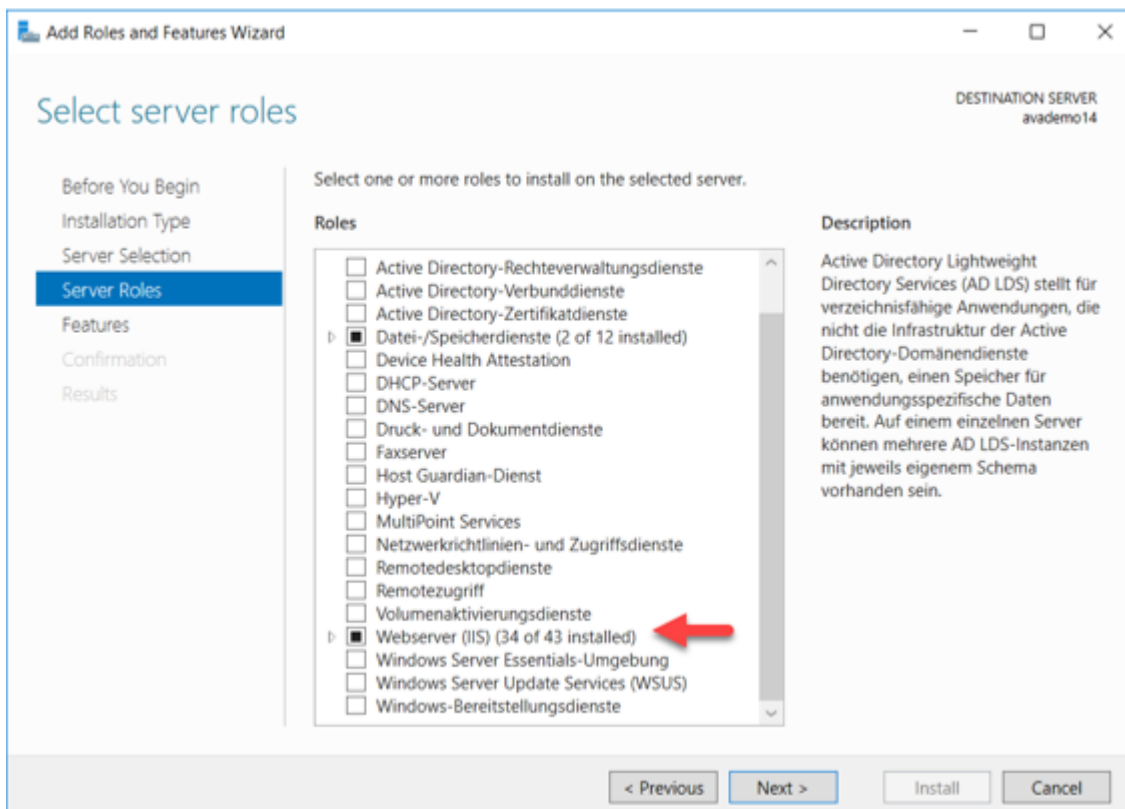
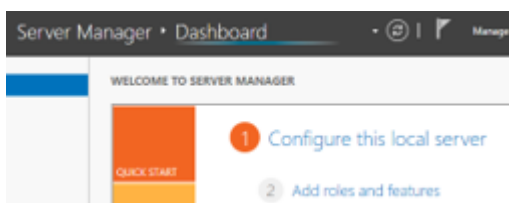


## 3. IIS auf Webserver konfigurieren

Die IIS Webserverkonfiguration wird wegen der Verifizierung Kerberos authentication benötigt.

### 3.1 IIS installieren

#### 3.1.1 Configure Microsoft IIS



## Common HTTP Features

- Default Document
- Directory Browsing
- HTTP Errors
- Static Content
- HTTP Redirection

## Health and Diagnostics

- HTTP Logging
- Logging Tools
- Request Monitor
- Tracing

## Performance

- Static Content Compression
- Dynamic Content Compression

## Security

- Request Filtering
- Basic Authentication
- Client Certificate Mapping Authentication
- Digest Authentication
- IIS Client Certificate Mapping Authentication
- IP and Domain Restrictions
- URL Authorization
- Windows Authentication

## Application Development

- .NET Extensibility 4.x
- ASP
- ASP.NET 4. x
- CGI
- ISAPI Extensions
- ISAPI Filters
- Server Side Includes

### Note

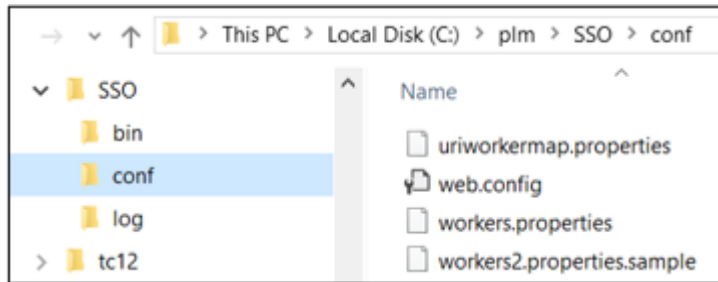
Install only the available **ASP.NET 4.x** role services. Do not install ASP.NET 3.x role services.

## Management Tools

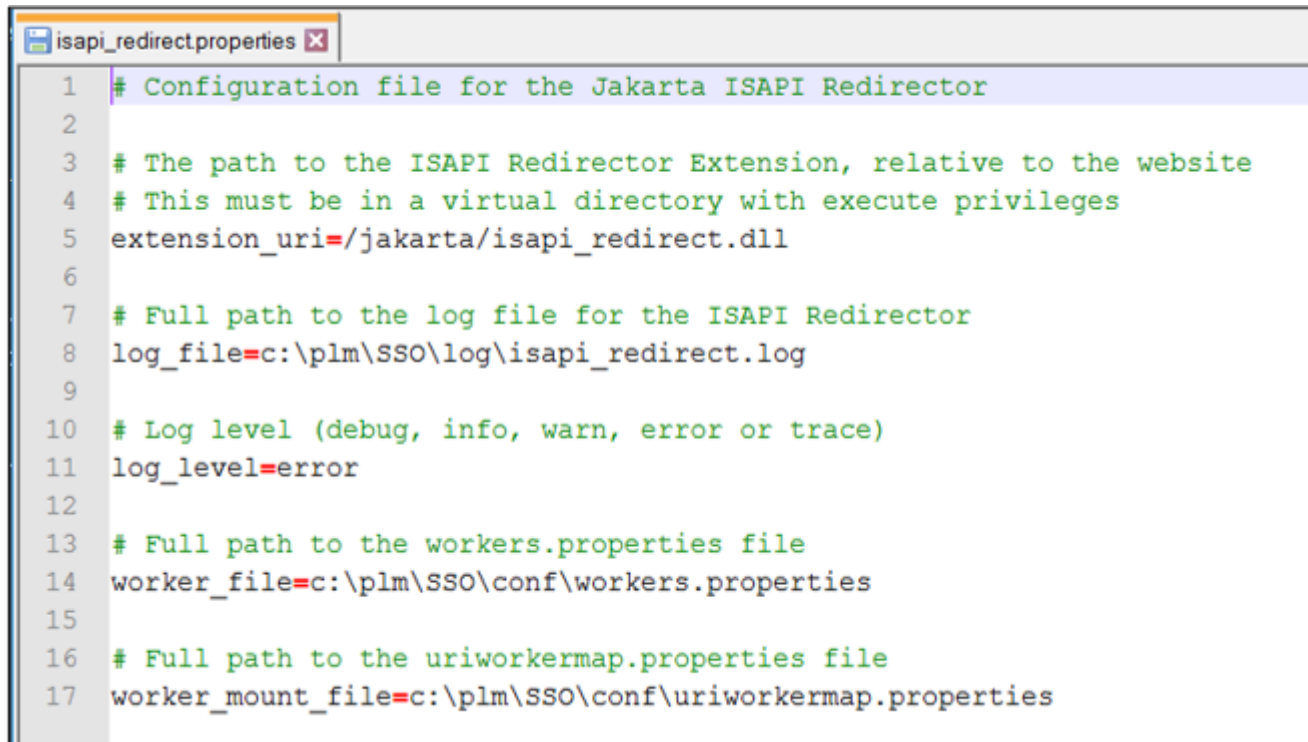
- IIS Management Console

## 4. C:\plm\SSO einrichten

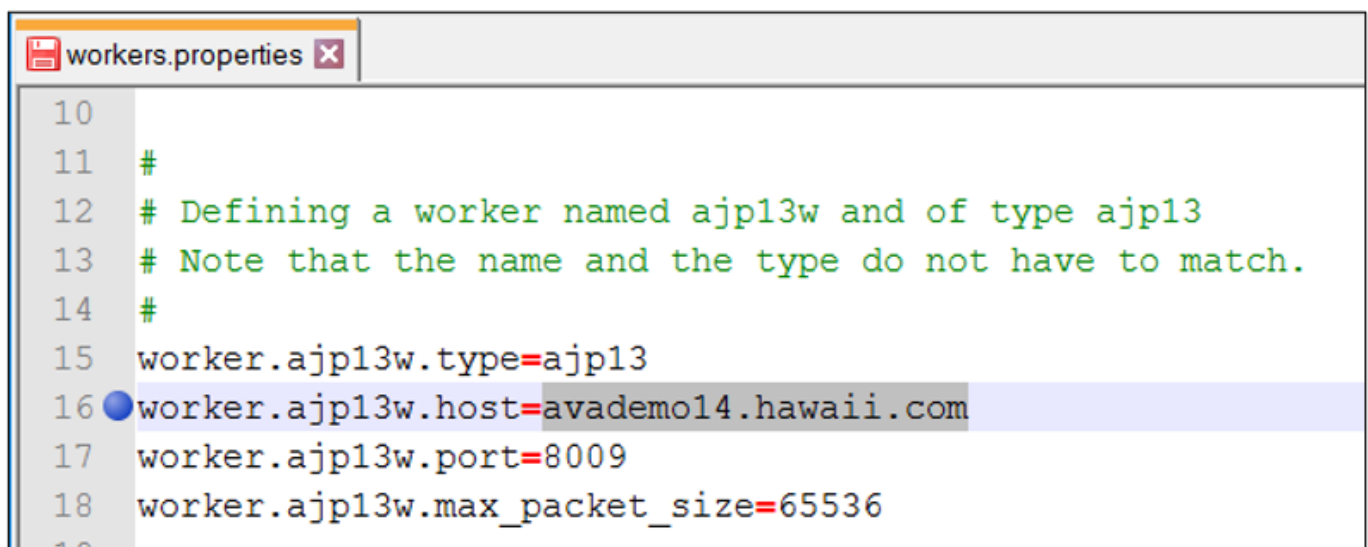
1. Ordner SSO von ... \avaCentralRepository\avaSSO\c\plm\SSO nach c:\plm kopieren



2. Pfade prüfen in: "C:\plm\SSO\bin\isapi\_redirect.properties"



3. In "C:\plm\SSO\conf\workers.properties" host anpassen



## 5. Modify Tomcat server.xml

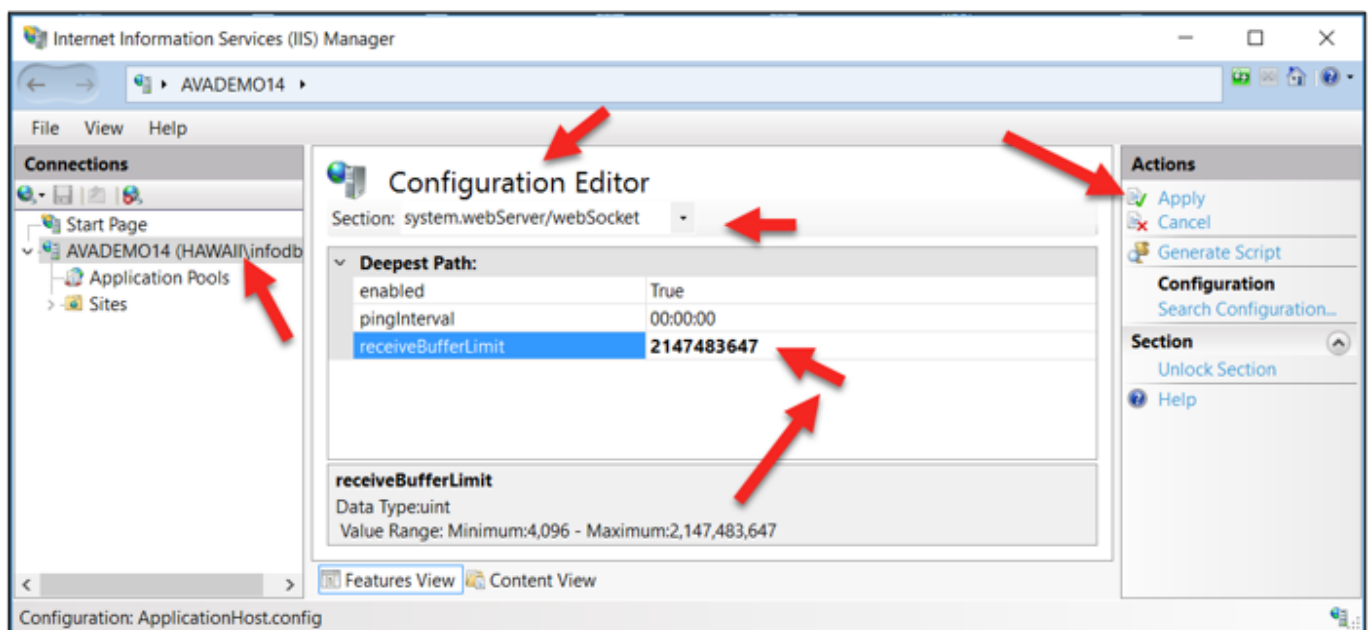
In "C:\plm\webapp\apache-tomcat-9.0.16\conf\server.xml" anpassen:

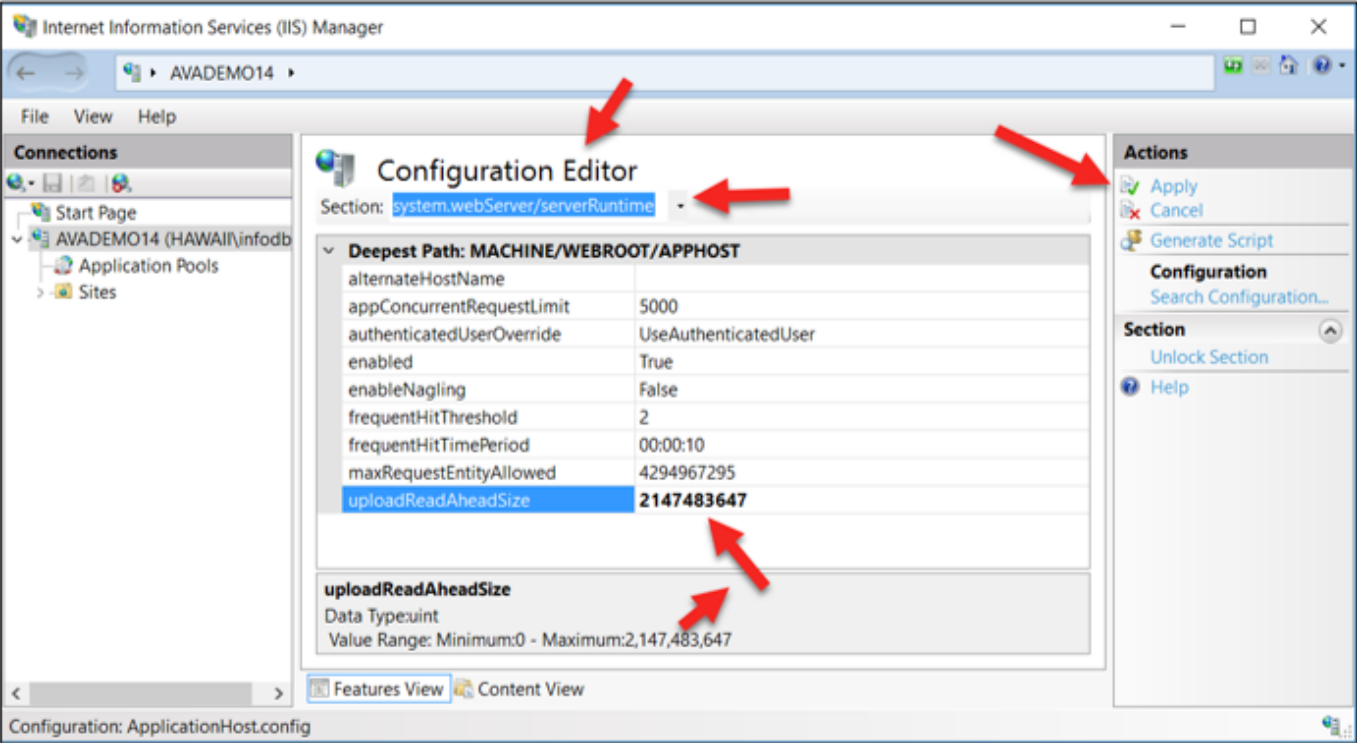
```
server.xml x
114
115      <!-- Define an AJP 1.3 Connector on port 8009 -->
116      <!-- <Connector port="8009" protocol="AJP/1.3" redirectPort="8443" /> -->
117      <Connector port="8009" protocol="AJP/1.3" redirectPort="8443" secretRequired="" maxTh
118
```

```
<!-- <Connector port="8009" protocol="AJP/1.3" redirectPort="8443" /> -->
    <Connector port="8009" protocol="AJP/1.3" redirectPort="8443"
secretRequired="" maxThreads="800" packetSize="65536" URIEncoding="UTF-8"
tomcatAuthentication="false"/>
```

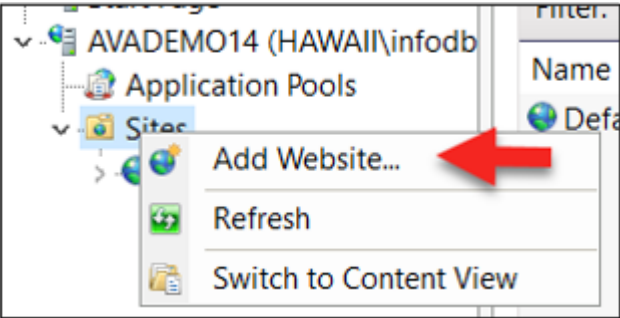
## 6. IIS konfigurieren

### 1. Configuration Editor





2. Website hinzufügen





**Add Website**

Site name:  Application pool:  

**Content Directory**

Physical path:  

Pass-through authentication

**Binding**

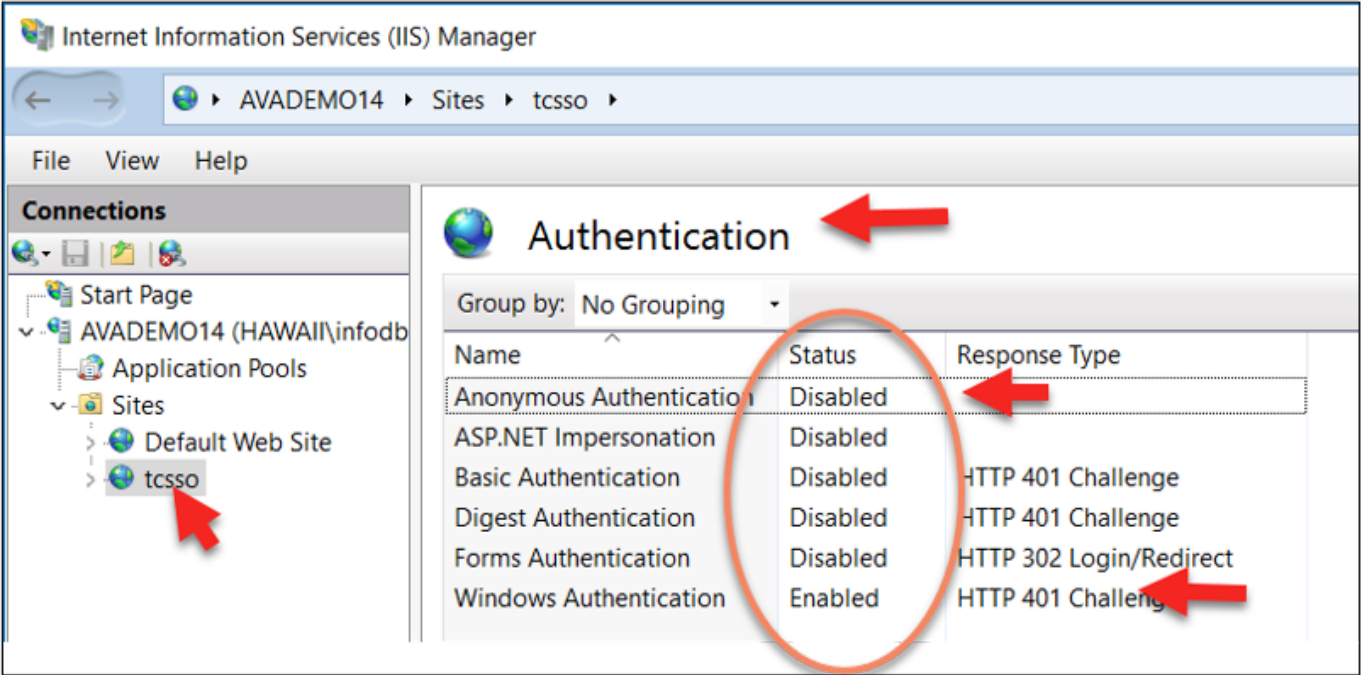
Type:  IP address:  Port:

Host name:

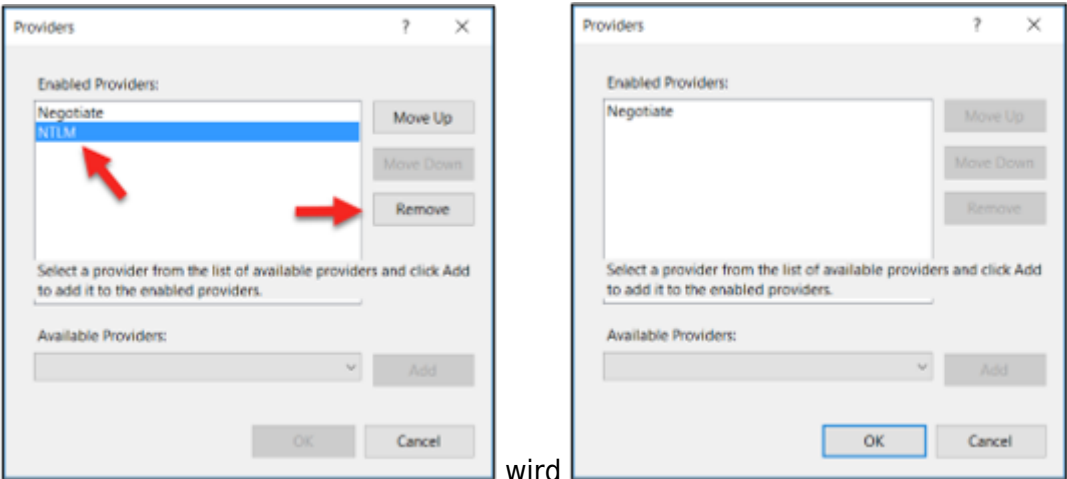
Example: www.contoso.com or marketing.contoso.com

☒ Start Website immediately

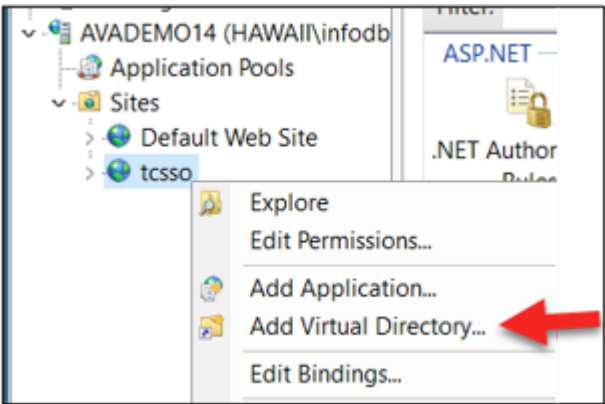
### 3. Remove NTLM



RMB Windows Authentication, Providers



4. Virtuelle Verzeichnis hinzufügen



**Add Virtual Directory** ? X

Site name: tcsso  
Path: /

Alias:  
jakarta

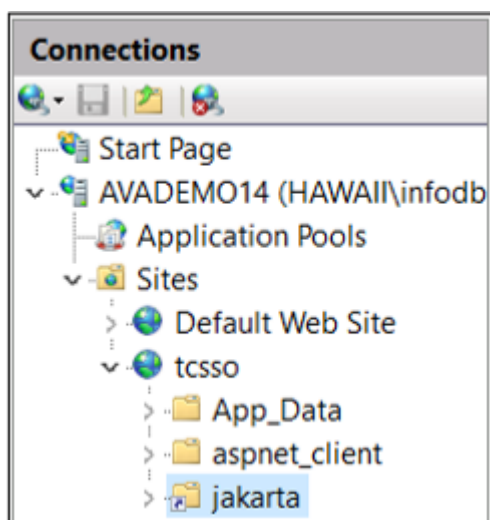
Example: images

Physical path:  
C:\plm\SSO\bin

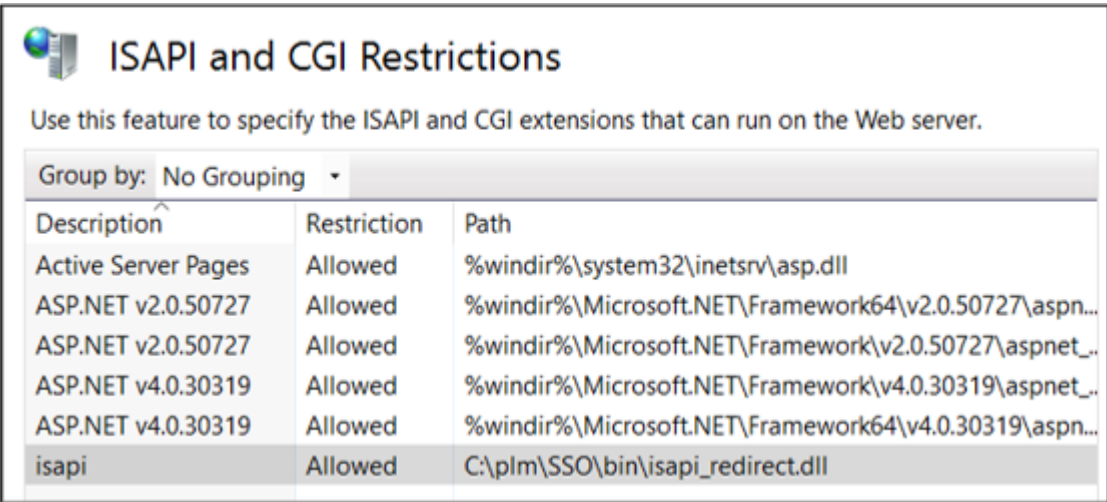
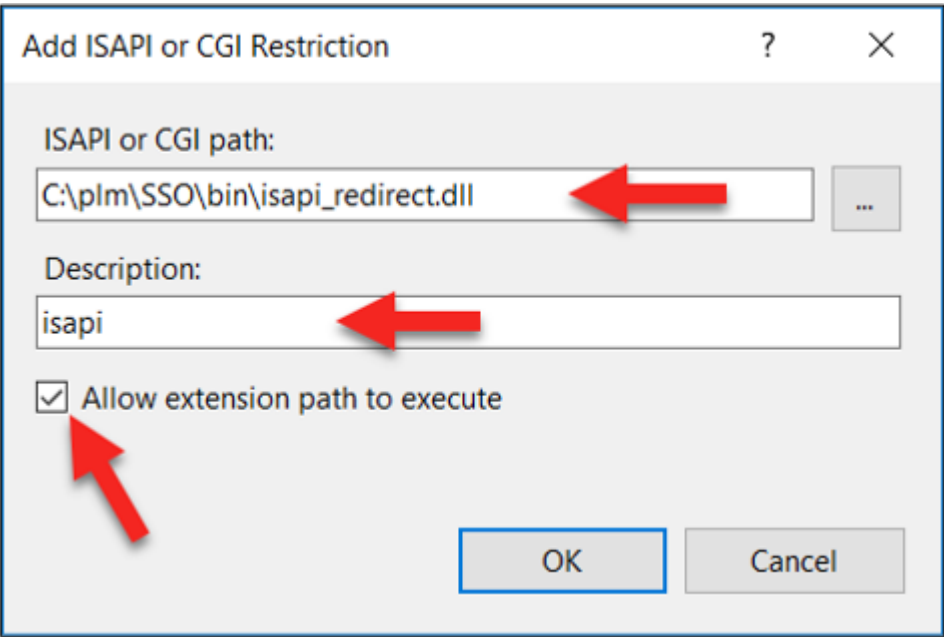
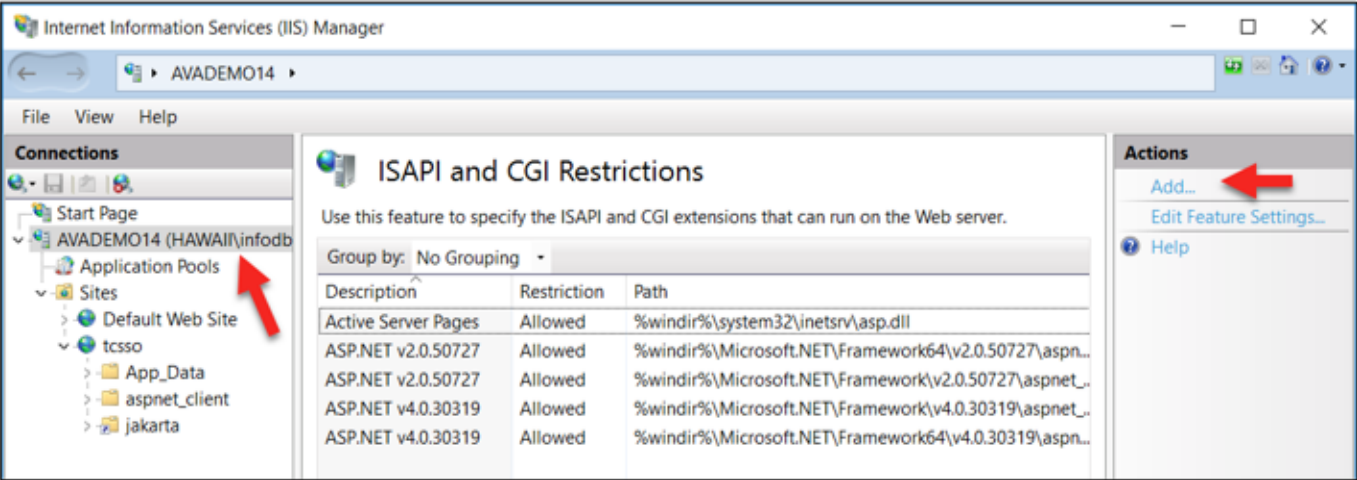
Pass-through authentication

Connect as... Test Settings...

