

Finally an end to the sticky note: Teamcenter Security Services

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Abstract

Finally an end to the sticky note: Teamcenter Security Services.

- How to setup Teamcenter Security Services to use one password for all of your Teamcenter applications.

Teamcenter Security Services enables Teamcenter users a single login page for access to their individual Teamcenter applications, such as Teamcenter Community and Teamcenter Engineering. In this presentation I will talk about installing and configuring Teamcenter Security Services. Also, I will share best practices and issues that we learned through the deployment of this module. Mercury Marine has enabled this application for Teamcenter Engineering, Community, Systems Engineering, and Project.

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Agenda

- Prerequisites
- Installation
- Configuration
- Testing and Troubleshooting
- Q&A

Teamcenter Security Services Features

- Provides a single password for all Teamcenter applications both thin and rich
- Requires no client install
- Ability to plug into corporate LDAP servers.
- Allows applications to have strong passwords where the built in authentication did not allow enforcement

Prerequisites

- Web Application Server (Tomcat, Websphere, WebLogix)
- LDAP path and credentials for account creation in the directory
- Teamcenter Security Services install files (found in Teamcenter Community package, among others)
- Teamcenter attributes added to LDAP
- Enterprise Certificate Authority (for Microsoft Active Directories)

Getting Started

- Windows 2003 Active Directory domain or compatible LDAP
- Schema extension is required to add the additional attributes
- Install Security Services and configure TC SSO Login Service and TC SSO Identity Service
- Deploy war files and test configuration

Configuration

- Populate Teamcenter attributes for each user with correct values
- Enable SSO in each application that is going to participate

Teamcenter Engineering Configuration

- Add these entries to site_specific.properties in the portal client
- TC_SSO_LOGIN_URL=http://<servername>:port/tss_loginservice
- TCSSO_APP_ID=TCEngineeringPortal
- Three entries from client_specific.properties
- DEFAULT_SERVER.NAME
- DEFAULT_SERVER.HOST
- DEFAULT_SERVER.MARKER

Teamcenter Engineering Configuration Cont'd

- Add the following entries to `iman_profilevars.bat`
- Set `TC_SSO_SERVICE=http://<server>:<port>/tss_identityservice`
- Set `TC_SSO_APP_ID=TCEngineeringPortal`
- Iman Web configuration
- Put the following entries in `IMAN_environment` file
- `TC_SSO_LOGIN_PAGE=http://<server>:<port>/tss_loginservice/weblogin/login/redirect`
- `TC_SSO_SERVICE=http://<server>:<port>/tss_identityservice`
- `TC_SSO_APP_ID=TCEngineering`
- Register the `webstream.dll` on the client and the iman web server
- `regsvr32 c:\ugsplm\tceng0912\bin\webstream.dll`

Teamcenter Project Configuration

- Open JDOT Server Administration Check Enable SSO Integration and Click Configure SSO
- SSO Service URL
`http://<server>:<port>/tss_identityservice/xmlrpc`
- SSO Html Login URL
`http://<server>:<port>/tss_loginservice/weblogin/login_redirect`
- Application ID TCProject

Teamcenter Systems Engineering Configuration

- Go to Administrative Tools Page
- Add the following entries:
- SSO.Enabled = True
- SSO.AppID = TCRequirements
- SSO.LoginURL=
http://<server>:<port>/tss_loginservice
- SSO.ServiceURL=
http://<server>:<port>/tss_identityservice

Teamcenter Community Configuration

- Go to Sharepoint Central Administration
- Click Configure Authentication
- Security Services URL
`http://<server>:<port>/tss_identityservice/`
- Security Services Login URL
`http://<server>:<port>/tss_loginservice/weblogin/login_redirect/`

Limitations

- No option to change password in Single Sign On (must use Community)

Questions

Questions??

