



Avitek 7.0 Platform Demo
Installation + Misc. Notes
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INSTALLING THE Avitek 7.0 Sales DEMO

SIMPLY UNZIP AND DOUBLE CLICK

Installing the Avitek 7.0 Sales Demo is as easy as **unzipping** and **double clicking**.

1. For the purposes of this installation, let's assume your BEA_HOME is "C:\bea"

Note: Your BEA_HOME does not have to be "C:\bea" this is just an assumption.

2. Unzip the file **demoDomain.zip** to the following folder under your Platform install
"C:\bea\weblogic700\samples\platform"

3. Double Click the following script

"C:\bea\weblogic700\samples\platform\demoDomain\startServer.bat"

CONGRATULATIONS!

YOU HAVE NOW INSTALLED THE AVITEK 7.0 SALES DEMO

NOTE: Use the **"demoDomain\stopServer.bat"** script in whenever possible order to shut down the server gracefully.

NOTE: ALWAYS backup the Pointbase directory incase you need to re-store your database.

Scenario 1

Scenario 2 & 3

URLs, USER IDs AND PASSWORDS:

Avitek 7.0 Demo Splash Page: <http://localhost:7501/index.jsp>

Scenario 1

Avitek 7.0 B2C Portal : <http://localhost:7501/b2cPortal>
Userid/Password : **radams/password**

Scenario 2,3

Avitek 7.0 B2B Portal : <http://localhost:7501/b2bPortal>
Userid/Password : **jtang/password**

Portal Administration Tools : <http://localhost:7501/e2eAppTools>
Userid/Password : **administrator/password**

WebLogic Integration Studio : Start → Programs → BEA → Integration → Studio
Userid/Password : **admin/security**

WebLogic Console : <http://localhost:7501/console>
Userid/Password : **system/weblogic**

EBCC Synchronization : Start → Programs → BEA → Portal → EBCC
Userid/Password : **system/weblogic**

Portal DataSync Repository : <http://localhost:7501/e2eAppDataSync>
Userid/Password : **administrator/password**

Application View Console : <http://localhost:7501/wlai>
Userid/Password : **admin/security**

SCRIPTS & UTILITIES:

'demoDomain\startServer.bat' – This is the startup script for 'demoDomain' domain. This starts up WebLogic Integration, Portal and Workshop on a single instance of WebLogic Server.

'demoDomain\stopServer.bat' – This script is used to stop the demo server and gracefully shutdown all the products including the Pointbase database.

The following scripts are provided as additional utilities you may use when you are customizing the demo.

'demoDomain\startPBConsole' – This script will start the Pointbase console

'demoDomain\startPBServer.bat' – This script will start the Pointbase Server. This script is typically used by other scripts and is not needed to start the demo server.

'demoDomain\stopPBServer.bat' – This script will stop the Pointbase Server.

'demoDomain\create_db.cmd' – This script will re-create the entire database used by the Avitek 7.0 Demo. Once this script is executed, you must re-import the Application Views, Workflows, Content Metadata and resynchronize your EBCC files for Portal.

'demoDomain\e2eSetupAppView.cmd' – This script will import and deploy the WLI Application View used in the Avitek 7.0 Demo. The server must be running before executing this script.

'demoDomain\e2eImportWorkflows' – This script will import all the WLI Workflows used in the Avitek 7.0 Demo. The server must be running before executing this script.

'demoDomain\loadads' – This script will import all the metadata required for the Ad Images and property files placed in the **'demoDomain\dmsBase\Ads'** folder, used by the content management system in Portal. The server must be running before executing this script.

'demoDomain\loaddocs' – This script will import all the metadata required for the content and property files placed in the **'demoDomain\dmsBase'** folder, used by the content management system in Portal. The server must be running before executing this script.

'demoDomain\beaApps\e2eApp-project\sync.cmd' – This script will synchronize all your EBCC project files with the database. The server must be running before you execute this script.

