

TC Platform培训 – 高级应用技术(1) —AWC Client - Activities

龙永义,2017年6月

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Contents



- □ Install AWC Solr Engine
- Install AWC Indexer
- Customize AWC Client Home Page
- Practice AWC Client Mobility Feature

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Install AWC Solr Engine

- Activity: Install AWC Solr Engine
- In this activity, a separate virtual machine tc10sit is used for AWC Tier. You install a AWC solr Indexing Engine on tc10sit.
- For this activity, log on to tc10sit, using operating system account r_awc/r_awc.
- Launch the Install AWC Solr Engine
- **Related information**
- For more information, review the following documents for this training session.
 - TC Platform Advanced Technologies (1)_AWC-Deployment-Instructions.docx



Install AWC Solr Engine (2)

Install AWC Solr Engine

- Step 1: Refere to the training document AWC Deployment Instruction (Windows)
- Step 2: Follow the steps described in the Section 2.2 Install Index Engine (Solr), to install a AWC Solr Engine on tc10sit.
- **Step 3:** Follow the steps described in the **Section 2.2 Install Index Engine (Solr)**, to verify the AWC Solr engine installation.

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Install AWC Indexer

Activity: Install AWC Indexer

In this activity, a separate virtual machine tc10sit is used for AWC Tier. You install a AWC indexer on tc10sit.

For this activity, log on to **tc10sit** using operating system account **r_awc/r_awc** to install the AWC indexer, start the AWC solr engine and execute some scripts for installation verification; log on to **tc10win** as **infodba** /**infodba** to start Teamcenter Ent Tier; log on to **tc10win** as **jboss/jboss** to start Teamcenter Web-Tier.

Launch the Install AWC Solr Engine

Related information

For more information, review the following documents for this training session.

• TC Platform - Advanced Technologies (1)_AWC-Deployment-Instructions.docx

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Install AWC Indexer (2)

Install AWC Indexer

Step 1: Refer to the training document AWC Deployment Instruction (Windows)

Step 2: Follow the steps described in the Section 2.3 Install Indexer, to install a AWC indexer on tc10sit.

Step 3: Follow the steps described in the Section 2.3 Install Indexer, to verify the AWC indexer installation.

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Customize AWC Client Home Page

Activity: Customize AWC Client Home Page

In this activity, a separate virtual machine **tc10sit** is used for AWC Tier. You customize AWC client home page for a group of users and a single user to show only the Inbox tile in the user home page. As a result, it will be easier for the user to work on the assignments.

For this activity, log on to **tc10win** as **infodba/infodba** to start Teamcenter Ent Tier; log on to **tc10win** as **jboss/jboss** to start Teamcenter Web-Tier; log on to **tc10sit** as **r_rac4/r_rac4** to run Teamcenter rich client for the AWC Client home page customization; then log on to any machine in the training network to run AWC client for the testing.

Launch the Customize AWC Client Home Page

Related information

For more information, review the following documents for this training session.

TC Platform - Advanced Technologies (1)_AWC-Deployment-Instructions.docx

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Customize AWC Client Home Page (2)

Customize AWC Client Home Page

Step 1: Refer to the training document AWC Deployment Instruction (Windows)

- **Step 2:** Follow the steps described in **Section 3.2 Customization for a Group**, to customize AWC client home page for a group (of users) to have only the **Inbox** tile, and test it with AWC client.
- **Step 3:** Follow the steps described in **Section 3.3 Customization for a single user**, to customize AWC client home page for a single user to have only the **Inbox** tile, and test it with AWC client.

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Activity: Practice AWC Client Mobility Feature

In this activity, you configure a reverse proxy server on your laptop, create a mobile network between your laptop and cell phone via your cell phone 4G network. Then, you run AWC client on your cell phone to practice AWC mobility.

For this activity, log on to **tc10win** as **infodba/infodba** to start Teamcenter Ent Tier; log on to **tc10win** as **jboss/jboss** to start Teamcenter Web-Tier; log on to tc10sit as **r_awc/awc** to start **AWC Web-Tier**, **AWC solr engine** and **AWC indexer**; log on to your laptop host machine to configure the reverse proxy server.

Launch the Practice AWC Client Mobility Feature

Related information

For more information, review the following documents for this training session.

• TC Platform - Advanced Technologies (1)_AWC-Deployment-Instructions.docx

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Practice AWC Client Mobility Feature

Step 1: Start Teamcenter Servers

- (1). Start Teamcenter Enterprise Tier
 - (1.1). Log on to tc10win as infodba/infodba operating system account.
 - (1.2). From the **desktop**, open **Ent-Tier** folder and then run **2-start pool manager**.
- (2). Start Teamcenter Web Tier
 - (2.1) On **tc10win**, switch os user to **jboss/jboss**.
 - (2.2). From the desktop, open **Web-Tier** folder and run **1 start_jboss** (as **Administrator**) as administrator.

