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Installation Instructions:
Oracle XML DB XFILES Demonstration

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Executive Overview

The XFILES application is a web-based front-end to the content management features of the Oracle XML DB repository. The application itself provides a simple demonstration of how to create an application using XML, the Oracle XML DB HTTP server and the Database Native Web Services features of Oracle XML DB.

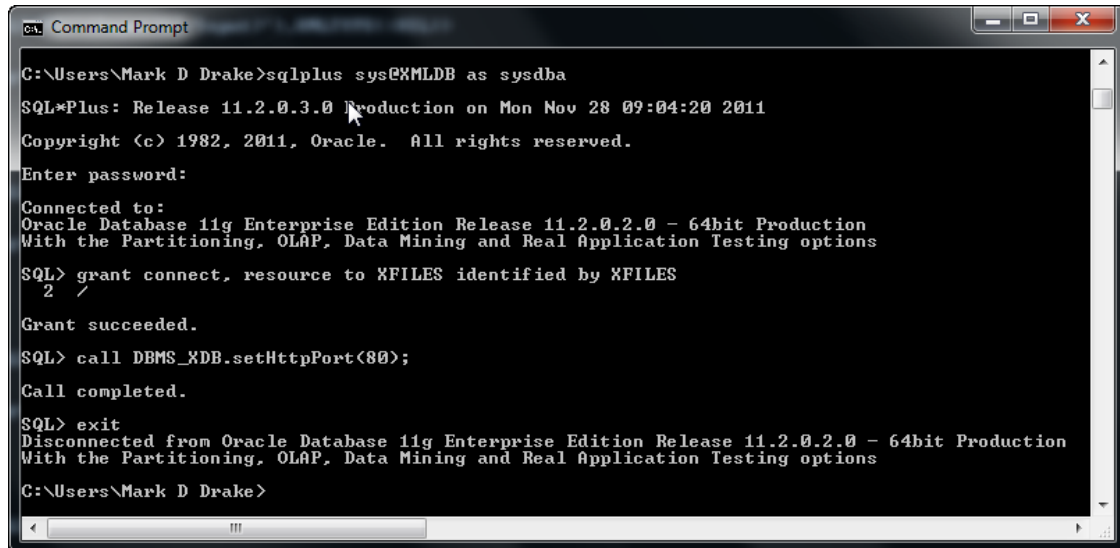
Preparing the Installation Environment

Pre-requisites

- Installation must be performed from an MS-Windows environment; however the target database can be running on any platform.
- The installation directory must be a local drive on the installation machine. The use of network or mapped drives can lead to 'cross-site' scripting exceptions being reported.
- It must be possible to use SQL*PLUS to establish a connection to the target database as "SYSDBA" from the installation machine
- A new database schema must be available to host the XFILES Application
- The database's native HTTP Server must be enabled.

Enable the database's HTTP Service

Assuming the TNSALIAS XMLDB maps to the target database, open a dos command prompt and execute the following commands



```

C:\Users\Mark D Drake>sqlplus sys@XMLDB as sysdba
SQL*Plus: Release 11.2.0.3.0 Production on Mon Nov 28 09:04:20 2011
Copyright (c) 1982, 2011, Oracle. All rights reserved.
Enter password:
Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.2.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
SQL> grant connect, resource to XFILES identified by XFILES
2 /
Grant succeeded.
SQL> call DBMS_XDB.setHttpPort(80);
Call completed.
SQL> exit
Disconnected from Oracle Database 11g Enterprise Edition Release 11.2.0.2.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
C:\Users\Mark D Drake>

```

Configuring XFILES user and Database HTTP Port

Verify that the Database's Native HTTP server is running

Execute the command lsnrctl status in target database's Oracle Home.