FREQUENTLY ASKED QUESTIONS:

1. How do I Synchronize the Portal files from the EBCC?

If you have made changes to portal application via the EBCC, you may have to re-synchronize your portal application files.

The following steps, walks you through the synchronization process:

1. Start the E-Business Control Center from the Start Menu

2. Open the following project file in the EBCC:

"C:\bea_Load16\weblogic700\samples\platform\demoDomain\beaApps\e2eApp-project\e2eApp-project.eaprj"

3. Click on the "Synchronize" button on the EBCC toolbar, enter **username/password** as **system/weblogic**.

This should complete your application synchronization.

NOTE: You could also use the '**demoDomain\beaApps\e2eApp-project\sync.cmd**' script to synchronize your application.

2. How do I connect to the Server from WebLogic Workshop?

In order for you to run the web services shipped with the demo from workshop, You need to tell workshop which domain to connect to in order for workshop to accesses resources such as JMS Queues and Data Sources from WebLogic.

Complete the following steps to ensure your workshop can connect to the "demoDomain"

1. Startup Workshop.

2. In the Toolbar, click on **Tools --> Preferences** and select the "**Paths**" tab.

3. In the "**Port**" field enter "**7501**"

4. In the "**Config Directory**" enter the root folder of the "demoDomain" as the value
e.g. if your BEA_HOME is "C:\bea", then your root folder will be:
"C:\bea\weblogic700\samples\platform"

5. In the "**Domain**" field, select "**demoDomain**" as your domain

To confirm that your configuration is correct, the status indicator at the bottom right corner of WebLogic Workshop should say "**Server Started**"

3. Where are my Workshop JWS Project files for the demo located?

Web Services in Workshop are stored as standard J2EE Web Applications. By default, WebLogic Workshop looks for these projects (Web Applications) in the 'applications' folder under the root domain folder.

E.g. In our case the domain folder is "demoDomain" therefore, Workshop will look for projects under the "demoDomain\applications" folder.

The location of the projects for the Avitek 7.0 Demo is the following:

- "\demoDomain\applications**AvitekIM**
- "\demoDomain\applications**AvitekPortalClient**
- "\demoDomain\applications**AvitekTracking**
- "\demoDomain\applications**OrderManagement**
- "\demoDomain\applications**FedexShipping**
- "\demoDomain\applications**UPSShipping**

4. How do I perform a rollback after presenting Scenario 2?

Scenario 2, as defined in the Demo Tour Guide is the WebLogic Workshop use case in which we execute a persistent update to the database.

In order to demo this use case repeatedly, we will need to rollback the database to its original state.

To rollback the database to its original state, run the following script

"\demoDomain\sqlScripts\reloadUC2.cmd"

NOTE:

Make sure the Pointbase server is running when you execute this script.

5. How do I set my JSPs to pre-compile on server startup?

If you want to **precompile** the JSP pages in order to avoid "Warming Up" the demo before presenting to a customer, add the following tags into the '**weblogic.xml**' files.

The '**weblogic.xml**' exists in the WEB-INF folder of your Web Application.
i.e for the Avitek 7.0 Demo, there are two weblogic.xml files to modify:

- "\demoDomain\beaApps\e2eApp\b2cPortal\WEB-INF\weblogic.xml"
- "\demoDomain\beaApps\e2eApp\b2bPortal\WEB-INF\weblogic.xml"

Once you have located and opened this file,
Add the following XML elements:

```
<jsp-descriptor>
  <jsp-param>
    <param-name>precompile</param-name>
    <param-value>true</param-value>
  </jsp-param>
</jsp-descriptor>
```

NOTE: Setting the server to "precompile" will cause the server to take an unusually long time to startup.

6. Are there any custom DB tables used in the demo?

Yes, there are a few custom DB tables used in the demo to emulate the various enterprise systems that are referenced in all three scenarios.

There are two SQL files describing the DB schema and data for these custom tables.