OK Cancel



## 5. ISAPI and CGI Restrictions



6. ISAPI-Filter

Internet Information Services (IIS) Manager

AVADEMO14

File View Help

**Connections**

- Start Page
- AVADEMO14 (HAWAII)\infodbb
  - Application Pools
  - Sites
    - Default Web Site
    - tcsso
      - App\_Data
      - aspnet\_client
      - jakarta

**ISAPI Filters**

Use this feature to configure ISAPI filters that process requests made to the Web server.

Group by: No Grouping

| Name                 | Executable                                           | Entry Type |
|----------------------|------------------------------------------------------|------------|
| ASP.Net_2.0.50727.0  | %windir%\Microsoft.NET\Framework\v2.0.50727\asp...   | Local      |
| ASP.Net_2.0.50727-64 | %windir%\Microsoft.NET\Framework64\v2.0.50727\asp... | Local      |
| ASP.Net_4.0_32bit    | %windir%\Microsoft.NET\Framework\v4.0.30319\asp...   | Local      |
| ASP.Net_4.0_64bit    | %windir%\Microsoft.NET\Framework64\v4.0.30319\asp... | Local      |

**Actions**

- Add...
- View Ordered List...
- Help

Add ISAPI Filter

Filter name:

isapi

Executable:

C:\plm\SSO\bin\isapi\_redirect.dll

OK Cancel

**ISAPI Filters**

Use this feature to configure ISAPI filters that process requests made to the Web server.

Group by: No Grouping

| Name                 | Executable                                           | Entry Type |
|----------------------|------------------------------------------------------|------------|
| ASP.Net_2.0.50727.0  | %windir%\Microsoft.NET\Framework\v2.0.50727\asp...   | Local      |
| ASP.Net_2.0.50727-64 | %windir%\Microsoft.NET\Framework64\v2.0.50727\asp... | Local      |
| ASP.Net_4.0_32bit    | %windir%\Microsoft.NET\Framework\v4.0.30319\asp...   | Local      |
| ASP.Net_4.0_64bit    | %windir%\Microsoft.NET\Framework64\v4.0.30319\asp... | Local      |
| isapi                | C:\plm\SSO\bin\isapi_redirect.dll                    | Local      |

```
Administrator: Command Prompt

Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

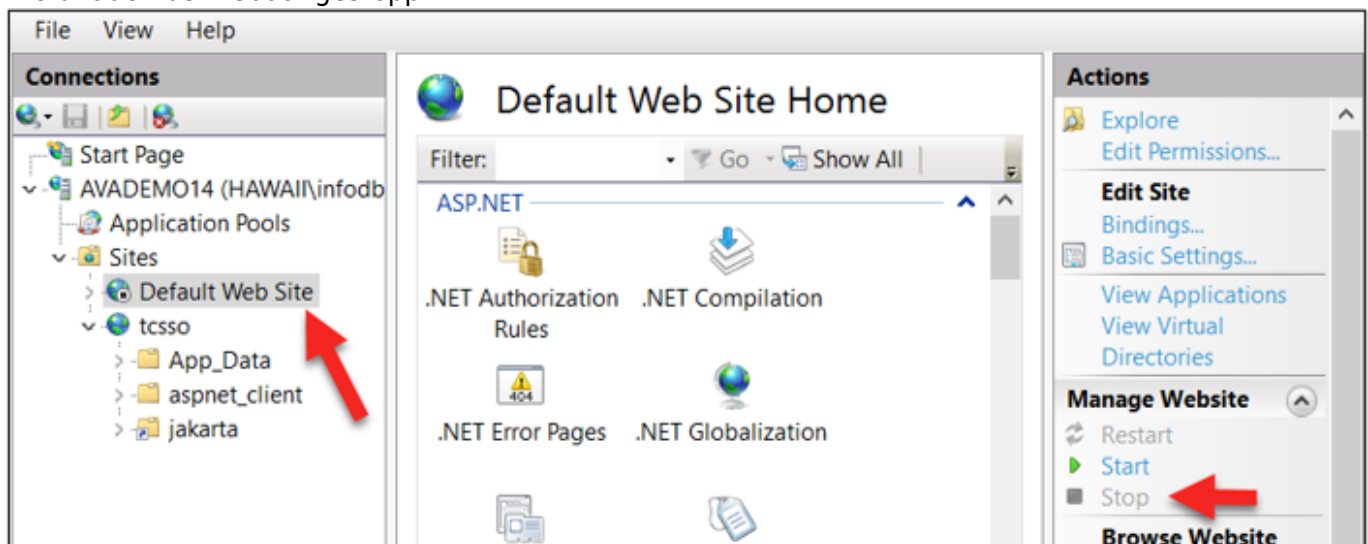
C:\Users\infodba>iisreset ←

Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted

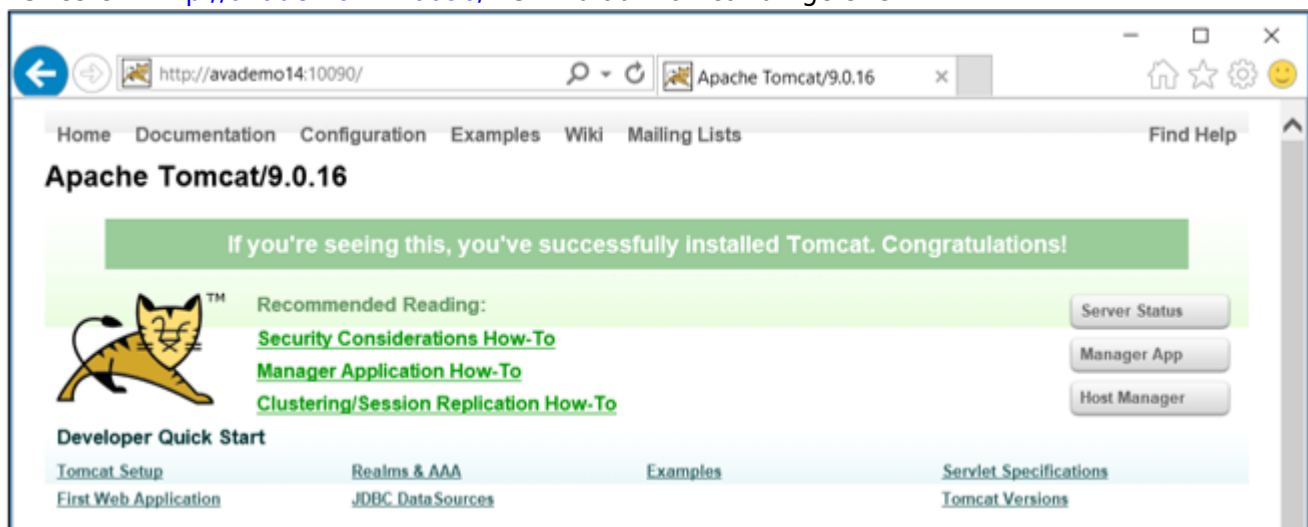
C:\Users\infodba>
```

## 7. Default Web Site deaktivieren

Bleibt auch bei Reboot gestoppt...



IIS testen: <http://avademol4:10090/> IIS wird auf Tomcat umgeleitet



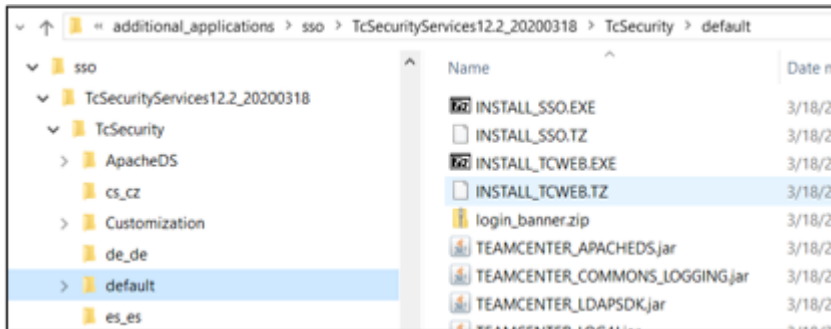


## 7. Installing Security Services

### 7.1 SSO Sources vorbereiten

In aktuell installiertem Patch, z.B.

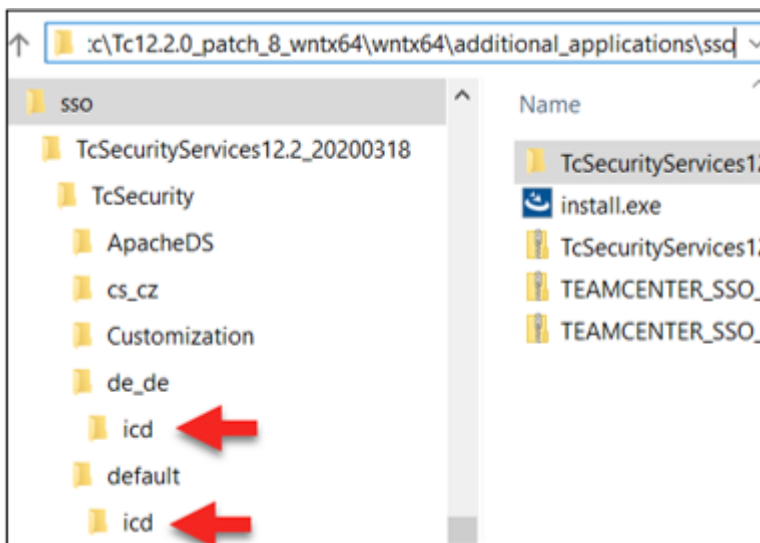
...\Tc12.2.0\_patch\_8\_wntx64\wntx64\additional\_applications\sso\TcSecurityServices12.2\_20200318.zip  
ip  
entpacken:



Folgendes ausführen:

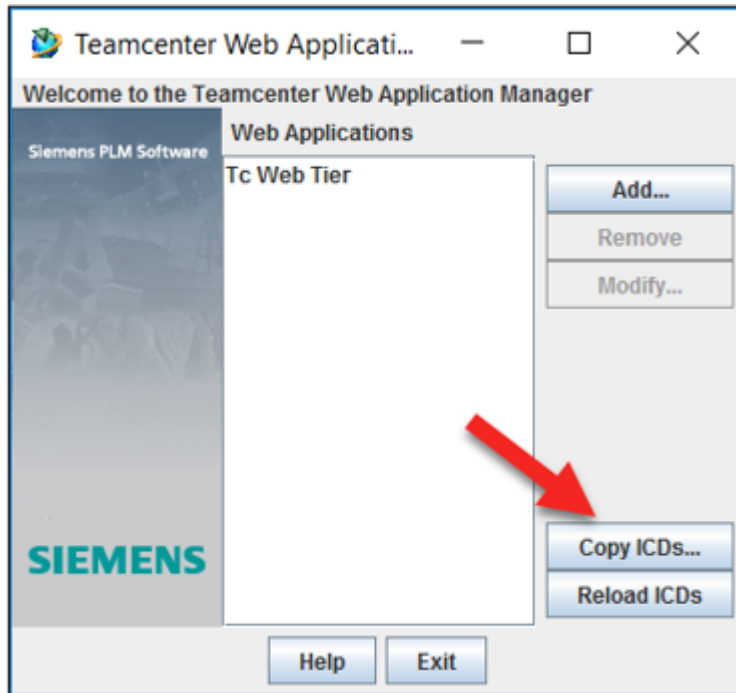
...\wntx64\additional\_applications\sso\TcSecurityServices12.2\_xx\TcSecurity\default\INSTALL\_SSO.EXE  
...\wntx64\additional\_applications\sso\TcSecurityServices12.2\_xx\TcSecurity\de\_de\INSTALL\_SSO\_DE\_DE.EXE

Ergebnis: icd Folders

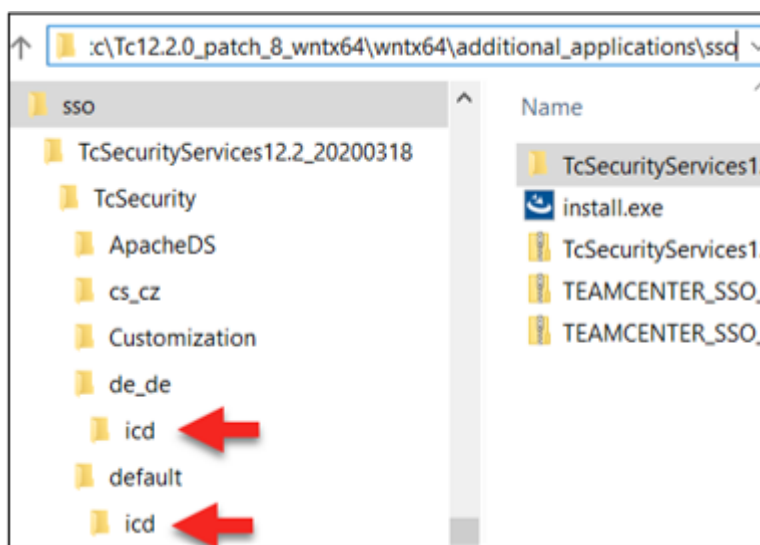


### 7.2 SSO ICD kopieren

Start "C:\plm\web\_tier\insweb.bat«



Zuvor extrahierte ICD einlesen



## 8. Tss-logiservice erstellen

### 8.1 Create the Login Service

1. Start the Web Application Manager

- c:\plm\web\_tier\insweb.bat

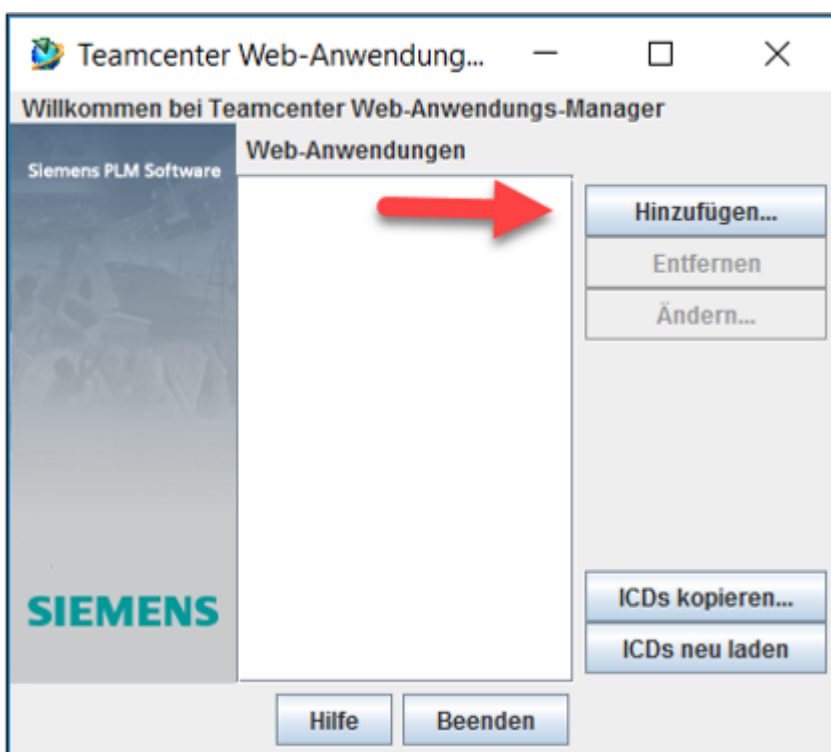
```
C:\Windows\system32\cmd.exe

C:\plm\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_de_DE ... succeeded.
Loading of com.teamcenter.install.insweb.struct.TextBundle_de_DE ... succeeded.
Loading of com.teamcenter.install.common.gui.TextBundle_de_DE ... succeeded.
```

Java must be installed...

Teamcenter Web-Anwendungs-Manager

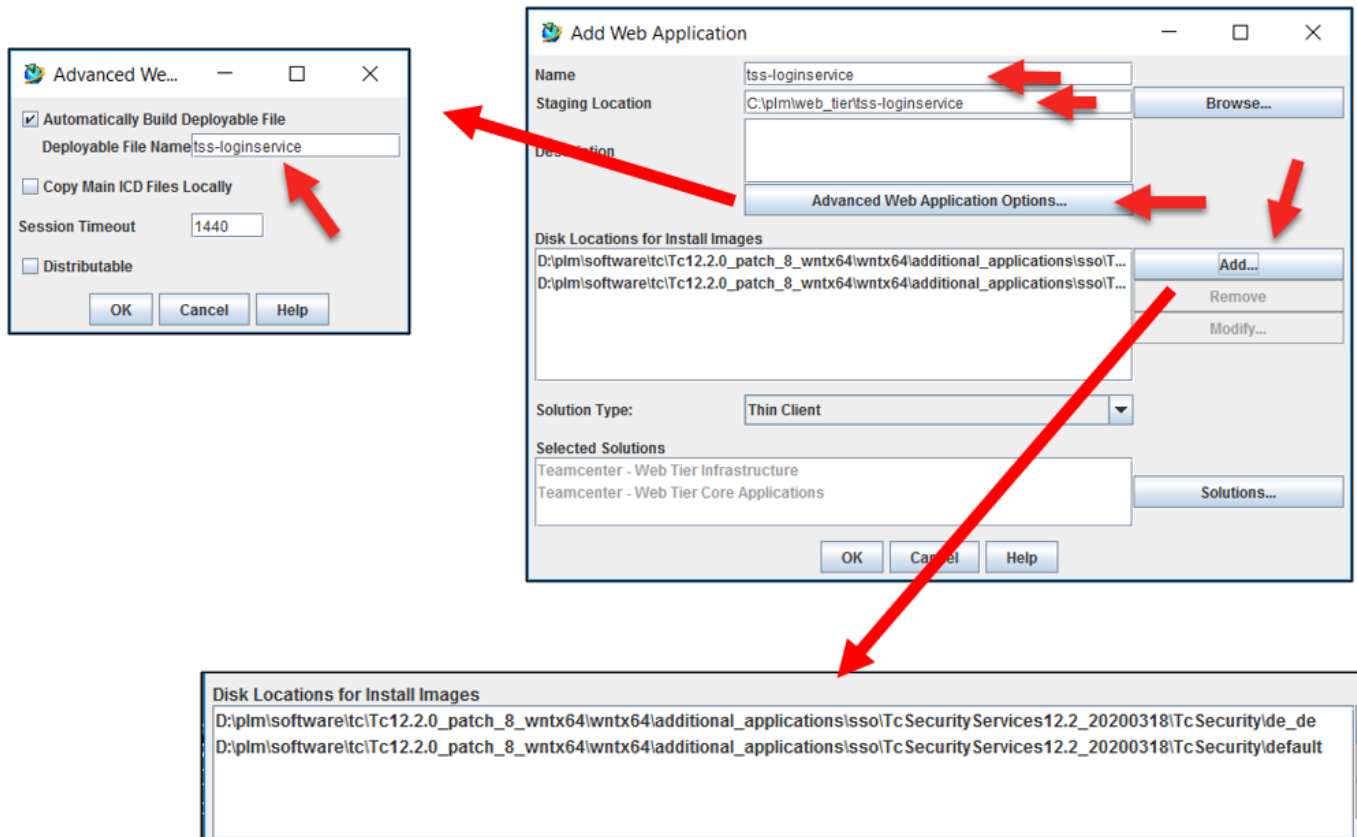
- Select: **Hinzufügen...**



## 2. Add Web Application

- Name: tss-loginservice
- Staging Location: c:\plm\web\_tier\tss-loginservice
- Advanced Web Application Options...

Zu verwendende Datei: tss-loginservice



### 3. Disk Locations for Install Images

- Add...

#### Enter disk locations

The Disk Locations for Install Images box contains the default path to the installation files for the Teamcenter solutions on the software distribution image. For this install, select the directory containing the **INSTALL\_TCWEB.EXE/TZ** and **INSTALL\_SSO.EXE/TZ** files for your system. You can change this default path if necessary by selecting one default path and clicking **Modify**.

#### Note

Additional language support requires the same process for each **INSTALL\_SSO\_locale.EXE** file. Add this location to the list of disk locations. For example, the *install-root\ide\_de* location contains the following files for the German language:

- TEAMCENTER\_SSO\_LOGINSERVICE\_DE\_DE.jar
- TEAMCENTER\_SSO\_LDAPIDPROVIDER\_DE\_DE.jar
- TEAMCENTER\_SSO\_LOGINSERVICE\_HELP\_DE\_DE.jar

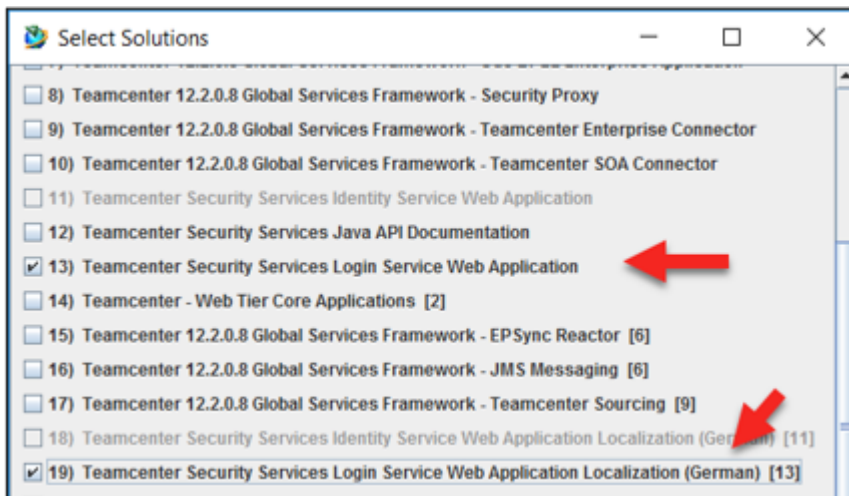
### 4. Solution Typ: → Thin Client

**Lösungstyp:** Thin Client

### 5. Selected Solutions

**Solutions...**

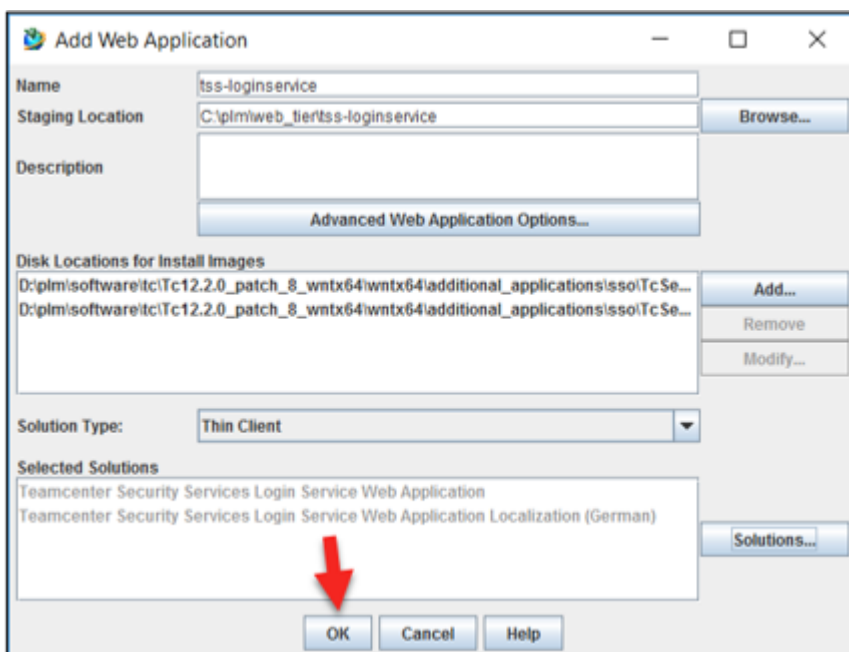
- Select the following:
  - **Security Services Login Service Web Application** (required)
  - **Language** (optional)



- Confirm with: OK

## 6. Terminate Add Web Application

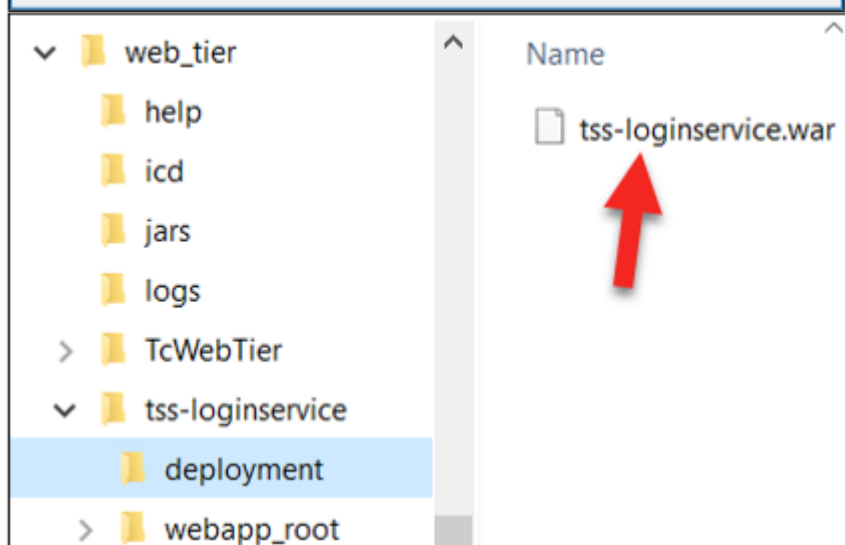
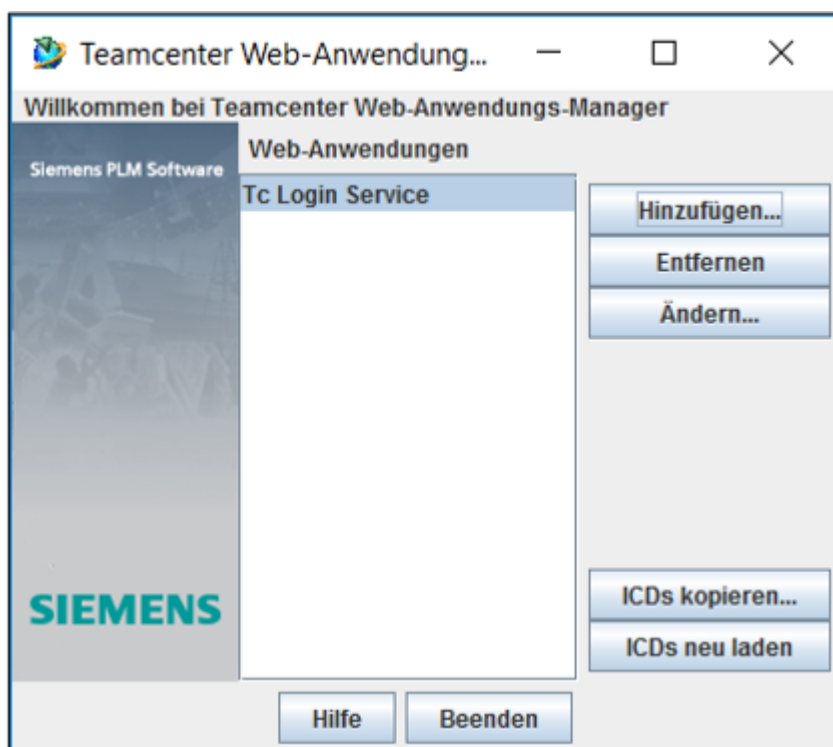
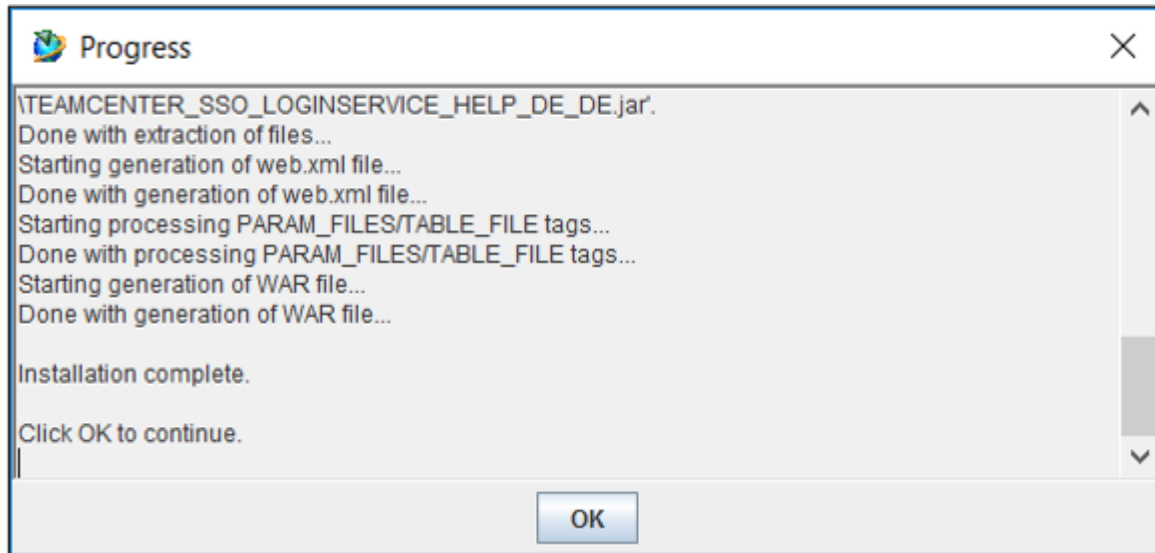
- Check entries...