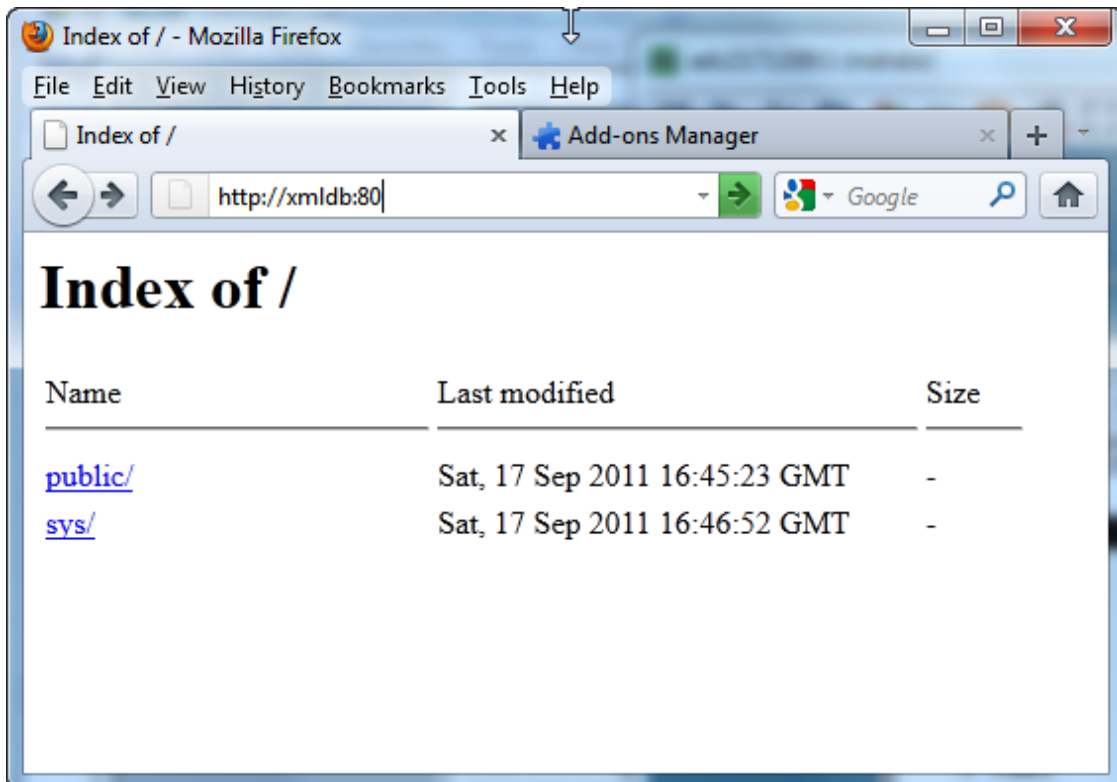
The output of the lsnrctl command should include the following if the listener is correctly configured for HTTP.

```
(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=xmlb)(PORT=80))(PROTOCOL_STACK=(PRESENTATION=HTTP)(SESSION=RAW)))
```

Note that the value of the PORT entry should match the port number specified in the call to DBMS_XDB.SETHTTPPORT() and that the value of the HOST entry should match the hostname or ip-address that clients will use when connecting to the database's native HTTP service.

Verify that the Database's HTTP service is reachable

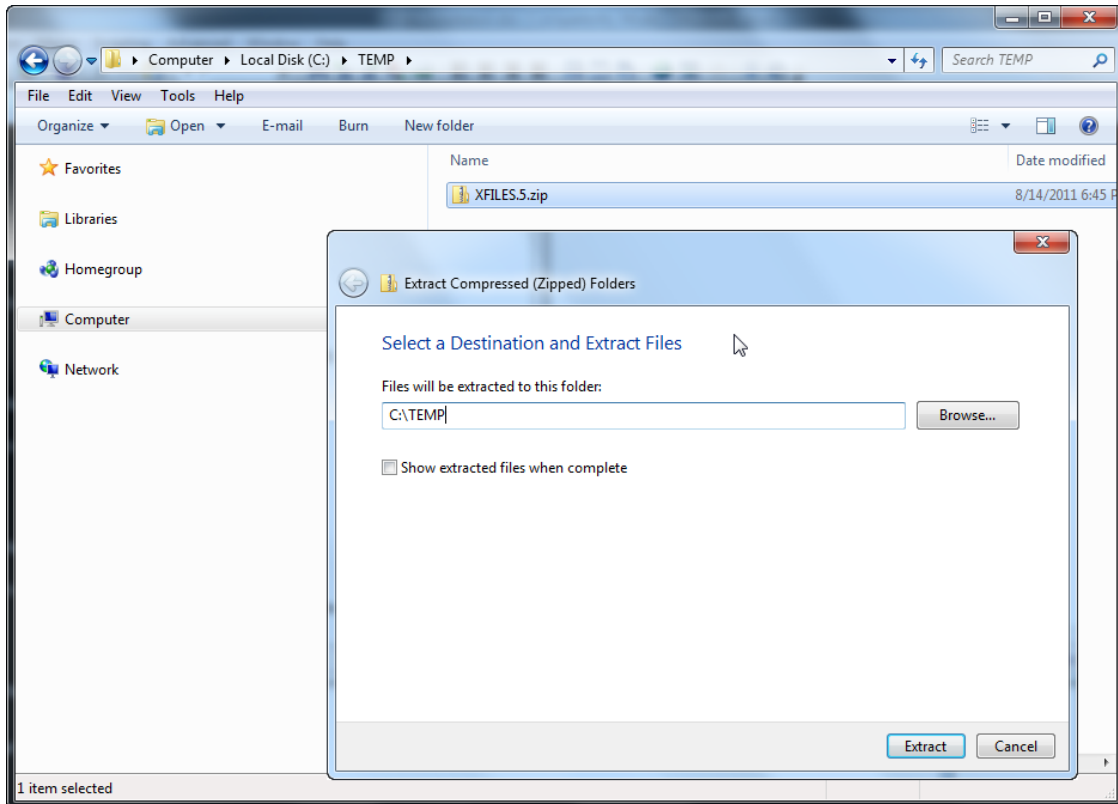
Use a browser to verify that the HTTP service is reachable. Start a browser on the installation machine and enter the following URL: `HTTP://hostname:port`. The values of hostname and port should match the values in the `lsnrctl` status output. If everything is installed and configured correctly the database should respond with an HTTP page similar to the one shown below.



HTML view of the root folder of the XML DB Repository

Download and unzip the installation media.

Download the latest version of the archive that contains the installation media. The installation media can be found [here](#). Unzip the archive. This will create the installation folder.



Extracting the Installation Media

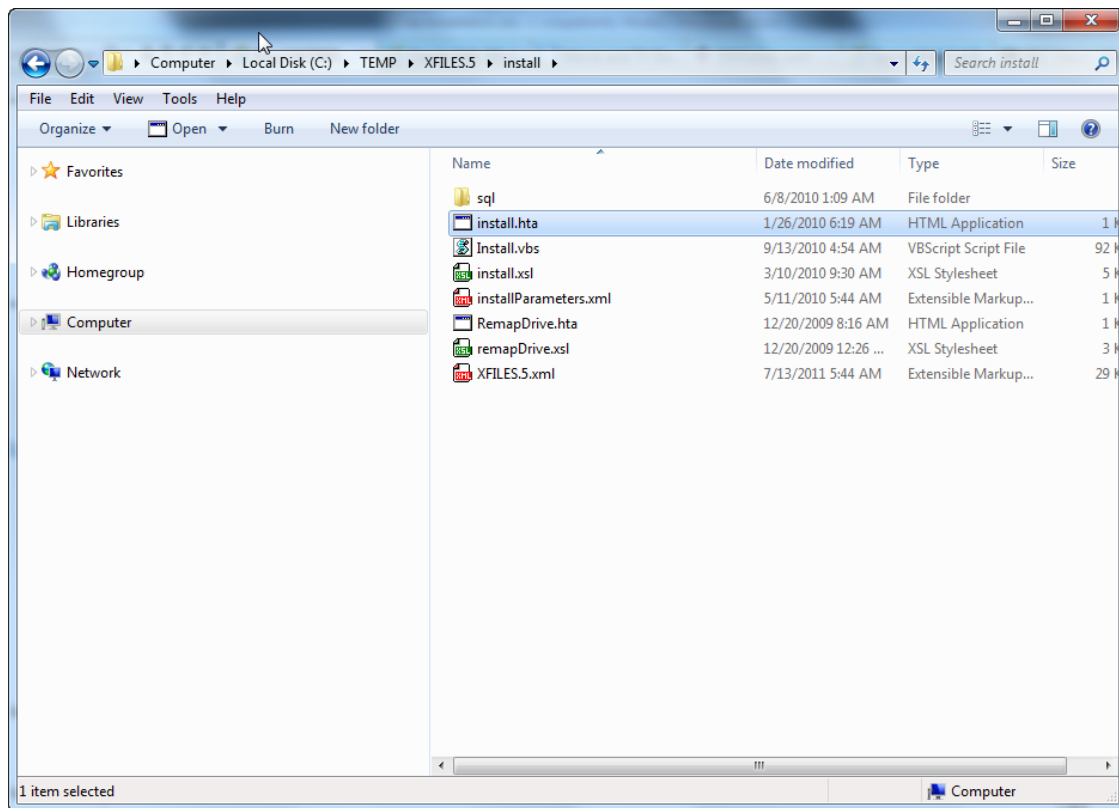
Installation

Locate the Install Folder

The name of the installation folder reflects the current version of the XFILES application. The latest version of the XFILES application is 5, so the installation folder is XFILES.5. Set the current directory to the install folder which is a direct child of the installation folder. Note that installing the XFILES application also installs the XDBPM Utilities. This means that the installation process will drop and recreate the locked database schema XDBPM.

Launch the Installer

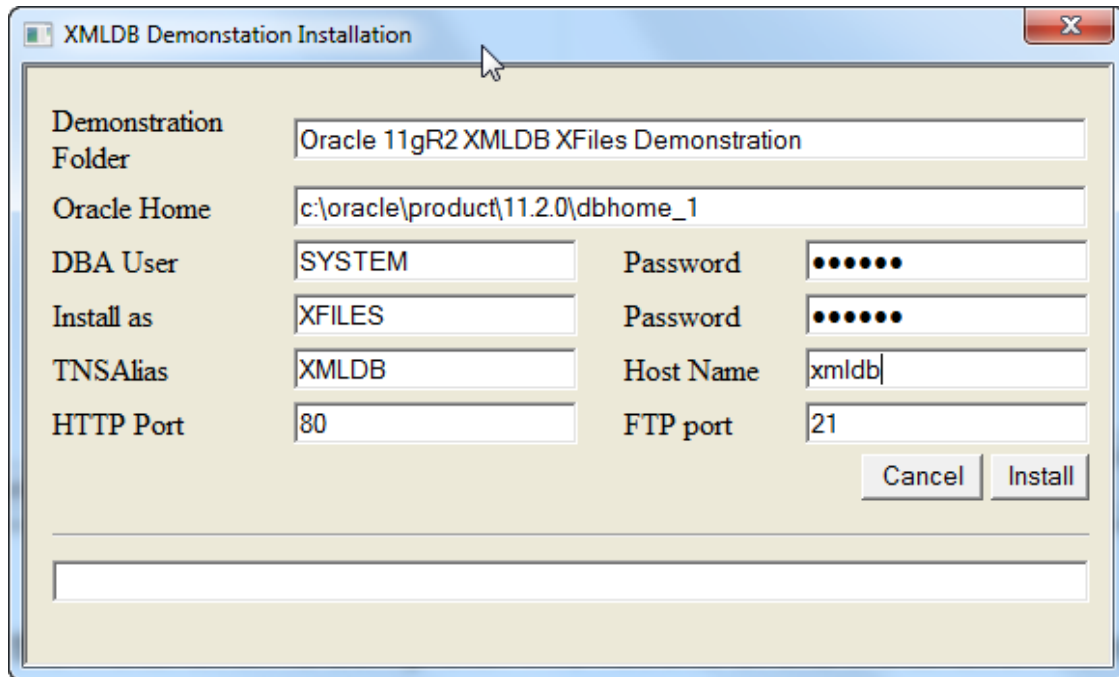
Launch the Installer by double clicking on install.hta icon



Launching the installer

Perform the Installation

The installer application provides a simple GUI interface that can be seen below



The screenshot shows a window titled "XMLDB Demonstration Installation". The window contains several input fields for configuration:

Demonstration Folder	Oracle 11gR2 XMLDB XFiles Demonstration		
Oracle Home	c:\oracle\product\11.2.0\dbhome_1		
DBA User	SYSTEM	Password	••••••
Install as	XFILES	Password	••••••
TNSAlias	XMLDB	Host Name	xmlldb
HTTP Port	80	FTP port	21

At the bottom right of the form area, there are two buttons: "Cancel" and "Install". Below the form area is a large empty text box.

Verify that the pre-populated values are appropriate for your installation and supply the necessary passwords and then click on the Install button.

The system will report when the installation is complete. The results of the installation can be found in the installation.log file.

Once the Installation has completed successfully you can launch the application by opening a browser and navigate to the following URL <http://xmlldb:80/XFILES>. Note that in the previous example the hostname and port number should reflect the values supplied to the installer.



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