These files are located in the following folders:

Scenario 1 Custom Tables

"demoDomain\sqlScripts\StoreLocations.sql"

Scenario 2, 3 Custom Tables

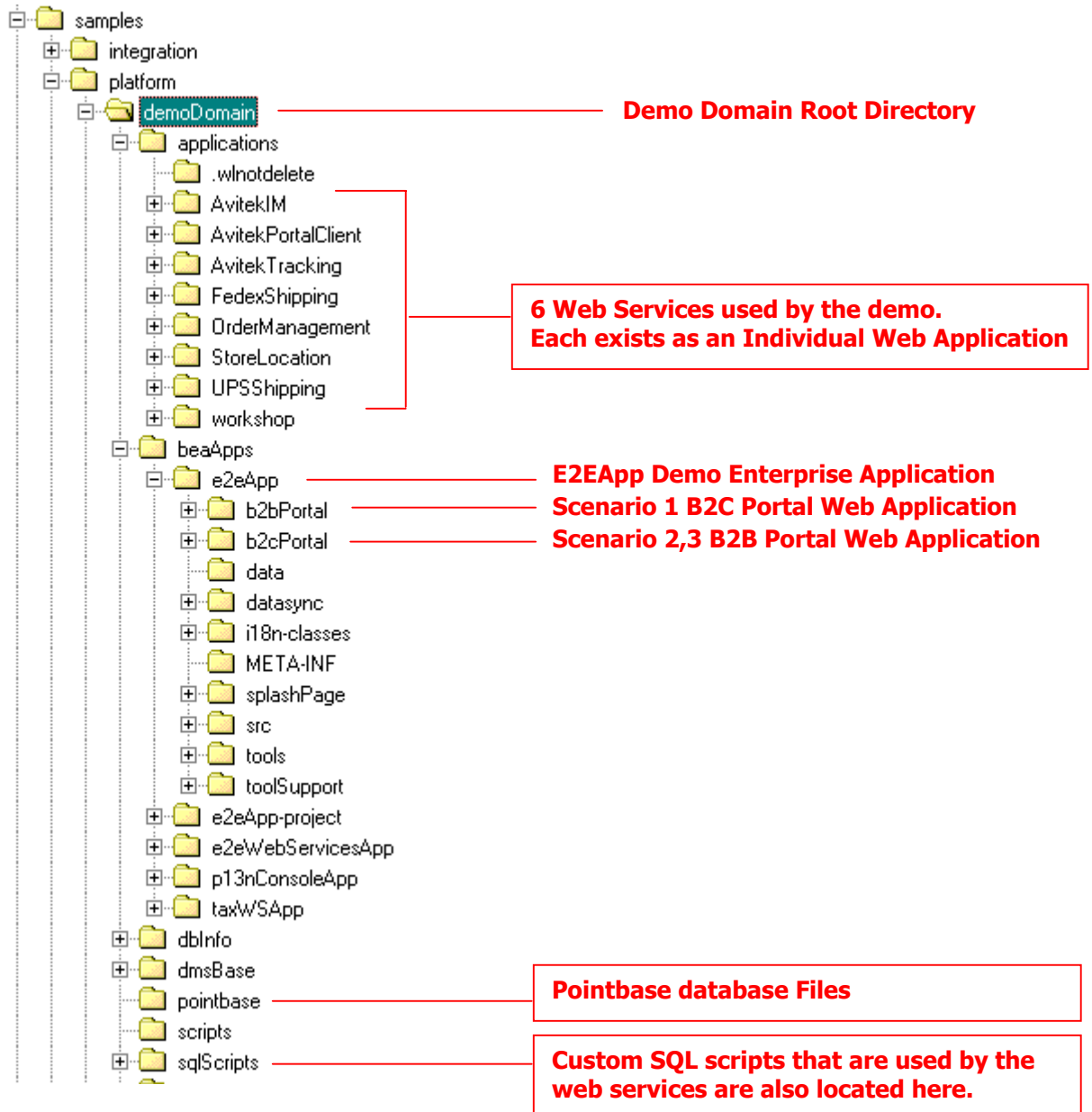
"demoDomain\sqlScripts\AvitekTracking.sql"

Scenario 3 Inventory and Purchase Order Custom Tables

"demoDomain\sqlScripts\E2E_SCHEMA.sql"

DEMO DISTRIBUTION STRUCTURE:

The Image below indicates the general demo distribution structure:



KNOWN ISSUES AND WORKAROUNDS:

Below is a list of all known issues and workarounds:

1. If Pointbase is left in an unstable state. Your data repository might be corrupted. The Server throws a "Data Repository Corrupted" error on startup:

The error you will see is as follows:

```
<Jun 21, 2002 10:14:30 AM PDT> <Error> <Data Synchronization>
<000000> <Application: e2eApp; Corrupted data encountered in the
persistent store; PLEASE RE-SYNCHRONIZE YOUR APPLICATION DATA
WITH MODE "refresh-from-client" BEFORE CONTINUING! Failure to do
so may result in incomplete or otherwise corrupted server
state.Exception[com.bea.p13n.management.data.repository.Persisten
ceException: Failed to refresh JDBC Persistence Manager.] - with
embedded exception: [java.sql.SQLException: Error accessing jdbc
driver: driverURL = jdbc:weblogic:pool:dataSyncPool, props =
{connectionPoolID=dataSyncPool, jdbcTxDataSource=true,
enableTwoPhaseCommit=false}]          at
com.bea.p13n.management.data.repository.persistence.JdbcDataSourc
e.refresh(JdbcDataSource.java:506)          at
com.bea.p13n.management.data.repository.persistence.JdbcPersisten
ceManager.refresh(JdbcPersistenceManager.java:106)          at
com.bea.p13n.management.data.repository.internal.AbstractDataRepo
sitory.<init>(AbstractDataRepository.java:193)          at
com.bea.p13n.management.data.repository.internal.MasterDataReposi
tory.<init>(MasterDataRepository.java:46)          at
com.bea.p13n.management.data.repository.DataRepositoryFactory.get
MasterDataRepository(DataRepositoryFactory.java:271)          at
com.bea.p13n.appflow.pipeline.internal.PipelineExecutorImpl.initi
alize(PipelineExecutorImpl.java:620)          at
com.bea.p13n.appflow.pipeline.internal.PipelineExecutorImpl.<init>
(PipelineExecutorImpl.java:124)          at
com.bea.p13n.appflow.pipeline.internal.PipelineExecutorImpl_x8bn7
v_Impl.<init>(PipelineExecutorImpl_x8bn7v_Impl.java:23)
```

Workaround:

- Re-Synchronize your Portal Application from the EBCC or run the **'demoDomain\beaApps\e2eApp-project\sync.cmd'** script
- If the problem persists, run the **'demoDomain\sqlScripts\resetDataSyncTables.sql'** script while the server is running and **then resynchronize.**

2. **The Application View 'E2EAppView.sav' does not deploy**

If any of the temporary folders such as:

'demoDomain\e2eServer'

'demoDomain\userConfig'

have been deleted, you need to re-deploy your application view.

Workaround: WLI, uses m-Beans to deploy the application view at runtime. In order to know what application view to deploy, you need to set the following property in the '**demoDomain\wlai\wlai.properties**' file:

'wlai.appView.deploy=E2EAppView.sav'

A copy of the default version of this file is also located at:

'demoDomain\sqlScripts\wlai.properties'

3. **Server just hangs while starting up:**

If your machine or WebLogic server has been improperly shutdown, the "Pointbase" DB may be left in an unstable state. This will cause the server to "hang" while starting up.

Workaround: Delete the following directory '\demoDomain\pointbase' and replace it with the original 'pointbase' folder from the '**demoDomain.zip**' file.

4. The portal web-flow files do not display correctly in the EBCC.

Workaround: If you find it, please let us know.