- Confirm with: OK

## 7. Progress:

- Confirm with: OK

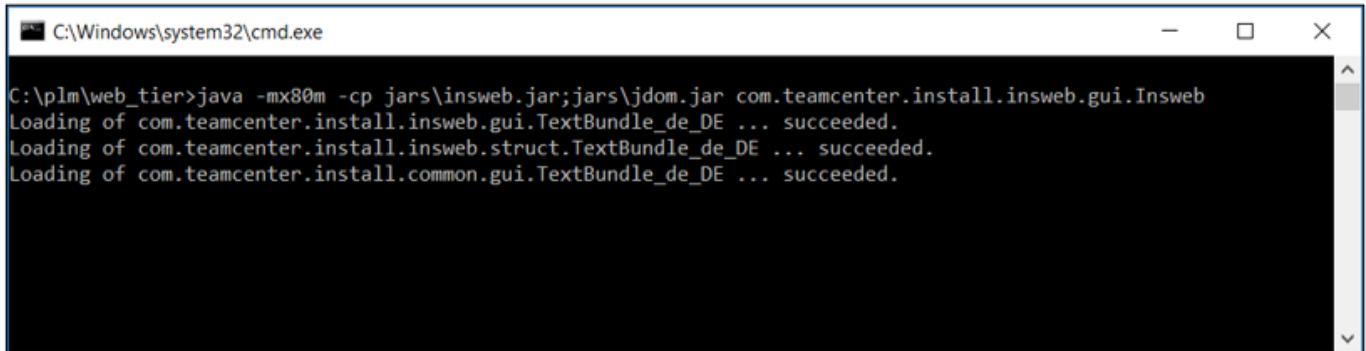


## 9. Tss-idservice erstellen

### 9.1 Create the Identity Service

#### 1. Start the Web Application Manager

- c:\plm\web\_tier\insweb.bat

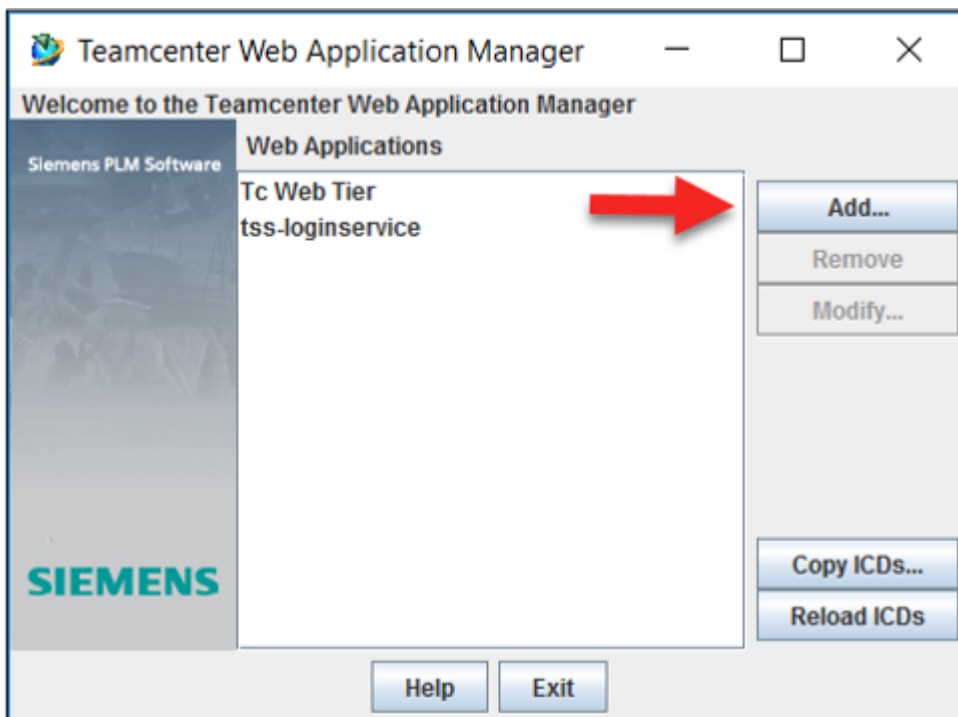


```
C:\Windows\system32\cmd.exe

C:\plm\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_de_DE ... succeeded.
Loading of com.teamcenter.install.insweb.struct.TextBundle_de_DE ... succeeded.
Loading of com.teamcenter.install.common.gui.TextBundle_de_DE ... succeeded.
```

#### Teamcenter Web-Anwendungs-Manager

- Select: **Hinzufügen...**

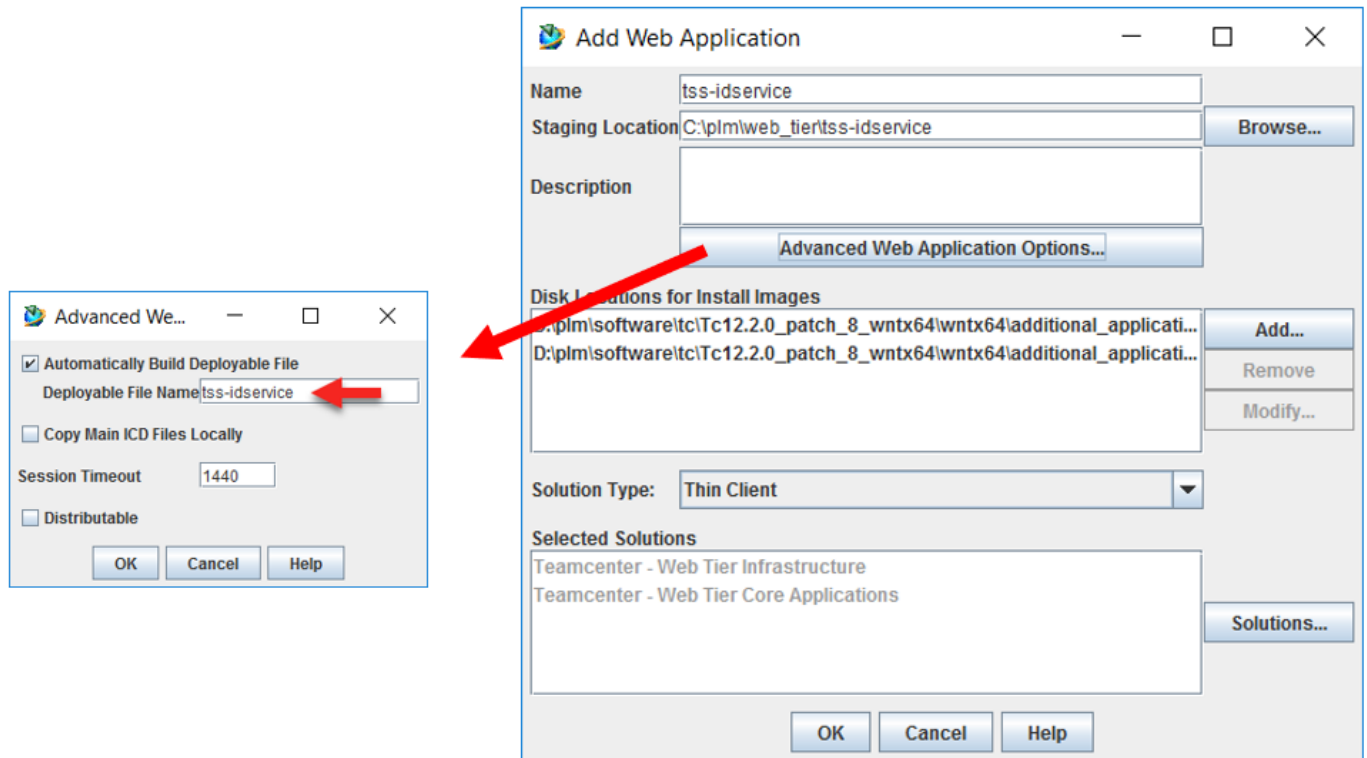


#### Add Web Application

- Name: tss-idservice
- Staging Location: c:\plm\web\_tier\tss-idservice
- Advanced Web Application Options...

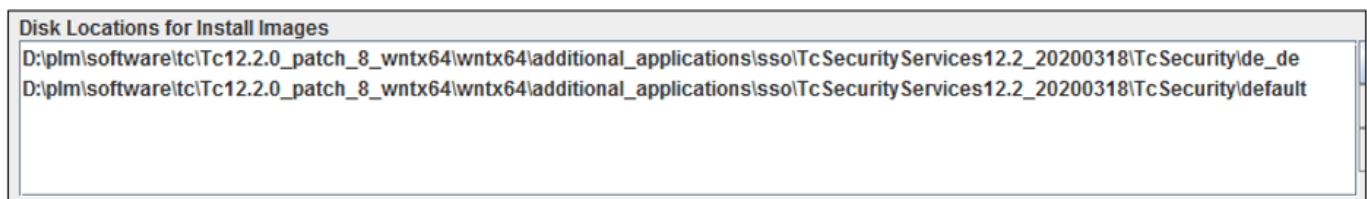
Zu verwendende Datei: tss-idservice



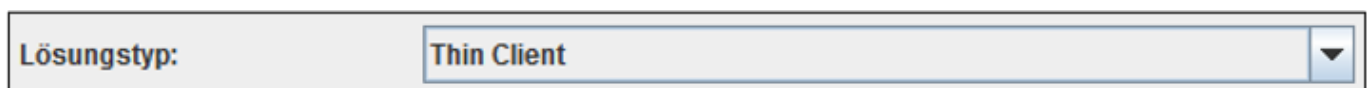


## 2. Disk Locations for Install Images

- Add...



## 3. Solution Typ: → Thin Client

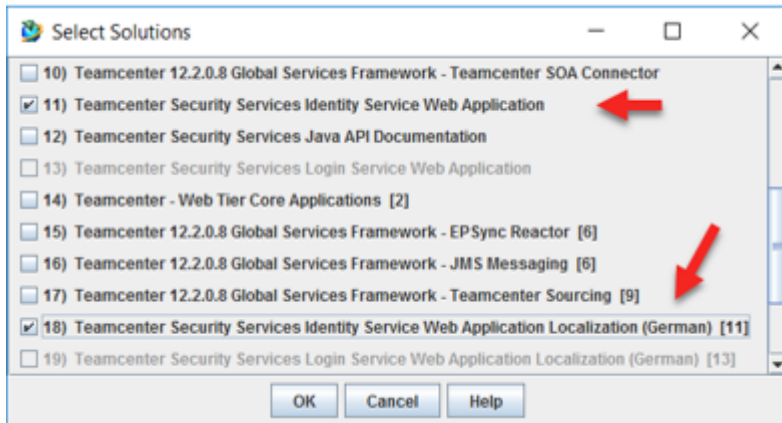


## 4. Selected Solutions



Select the following:

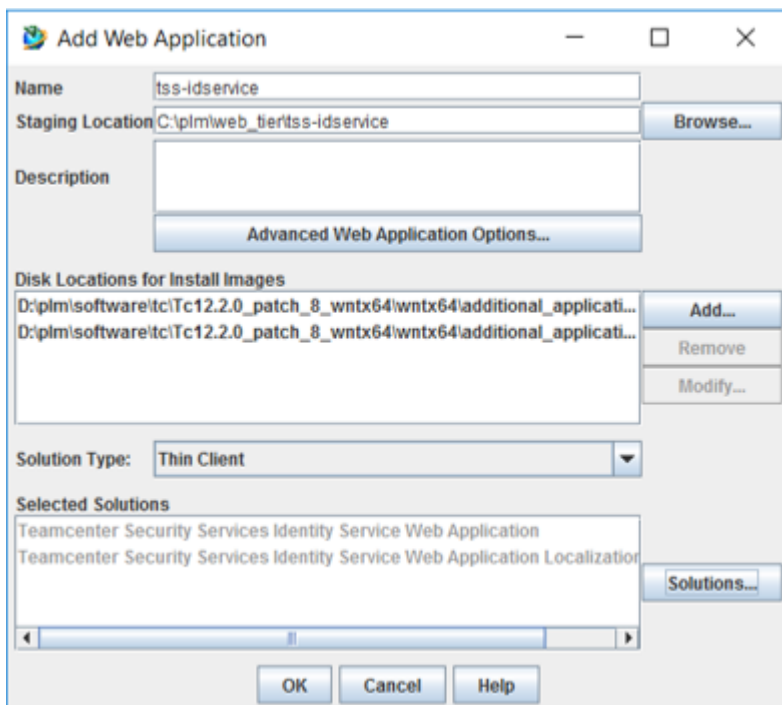
- **TC Security Services Identity Service Web Application** (required)
- **Language** (optional)



- Confirm with: OK

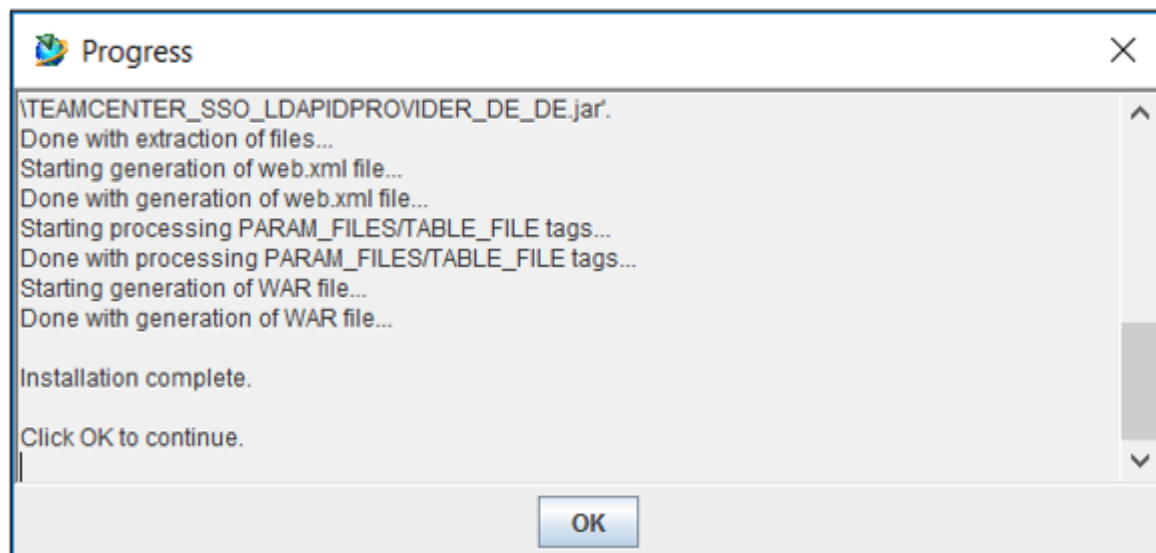
Terminate Add Web Application

- Check entries...

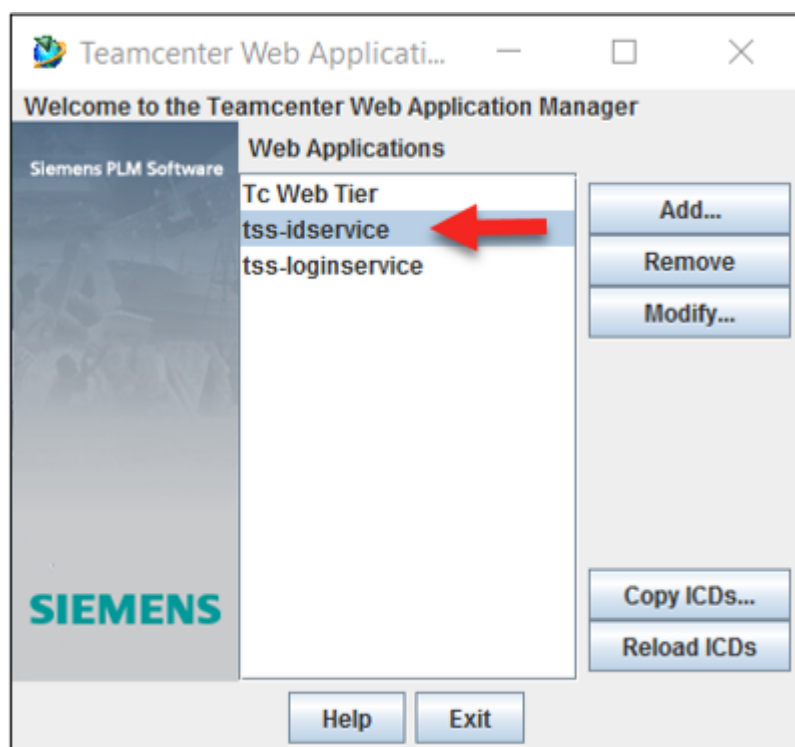


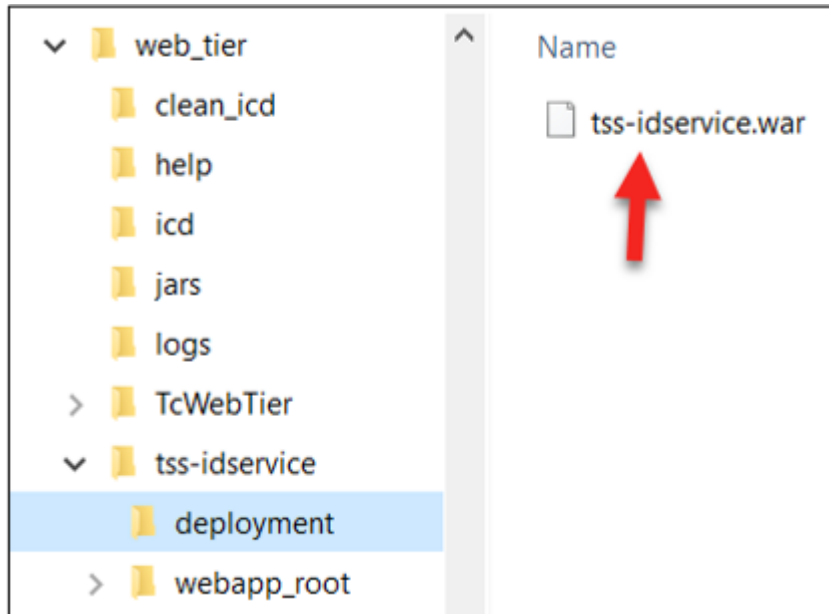
- Confirm with: OK

5. Progress:



- Confirm with: **OK**

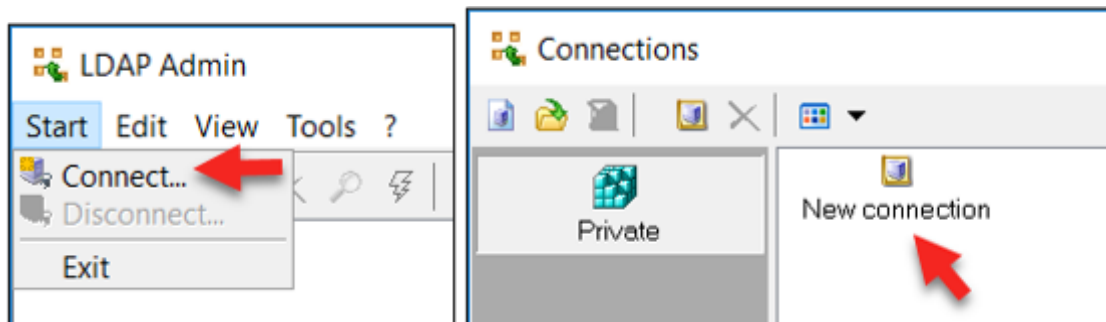




## 10. Tss-loginservices anpassen

### 10.1 LdapAdmin

#### 10.1.1 Mit LdapAdmin Loginuser überprüfen



Connection properties

Connection name:

General Options Attributes

Connection:

Host:  Port:  Version:

Base:

☒ Simple authentication  
☐ GSS-API

Account

Username:

Password:

☐ Anonymous connection

Ldapadmin

 Connection is successful.

### 10.1.2 tss-loginservice anpassen, Modify Tables

Teamcenter Web Applicati...

Welcome to the Teamcenter Web Application Manager

Siemens PLM Software

Web Applications

|                  |                                          |
|------------------|------------------------------------------|
| Tc Web Tier      | <input type="button" value="Add..."/>    |
| tss-idservice    | <input type="button" value="Remove"/>    |
| tss-loginservice | <input type="button" value="Modify..."/> |

**Modify Web Application**

Name:

Staging Location:

Description:

Solution Type: **Thin Client**

Installed Solutions:

- Teamcenter Security Services Login Service Web Application
- Teamcenter Security Services Login Service Web Application Localization (German)

ICD Files Last Copied: <No copy done>

Buttons: OK, Cancel, Help

Right Panel Buttons:

- Modify Web Application Information...
- Modify Disk Locations...
- Modify Context Parameters...
- Modify Tables...
- Add Solutions...
- Reinstall Solutions...
- Generate Deployable File...
- Copy ICD Files...
- View Component Versions...



**Modify...**

Tables

Login Input Definitions

Buttons: OK, Cancel, Help

Modify...



**Modify Table**

Table: Login Input Definitions

| name                 | where | required | idpkey      |
|----------------------|-------|----------|-------------|
| tcsso_username       | form  | true     | User        |
| tcsso_password       | form  | false    | Password    |
| tcsso_newpassword    | form  | false    | NewPassword |
| tcsso_confirmpass... | form  | false    | NotNeeded   |
| tcsso_locale         | form  | false    | UserLocale  |

Buttons: Add Row..., Remove Row

Table Description

The value must be of type 'BOOLEAN'. This column requires a value in each field.

\* idpkey: This defines the corresponding key name as known within the underlying identity provider.

The value must be of type 'STRING'. This column requires a value in each field.

Buttons: OK, Cancel, Help



### 10.1.3 tss-loginservice anpassen, Modify Context Parameters

**Modify Web Application**

Name: tss-loginservice

Staging Location: C:\plm\web\_tier\tss-loginservice

Description:

Solution Type: Thin Client

Installed Solutions

- Teamcenter Security Services Login Service Web Application
- Teamcenter Security Services Login Service Web Application Localization (German)

ICD Files Last Copied: <No copy done>

Buttons on the right:

- Modify Web Application Information...
- Modify Disk Locations...
- Modify Context Parameters...
- Modify Tables...
- Add Solutions...
- Reinstall Solutions...
- Generate Deployable File...
- Copy ICD Files...
- View Component Versions...

Buttons at the bottom:

- OK
- Cancel
- Help

|                                                         |                                                                                                             |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>tcsso.login_service.sso_service_url:</b>             | <a href="http://avademo14.hawaii.com:7070/tss-idservice">http://avademo14.hawaii.com:7070/tss-idservice</a> |
| <b>identityServicePassword:</b>                         | sicheres Passwort eingeben: 1nFodbAA                                                                        |
| <b>tcsso.behind_sso_gateway:</b>                        | true                                                                                                        |
| <b>tcsso.gateway.field.type:</b>                        | remote_user                                                                                                 |
| <b>tcsso.gateway.field.name:</b>                        | REMOTE_USER                                                                                                 |
| <b>tcsso.login_service.enable_session_agent_applet:</b> | false                                                                                                       |
| <b>tcsso.login_service.enableCsrf:</b>                  | false                                                                                                       |

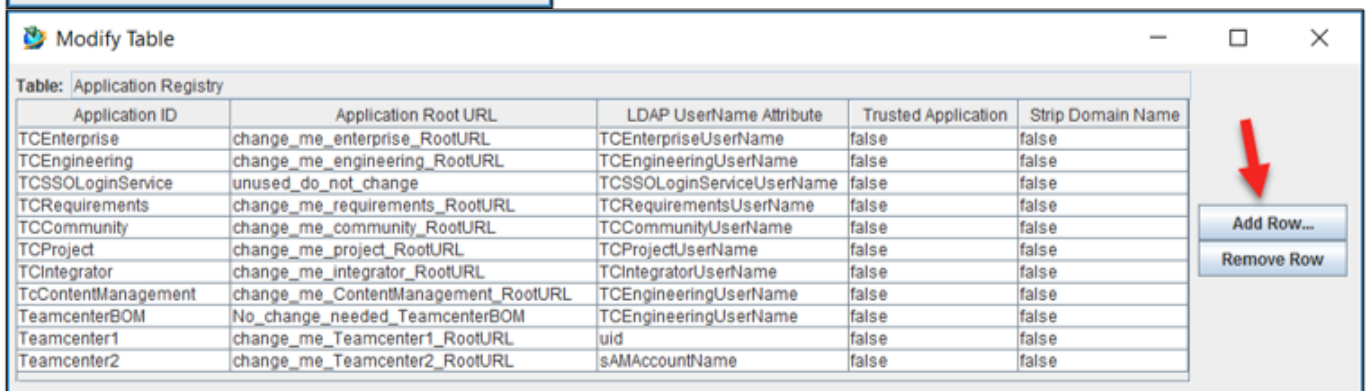
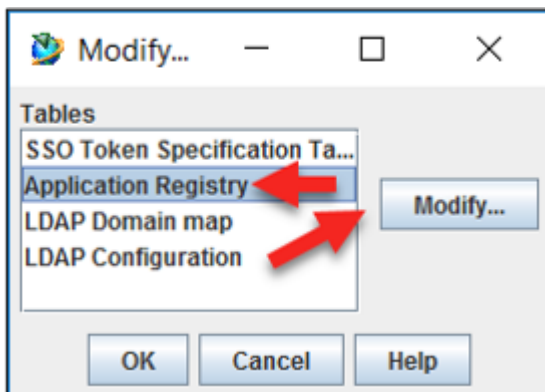
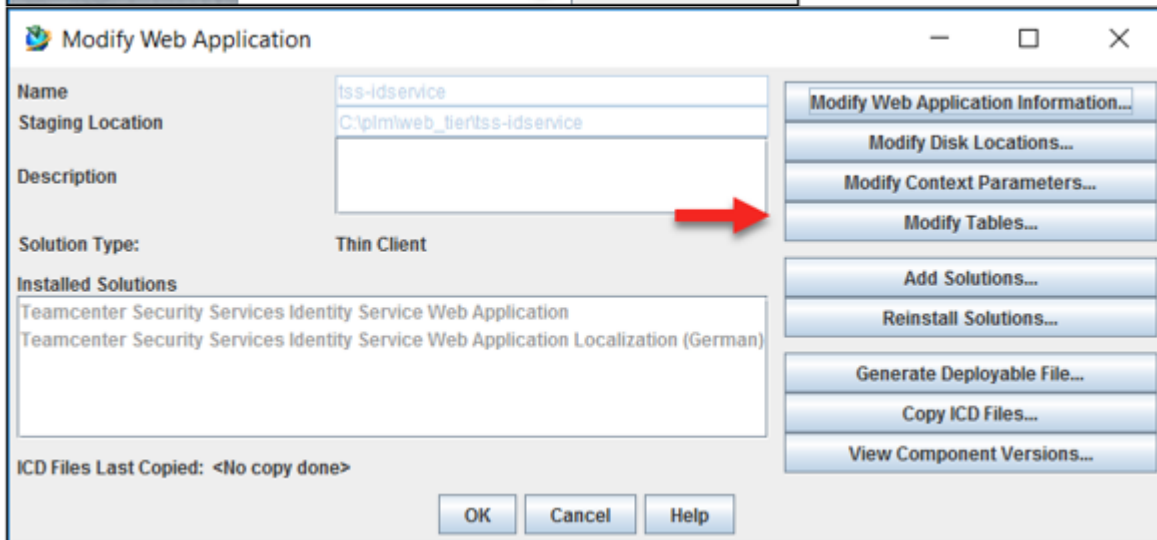
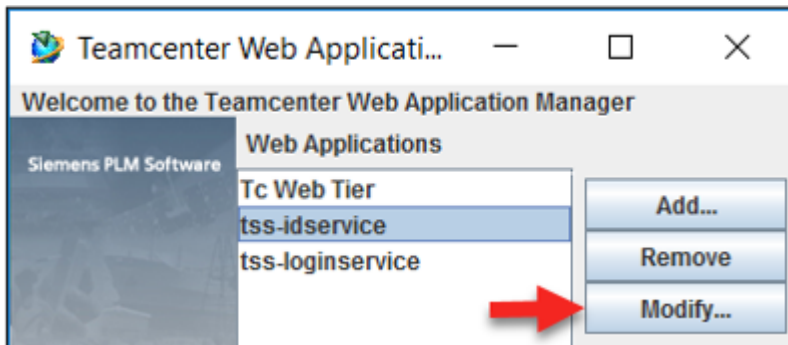


| Context Parameters       |                                                 |                                                 |
|--------------------------|-------------------------------------------------|-------------------------------------------------|
| Req                      | Name                                            | Value                                           |
| <input type="checkbox"/> | webmaster                                       | change_me_webmaster_name@change_me_email_domain |
| <input type="checkbox"/> | tcsso.login_service.appid                       | TCSSOLoginService                               |
| <input type="checkbox"/> | tcsso.login_service.http_connection_close       | keep-alive                                      |
| <input type="checkbox"/> | tcsso.login_service.rp_cookieNamePattern        | PD-H-SESSION-ID, PD-S-SESSION-ID, SMSESSION     |
| <input type="checkbox"/> | tcsso.login_service.proxyURL                    |                                                 |
| <input type="checkbox"/> | tcsso.login_service.sso_service_url             | http://avademio14.hawaii.com:7070/tss-idservice |
| <input type="checkbox"/> | identityServicePassword                         | *****                                           |
| <input type="checkbox"/> | tcsso.behind_sso_gateway                        | true                                            |
| <input type="checkbox"/> | tcsso.gateway.field.type                        | remote_user                                     |
| <input type="checkbox"/> | tcsso.gateway.field.name                        | REMOTE_USER                                     |
| <input type="checkbox"/> | tcsso.username.filter.class                     |                                                 |
| <input type="checkbox"/> | tcsso.client.enable.notice.consent.logon.banner | false                                           |
| <input type="checkbox"/> | tcsso.forgotten.password.URL                    |                                                 |
| <input type="checkbox"/> | tcsso.online_help.enable                        | true                                            |
| <input type="checkbox"/> | tcsso.login_service.enable_session_agent_applet | false                                           |
| <input type="checkbox"/> | tcsso.login_service.force_web_browser_login     | false                                           |
| <input type="checkbox"/> | tcsso.frame_ancestors                           | none                                            |
| <input type="checkbox"/> | tcsso.federation_type                           | none                                            |
| <input type="checkbox"/> | tcsso.federation_url                            |                                                 |
| <input type="checkbox"/> | tcsso.federation_reply_url                      |                                                 |
| <input type="checkbox"/> | tcsso.federation_logout_url                     |                                                 |
| <input type="checkbox"/> | tcsso.cors_whitelist                            |                                                 |
| <input type="checkbox"/> | DEBUG                                           | warn                                            |
| <input type="checkbox"/> | tcsso.login_service.enableCsrf                  | false                                           |