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Practice AWC Client Mobility Feature

Step 2: Start AWC Tier

- (1). Start AWC Web Application Server
 - (1.1). Log on to **tc10sit** as **r_awc/r_awc** operating system account.
 - (1.2). From the **desktop**, open the folder **r_AWC-Tier** and then run **0 start_jboss Shortcut** (as **administrator**).
- (2). Start AWC Solor Indexing Engine
 - (2.1). On **tc10sit**, switch os user to **r_awc/r_awc**.
 - (2.2). From the **desktop**, open the folder **r_AWC-Tier** and then run **1 start_solr Shortcut**.

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Practice AWC Client Mobility Feature

Step 2: Start AWC Tier - continued

- (3). Start AWC Indexer
 - (1.1). On **tc10sit**, switch os user to **r_awc/r_awc**.
 - (1.2). From the **desktop**, open the folder **r_AWC-Tier** and then run **2 start_syncindex Shortcut**.

(1.3). Then, run 3 - do_sync_objdata – Shortcut

(1.4). Then, run 4 - do_sync_structure - Shortcut

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Practice AWC Client Mobility Feature

Step 3: Start reserve proxy server

(1). Log on to your laptop (as whatever user you are)

(2). Install a reverse server (optional)

Refer to the document **AWC Deployment Instruction (Windows)** and follow the steps described in the **Section 4.3.1 Install Apache**, to install a reserve proxy server.

(3). Configure a reverse server (optional)

Refer to the document **AWC Deployment Instruction (Windows)** and follow the steps described in the **Section 4.3.2 Configure Apache as a Reverse Proxy Server**, to configure the reserve proxy server.

(4). Start the reserve proxy server

If the reserve proxy server is not started, refer to the document **AWC Deployment Instruction** (Windows) and follow the steps described in the **Section 4.3.3 Start Apache**, to start the proxy server.

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Practice AWC Client Mobility Feature

Step 4: Build a mobile network

- (1). Turn on your cell phone Hotspot.
- (2). Connect the cell phone to your laptop.
- (3). Enable the laptop wireless connection, to ensure your laptop is connected to your cell phone wireless network.
- (4). Open a DOS window, run the following command to identify your laptop IP address in the cell phone wireless network. Saying the IP address is **172.20.10.6**, for example

ipconfig all

(5). Open a browser from your cell phone and type in the following URL to run the AWC client.

http://172.20.1.1/awc/

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Step 4: Test AWC Client mobility feature

(1). A Test engineer **e01** login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, report a PR to the design engineer **e04** for a product design issue.



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Practice AWC Client Mobility Feature	
Step 4: Test AWC Client mobility feature - continued	
(1). A Test engineer e01 login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on h the design engineer e04 for a product design issue.	is laptop, report a PR to
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Practice AWC Client Mobility Feature	
Step 4: Test AWC Client mobility feature - continued	
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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(1). A Test engineer **e01** login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, report a PR to the design engineer **e04** for a product design issue.



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Practice AWC Client Mobility Feature		
Step 4: Test AWC Client mobility feature - continued		
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Practice AWC Client Mobility Feature	
Step 4: Test AWC Client mobility feature - continued	
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Practice AWC Client Mobility Feature	
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Practice AWC Client Mobility Feature	
Step 4: Test AWC Client mobility feature - continued	
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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.



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Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.



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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.



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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.

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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.

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Step 4: Test AWC Client mobility feature - continued

(2). The design engineer **e04** logins to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval.

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Step 4: Test AWC Client mobility feature - continued (2). The design engineer e04 logins to Teamcenter AWC Client (http://172.20.1.1/awc) on his laptop, reviews the issues and makes a change on the design, then sign off the change for approval. The Edit Tools Syntax Buffers Window Help The Edit Tools Syntax Buffers Window Help Ttachneng for Test_PR Ttachneng for Test_PR The Edit Tools Syntax Buffers Window Help	Practice AWC Client Mobility Feature	
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tep 4: Tes	st AWC Client r	mobility feature - contir	nued		
(2). The	design engine	er e04 logins to Teamo	enter AWC Client	(http://172.20.1.1/av	<u>wc</u>) on his laptop, r
			ign, then sign on	the change for appr	
← →	C 172.20.10.6	i/awc/#com.siemens.splm.client	fx.tcui.xrt.showObject;u	id=QKRdVvq84eqrRC;cmdId	d=com.siemens.splr 🖣 ☆
					SIEMENS
	Create cnco04 e04 (e04) - AWCGrp/A	WC_Workflow_Approver-Latest Working tc004 change _{e Type: Do Task} Targets Workflow S	ianoffs		
			Start Edit Pin to	Home Add to Copf Ope	E I
Search	TASK	ASSIGNEE	STATUS	END DATE	
	ereate cntc004 c	hange cntc004 e04 (e04)	Completed	12-Jun-2016 20:46	fixed the issue.
	review cntc004 c	hange 3 cntc004 p04 (p04)	No Decision		
	4				

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Practice AWC Client Mobility Feature (6)

Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(3). The project leader **p04** login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews and approves the change made to the design.



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Due stice ANA/C Client Maleility Feature	
Practice AWC Client Mobility Feature	Personal Hotspot: 2 Connections
	172 20 10 6
Step 4: Test AWC Client mobility feature - continued	
(3). The project leader p04 login to Teamcenter AWC	INBOX
Client (http://172.20.1.1/awc) with his cell phone. He	
reviews and approves the change made to the design	
reviews and approves the change made to the design	
	New Total Past Due
	A ()
	Home Search Sign Out
	nome Search Sign Out

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Practice AWC Client Mobility Feature	●●●●○ 中国联通 3G	8:56 PM I Holspol: 2 Cor	nnections	
Step 4: Test AWC Client mobility feature - continued		172.20.10.6		C
(3). The project leader p04 login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews and approves the change made to the design.	Enbox My Tasks 1 results found PR-010017 Assignee: Start Dat	Team T for "My Task m-signof /A-1-prod ct_p cntc004 p04 (p04 12-10-2016 20	fs roble ti:46	>
		Home Search		
	< >	<u> </u>		

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Practice AWC Client Mobility Feature	●●●●○中国联通 3G 8:56 PM ④ ■● ≠ Personal Hotspot: 2 Connections	
Step 4: Test AWC Client mobility feature - continued	172.20.10.6 C	
	(Inbox (My Tasks)	
(3). The project leader p04 login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone.	Overview All Targets Wo	
He reviews and approves the change made to the design.	Properties	
ucoign.	Name: perform-signoffs Description: Signoff team perform their signoffs. Assignee: cntc004 p04 (p04) Assignee Group/Role: Cntc004_grp/cntc004_projectleader Active Surrogate: Comments: Decision: No Decision Dension Date: Priority: <u>A. Scroll down and</u> Start Date: 12-Jull-2016 20:46 Last Modifying User: cntc004 e01 (e01) Due Date: Review PR project	
	OBJECT DECISION DAT	
	Home Search Open Sta5Edit	

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Practice AWC Client Mobility Feature	●●●●○中国联通 3G 9:09 PM
Step 4: Test AWC Client mobility feature - continued	172.20.10.6 C
(3). The project leader p04 login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews and approves the change made to the design.	Name: perform-signoffs Description: Signoff team perform their signoffs. Assignee: cntc004 p04 (p04) Assignee Group/Role: cntc004_grp/cntc004_projectleader Active Surrogate: Comments: Approved by p04 Decision: No Decision Decision Date: Priority: Start Date: 12-Jun-2016 20:46 Last Modifying User: cntc004 p04 (p04) Due Date:
	Home Search Open Start Edit • 8 Perform Task Reassign Task Filters
	< > ① ① □

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Practice AWC Client Mobility Feature	●●●●○ 中国联通 3G 9:51 PM Personal Hotspot: 2 Connections	@ * * *
Step 4: Test AWC Client mobility feature - continued	172.20.10.6	C
(3) The project leader p04 login to Teamcenter AWC	(Inbox (My Tasks)	
Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews and approves the change made to the	Perform Task	
	Name: Description: Signoff team perform their signoffs.	
design.	Comments:	
	Approved by p04	
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Practice AWC Client Mobility Feature	●●●●○中国联通 3G 9:11 PM ④ 🕞 + Personal Hotspot: 2 Connections
Step 4: Test AWC Client mobility feature - continued	172.20.10.6
(3). The project leader p04 login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews and approves the change made to the design.	INBOX IN



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Practice AWC Client Mobility Feature

Step 4: Test AWC Client mobility feature - continued

(4). The director **d04** login to Teamcenter AWC Client (<u>http://172.20.1.1/awc</u>) with his cell phone. He reviews the change made to the design and makes a final approval.

The approval steps are the same as project leader p04.

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Thank you!

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