1. Copy the training files
   1. Connect to ftp.hostedtraining.com. (Username: emc, Password: nulaquej1)
   2. Copy these files from the ChrisLupone directory: xDB\_10\_4\_1\_windows64.zip, apache-ant-1.9.2-bin.zip, eas-2.3.002.zip, licenseValidThru2015\_March\_31.zip, EAS\_Training.dar, build.properties, and the Resources directory. Place the files in C:\Temp (or wherever)
2. Unzip apache-ant-1.9.2-bin to C:\. (This creates C:\apache-ant-1.9.2)
3. Unzip eas-2.3.002.zip to C:\eas.
4. Unzip xDB\_10\_4\_1\_windows64.zip to C:\Temp (or wherever...doesn't matter where you unzip it.)
5. Install xdB 10.4.1 64 bit/windows.
6. Install xDB:
   1. Accept license agreement
   2. Paste the license key
   3. Install in default location (C:\Program Files\xDB)
   4. Accept default for create product icons.
   5. For Choose JDK location, make sure that the installer shows C:\jdk1.7.0\_09\bin\java.exe. This is the JDK on the image. If not, click Search Another Location... and have it scan the C:\ drive (or click Choose Java Executable... and select the JDK executable.)
   6. Set superuser password to training
   7. When prompted, select "Set some advanced parameters (experts only)"
   8. Database-directory screen: click next
   9. JVM settings by client screen: click next
   10. Server settings screen: de-select "Run web server (RESTful API, web admin)". We don't need this. In previous versions of xDB, there were problems with this.
7. Start the xDB Admin Client (in C:\Program Files\xDB\bin) and create a new database called training. For the superuser and the administrator password, enter training.
8. Create a system variable called XHIVE\_HOME; set it to c:\program files\xdb
9. Add C:\apache-ant-1.9.2\bin to the Path variable.
10. Add C:\eas\bin to the Path variable.
11. Open c:\eas\install\core\build.properties with WordPad (C:\Program Files\Windows NT\Accessories\WordPad.exe). (Want to see ugly? Open it with Notepad. ...a total mess!)
12. Set the following and then save the file as text.
13. EAS\_HOME=C:/eas
14. EAS\_WORKING\_DIR=c:/eas/working
15. XDB\_DB\_NAME=training
16. XDB\_HOME=C:\Program Files\xDB
17. XDB\_DB\_USER\_PWD\_CLEAR=training
18. XDB\_DB\_USER\_PWD=dHJhaW5pbmc=
19. DCTM\_REPOSITORY=train
20. DCTM\_LAUNCHER\_USER\_PWD=training
21. DCTM\_OWNER\_USER=train
22. DCTM\_OWNER\_USER\_PASSWORD=training
23. DFC\_HOME=C:\Documentum

[Alternate approach: Replace C:\eas\install\core\build.properties with the build.properties that you downloaded from [ftp.hostedtraining.com](ftp://ftp.hostedtraining.com)]

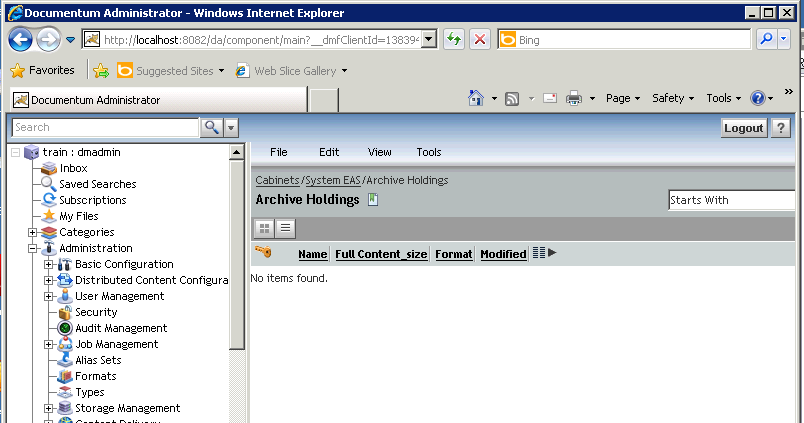
1. Create the C:\data\xdb directory.
2. Reboot the machine.
3. Open a command prompt window and execute

cd c:\eas\install\core

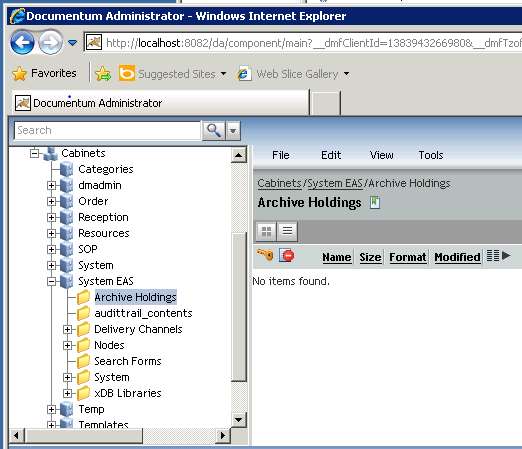
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Answer yes to everything. Installation takes between 13 and 15 minutes. (The build will show as failed -- ERROR: missing DFC libraries. This only affects the eas-services and eas-gui war files. There is a workaround – to copy the DFC and xdB .jar files into the eas-services and eas-gui applications.)