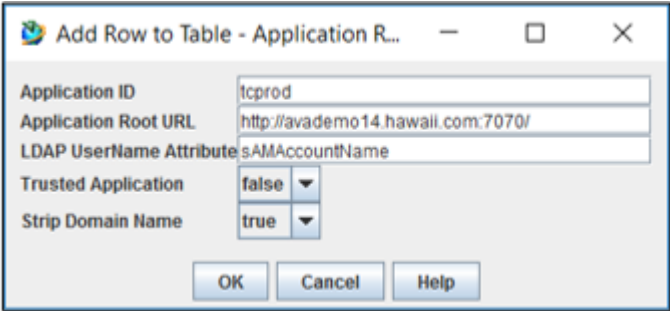
## 10.2 Tss-idservices anpassen

### 10.2.1 tss-idservice anpassen, Modify Tables

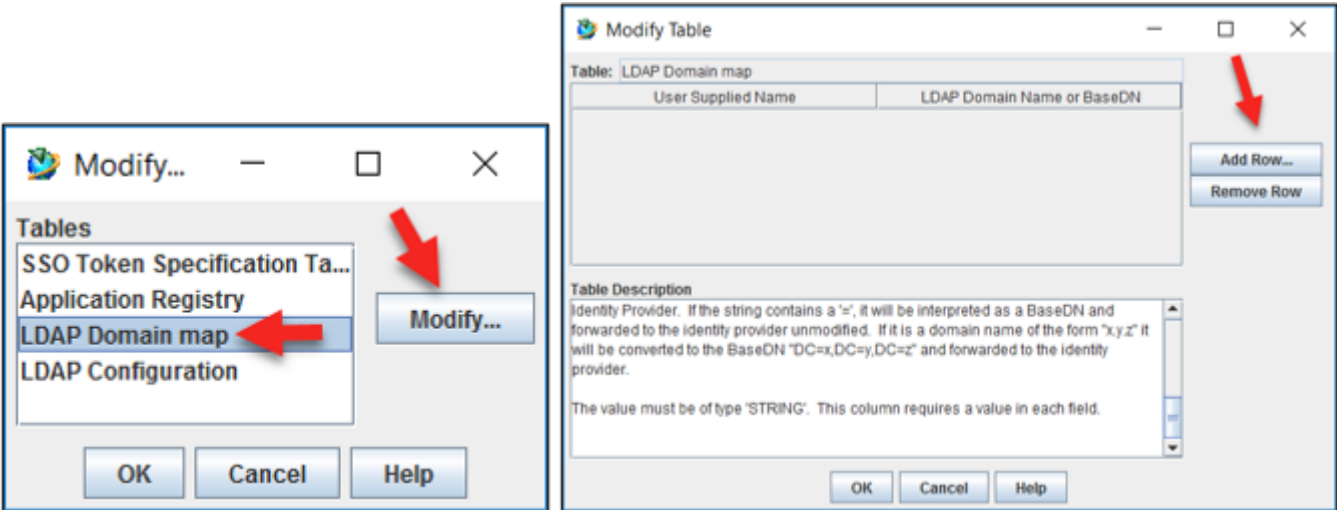
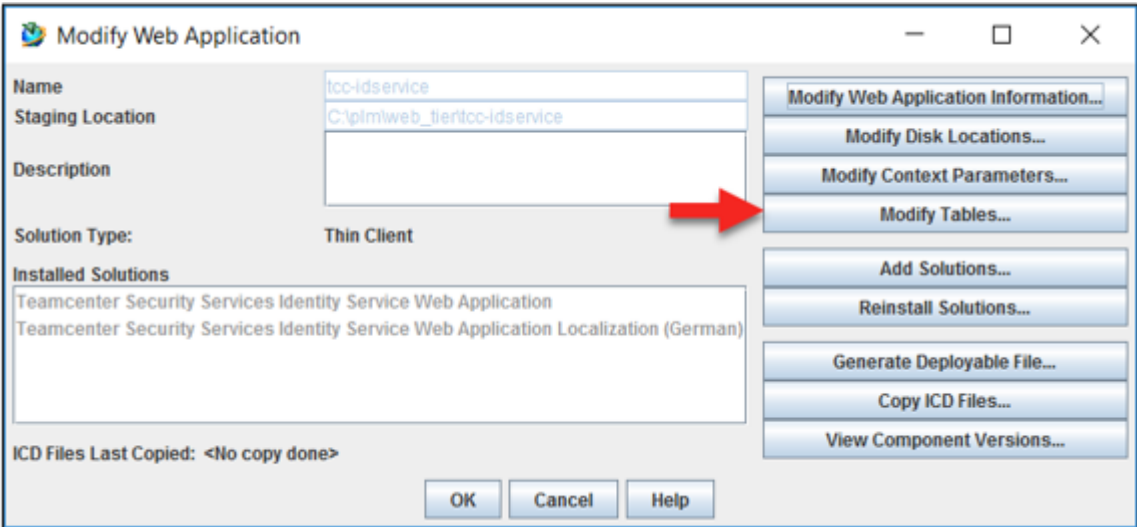


|                              |                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------|
| <b>Application ID:</b>       | tcprod (SID...)                                                                   |
| <b>Application Root URL:</b> | <a href="http://avademo14.hawaii.com:7070/">http://avademo14.hawaii.com:7070/</a> |

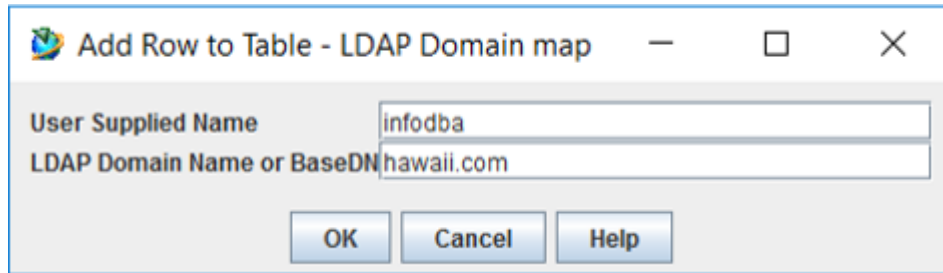
|                                 |                |
|---------------------------------|----------------|
| <b>LDAP UserName Attribute:</b> | sAMAccountName |
| <b>Trusted Application:</b>     | false          |
| <b>Strip Domain Name:</b>       | true           |



10.2.2 tss-idservice anpassen, Modify Tables



|                                    |                                                                                   |
|------------------------------------|-----------------------------------------------------------------------------------|
| <b>User Supplied Name:</b>         | infodba (Domänenbenutzer welcher abfragen darf ob TC-User Mitglied in Domäne ist) |
| <b>LDAP Domain Name or BaseDN:</b> | hawaii.com                                                                        |



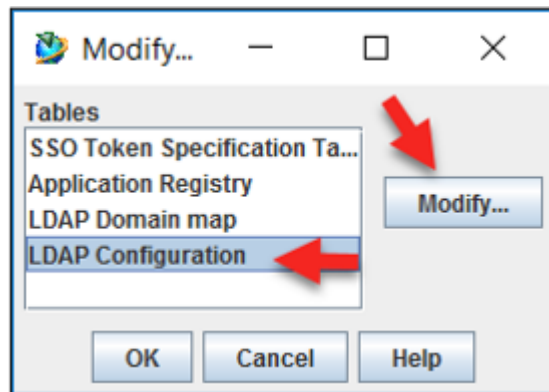
**Add Row to Table - LDAP Domain map**

User Supplied Name: infodba

LDAP Domain Name or BaseDN: hawaii.com

OK Cancel Help

### 10.2.3 tss-idservice anpassen, Modify Tables



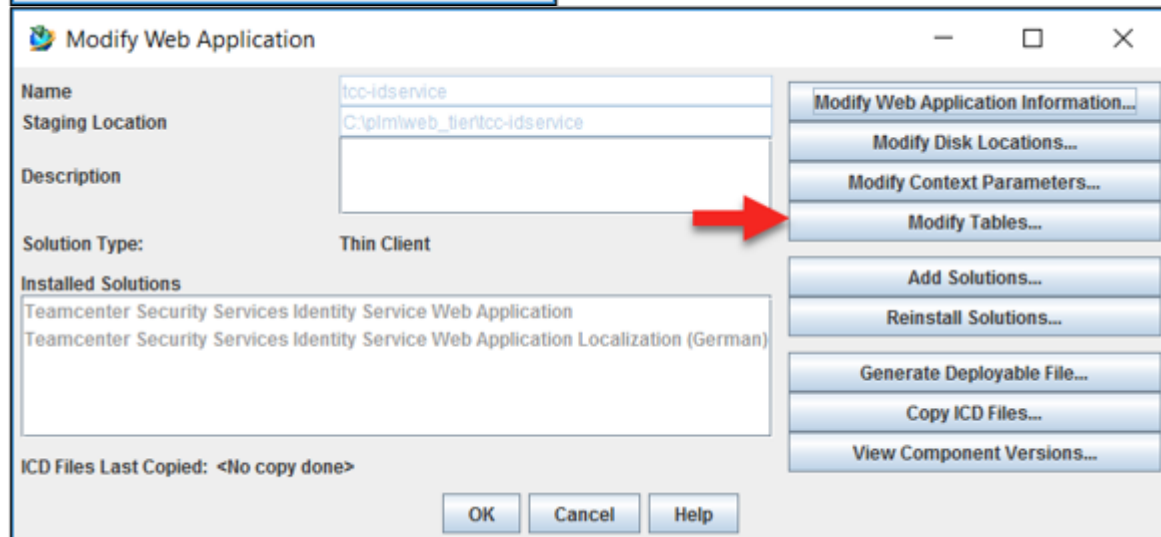
**Modify...**

Tables

- SSO Token Specification Ta...
- Application Registry
- LDAP Domain map
- LDAP Configuration**

Modify...

OK Cancel Help



**Modify Web Application**

Name: tcc-idservice

Staging Location: C:\pim\web\_tier\tcc-idservice

Description:

Solution Type: Thin Client

Installed Solutions:

- Teamcenter Security Services Identity Service Web Application
- Teamcenter Security Services Identity Service Web Application Localization (German)

ICD Files Last Copied: <No copy done>

OK Cancel Help

Modify Web Application Information...

Modify Disk Locations...

Modify Context Parameters...

**Modify Tables...**

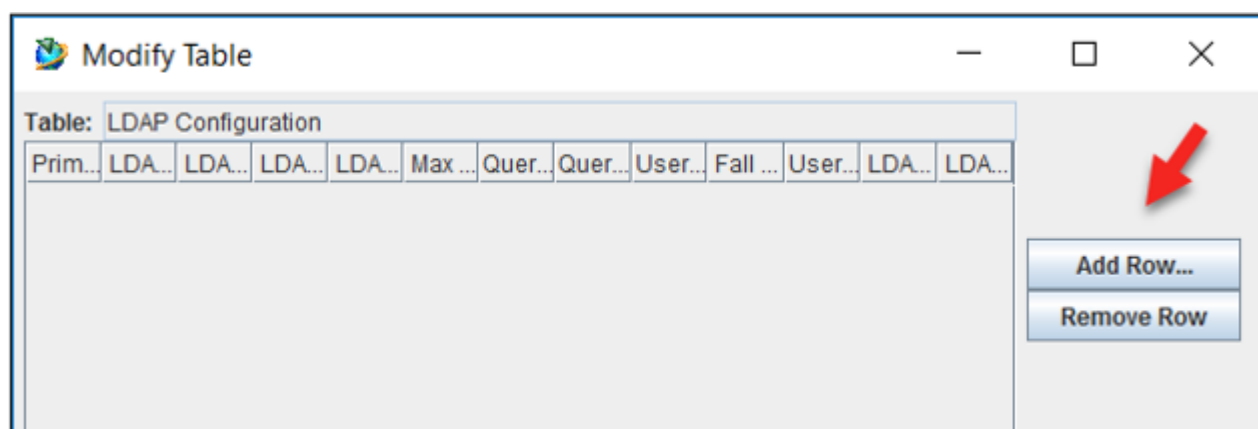
Add Solutions...

Reinstall Solutions...

Generate Deployable File...

Copy ICD Files...

View Component Versions...



**Modify Table**

Table: LDAP Configuration

| Prim... | LDA... | LDA... | LDA... | LDA... | Max ... | Quer... | Quer... | User... | Fall ... | User... | LDA... | LDA... |
|---------|--------|--------|--------|--------|---------|---------|---------|---------|----------|---------|--------|--------|
|         |        |        |        |        |         |         |         |         |          |         |        |        |

Add Row...

Remove Row

Add Row to Table - LDAP Configurati...

Primary LDAP

Y

LDAP Host

avademo14.hawaii.com

LDAP Port Number

389

LDAP Port Number Override?

N

LDAP Connect Type

ldap

Max LDAP Connections

20

Query DN

infodba@hawaii.com

Query DN Password

\*\*\*\*\*

UserObjectClass

user

Fall back to User Attribute

Y

User Attribute

sAMAccountName

LDAP Connection Setup Delay

-1

LDAP Connection Timeout

0

OK

Cancel

Help

|                              |                         |
|------------------------------|-------------------------|
| Primary LDAP:                | Y                       |
| LDAP Host:                   | avademo14.hawaii.com    |
| LDAP Port Number:            | 389                     |
| LDAP Port Number Override?:  | N                       |
| LDAP Connect Type:           | ldap                    |
| Max LDAP Connections:        | 20                      |
| Query DN:                    | infodba@hawaii.com      |
| Query DN Password:           | infodba (Passwort User) |
| UserObjectClass:             | user                    |
| Fall back to User Attribute: | Y                       |
| User Attribute:              | sAMAccountName          |
| LDAP Connection Setup Delay: | -1                      |
| LDAP Connection Timeout:     | 0                       |

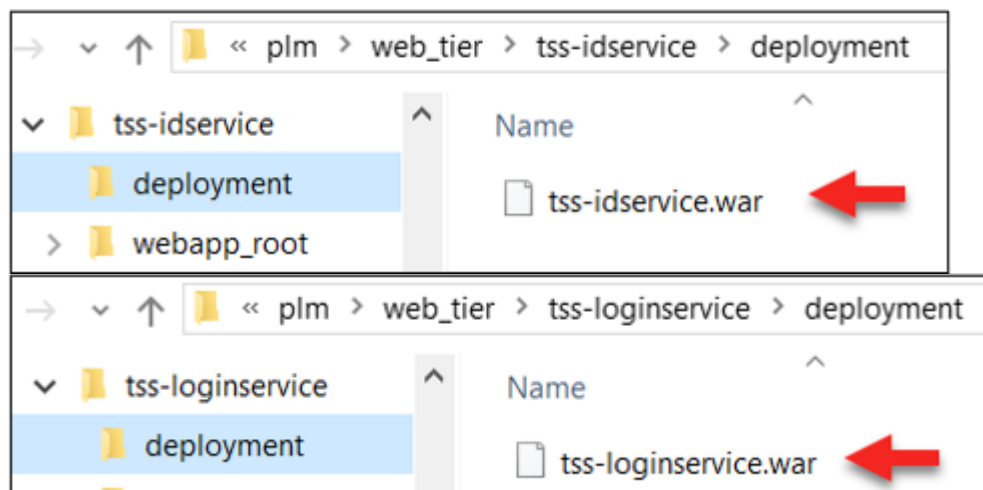
10.2.4 tss-idservice anpassen, Modify Context Parameters

|                                 |                                                                         |
|---------------------------------|-------------------------------------------------------------------------|
| <b>identityServicePassword:</b> | sicheres Passwort eingeben: 1nFodbAA (gleiches wie bei loginservice!!!) |
| <b>tcsso.LogLevel</b>           | Authentication failures                                                 |
| <b>tcsso.AuthLogDir</b>         | c:\plm\SSO\log                                                          |

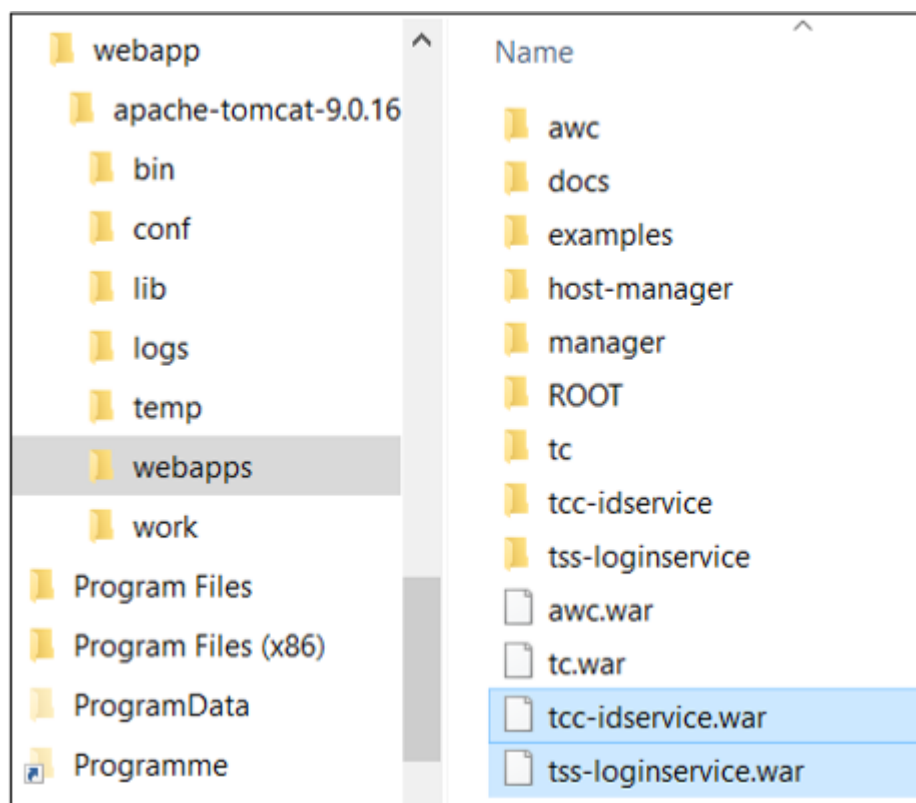
| Req                      | Name                    | Value                              |
|--------------------------|-------------------------|------------------------------------|
| <input type="checkbox"/> | webmaster               | change_me_webmaster_name...        |
| <input type="checkbox"/> | identityProvider        | com.teamcenter.ss.identity.spi.... |
| <input type="checkbox"/> | identityServicePassword | .....                              |
| <input type="checkbox"/> | passwordLifetime        | 30                                 |
| <input type="checkbox"/> | mediatorPassword        | .....                              |
| <input type="checkbox"/> | tokenLifetime           | 600                                |
| <input type="checkbox"/> | sessionLifetime         | 600                                |
| <input type="checkbox"/> | tcsso.LogLevel          | All authentication events          |
| <input type="checkbox"/> | tcsso.AuthLogDir        | c:\plm\SSO\log                     |
| <input type="checkbox"/> | LDAPVersion             | 3                                  |
| <input type="checkbox"/> | PasswordResetEnabled    | false                              |
| <input type="checkbox"/> | PasswordResetMessage    |                                    |
| <input type="checkbox"/> | GatewayAliasingEnabled  | false                              |
| <input type="checkbox"/> | ReferralsEnabled        | false                              |
| <input type="checkbox"/> | ReferralHopLimit        | 5                                  |
| <input type="checkbox"/> | DEBUG                   | warn                               |

## 10.2.5 Deploy war-Files

Kopieren



nach



## 11. TCServer Manager changes

### 11.1 tcenvpre.bat

In Ordner C:\plm\tc12\pool\_manager\confs\tcprod eine Datei mit folgendem Namen erstellen:

#### tcenvpre.bat

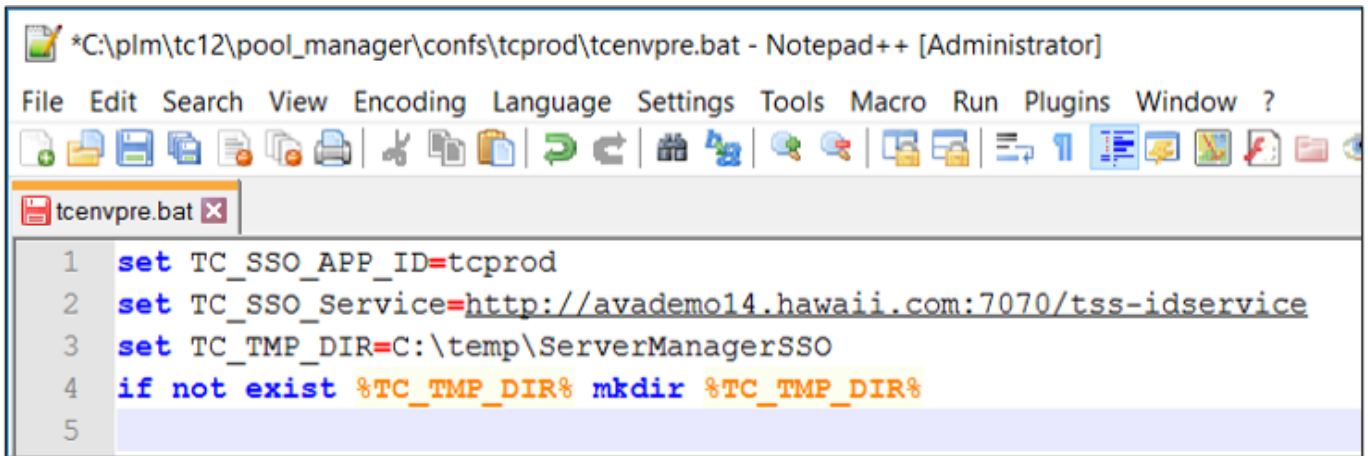
Inhalt:



```

set TC_SSO_APP_ID=tcprod
set TC_SSO_Service=http://avademo14.hawaii.com:7070/tss-idservice
set TC_TMP_DIR=C:\temp\ServerManagerSSO
if not exist %TC_TMP_DIR% mkdir %TC_TMP_DIR%

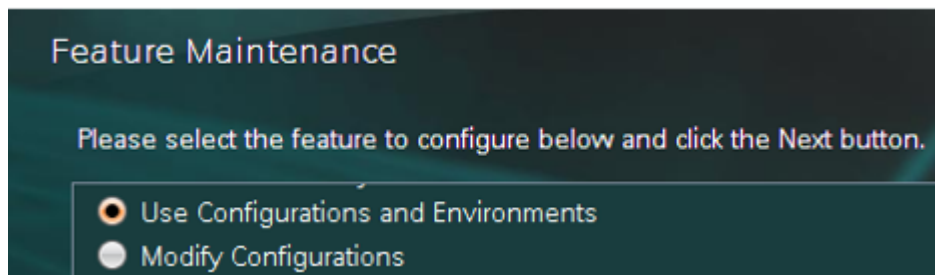
```



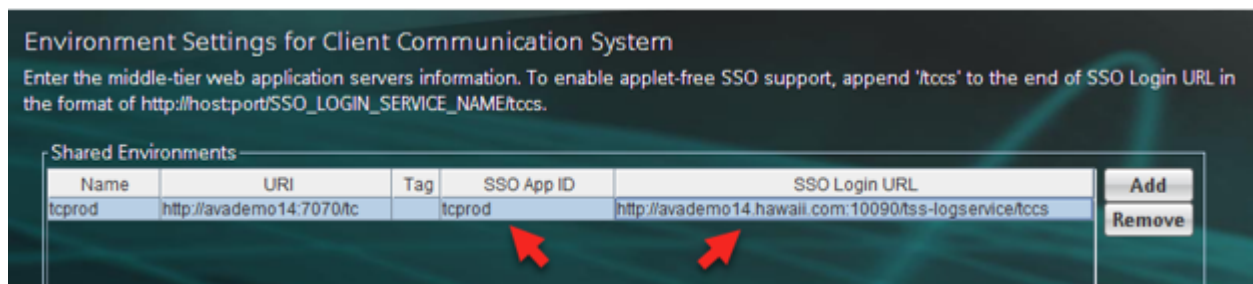
## 12. TCServer Manager changes

### 12.1 4-tier Client installation auf tccs umstellen

Feature Maintenance



Environment Settings for Client Communication System

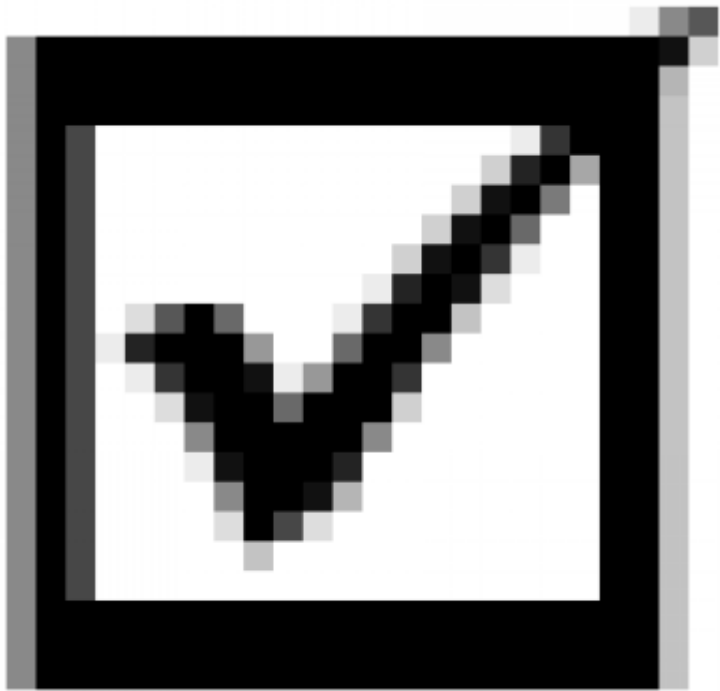


Anpassen:

|                       |                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Name:</b>          | tcprod                                                                                                                        |
| <b>URI:</b>           | <a href="http://avademo14:7070/tc">http://avademo14:7070/tc</a>                                                               |
| <b>Tag:</b>           |                                                                                                                               |
| <b>SSO App ID:</b>    | tcprod                                                                                                                        |
| <b>SSO Login URL:</b> | <a href="http://avademo14.hawaii.com:10090/tss-loginservice/tccs">http://avademo14.hawaii.com:10090/tss-loginservice/tccs</a> |

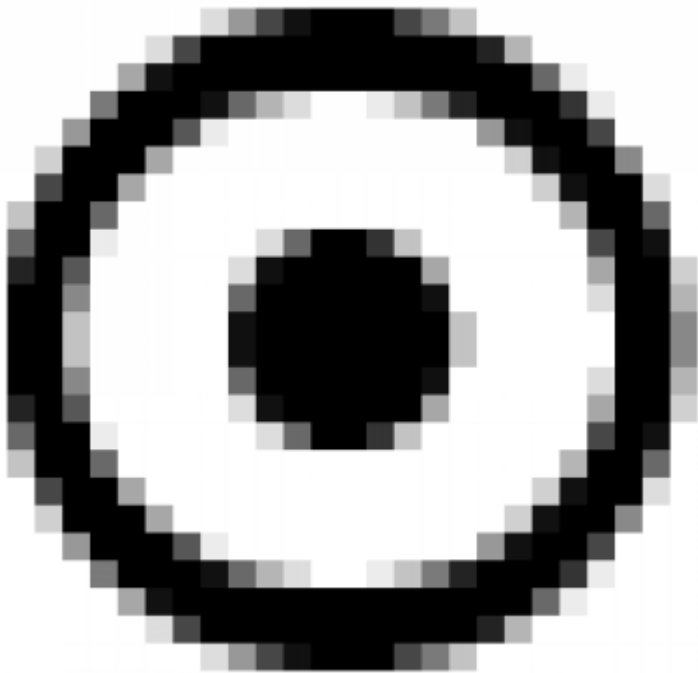
Kerberos Authentication Settings





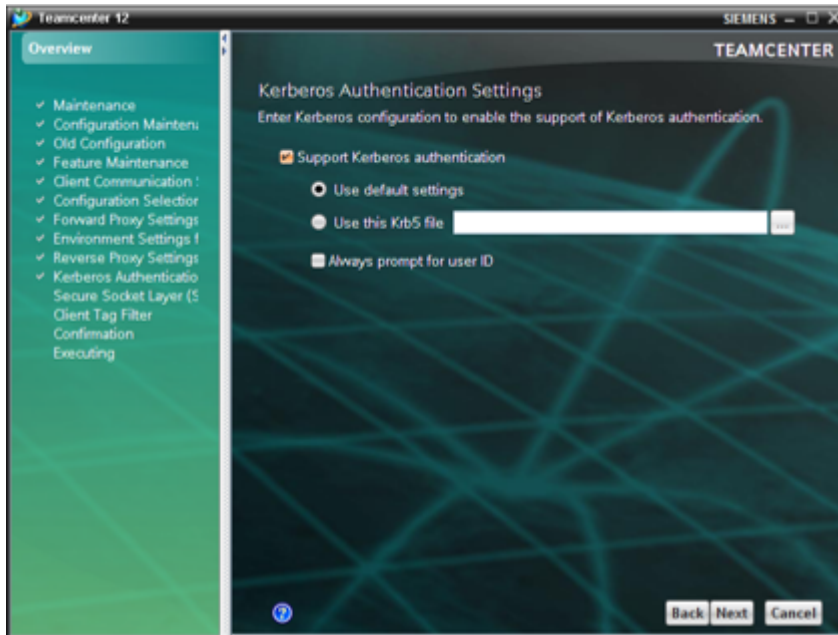
- 

Support Kerberos authentication



- 

Use default settings



## 12.2 Richclient 4-tier

Einmal anmelden:

Sollte nun ohne Passwortheingabe funktionieren

## 13. AWC auf SSO umstellen