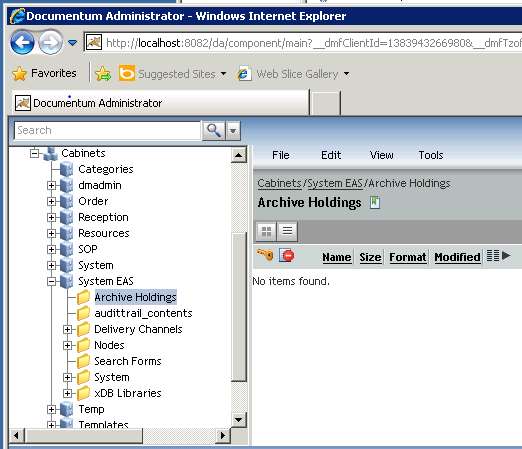
1. Bring up DA. Notice that there is System EAS cabinet. Look inside the System EAS cabinet and note the folders contained there. These were created during the EAS installation.
2. Open /System EAS/Archive Holdings. The folder is empty.



1. Install the DA EAS extension
2. Stop the Apache Tomcat7\_da service.
3. Copy the C:\Tomcat\_da\webapps\da to C:\Temp\da. (Do this in case you make a mistake; you now have a backup copy of DA.)
4. Create the C:\Temp\da\_eas directory.
5. Extract C:\eas\install\core\template\war\eas-da-2.3.002.zip to C:\Temp\da\_eas.
6. Copy the contents of C:\Temp\da\_eas (i.e., the custom, META-INF, and WEB-INF folders) to C:\Tomcat\_da\webapps\da.
   * 1. In the Confirm Folder Replace dialog, when prompted, select Merge this folder (and check “Do this for all current items”.)
     2. When prompted, Copy and Replace (and check Do this for the next 24 conflicts)



1. Start the Apache Tomcat7\_da service.
2. Bring up DA. Open /System EAS/Archive Holdings and notice that there is an EAS unlock indicator. This is part of the DA EAS extension.



1. Install EAS web services
2. Using WinZip, extract C:\EAS\install\core\war\eas-services-tomcat-2.3.002. to C:\temp\eas-services.
3. Copy xDB dependencies – that is, C:\Program Files\xDB\lib\xhive.jar and all the .jar files in C:\Program Files\xDB\lib\core – to C:\Temp\eas-services\WEB-INF\lib
4. Copy DFC dependencies – that is, all the .jar files in C:\Documentum\Shared to C:\Temp\eas-services\WEB-INF\lib. (When prompted, select Copy and Replace and select “Do this for the next 2 conflicts”.)
5. Copy C:\Documentum\config\dfc.properties to C:\Temp\eas-services\WEB-INF\classes
6. Copy C:\eas\install\core\build\war\conf\eas-services\eas-services.properties to C:\Temp\eas-services\WEB-INF\classes
7. Using WordPad, open eas-services.properties and set eas\_dctm\_ws\_repository to train; save as plain text.
8. Stop the Apache Tomcat service.
9. Copy C:\Temp\eas-services to C:\Tomcat\webapps.
10. Start the Apache Tomcat service
11. Install the EAS UI:
12. Using WinZip, extract C:\EAS\install\core\war\eas-gui-2.3.002. to C:\temp\eas-gui.
13. Copy xDB dependencies – that is, C:\Program Files\xDB\lib\xhive.jar and all the .jar files in C:\Program Files\xDB\lib\core – to C:\Temp\eas-services\WEB-INF\lib
14. Copy DFC dependencies – that is, all the .jar files in C:\Documentum\Shared to C:\Temp\eas-services\WEB-INF\lib. (When prompted, select Copy and Replace and select “Do this for all conflicts”.)
15. Copy C:\eas\install\core\build\war\conf\eas-gui\eas-gui.properties to C:\Tomcat\_da\webapps\eas-servies\WEB-INF\classes. (No changes are needed in this file.)
16. Stop the Apache Tomcat service.
17. Copy C:\Temp\eas-gui to C:\Tomcat\webapps.
18. Start the Apache Tomcat service
19. In a browser window, open <http://localhost:8080/eas-gui>. You should see a login screen. Do not attempt to log in yet. (You will do this later, after you install and configure the audit holding, which also configures the authentication needed for EAS gui.)
20. Install the EAS\_Training.dar file

Note: I created the EAS\_Training.dar file. It is NOT supplied by EMC. It is intended only for this training course. (In the Ingestion Configuration lab, we can have students look at the various bits that this DAR installs, which is documented in the Ingestion Configuration lab (Lab 05) in the internal training course.)

1. Open the DAR Installer (dardeployer.exe), found in: C:\Documentum\product\7.0\install\composer\ComposerHeadless
2. In the \*DAR field, browse to the EAS\_Training.dar file that you downloaded from [ftp.hostedtraining.com](ftp://ftp.hostedtraining.com)
3. In the Docbroker Details panel, click Connect .
4. For the Repository Details, use train and dmadmin/training, and then click Install.
5. Install the audit (EAS-AUDIT-001) holding and configure dmadmin to be able to use it (and the EAS user interface):
6. Go to C:\eas\install\holdings\EAS-AUDIT-001
7. Edit build.properties; set DCTM\_REPOSITORY to train. Set the DCTM\_USER\_PWD to training.
8. Open a command prompt window and execute this to install the holding

cd c:\eas\install\holdings\EAS-AUDIT-001

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1. Open DA and add the dmadmin user to the eas-audit-001 role.
2. After installing the holding, make sure you can log into the EAS user interface and see the audit search forms (“EAS System Forms”).
3. In a browser window, go to <http://localhost:8080/eas-gui>.
4. Log in as user dmadmin/training. You should see this:

