Install Java

Folder where java executable saved:

\\mnepapp81-d\xPression\EPS\_Team\xPression 4.7 Migration\Install

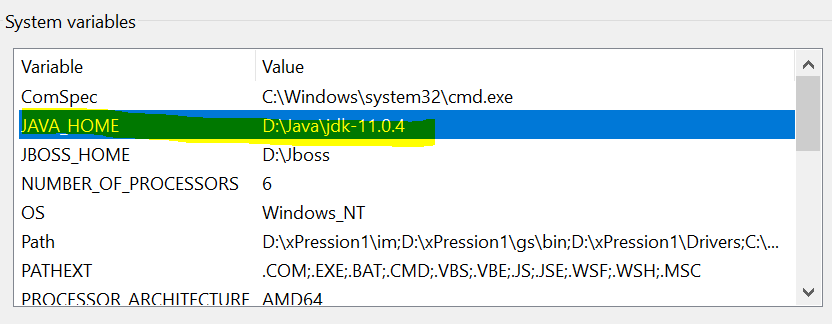
jdk-11.0.4\_windows-x64\_bin

installed on the server: DC2APP1081D

D:\Java\jdk-11.0.4

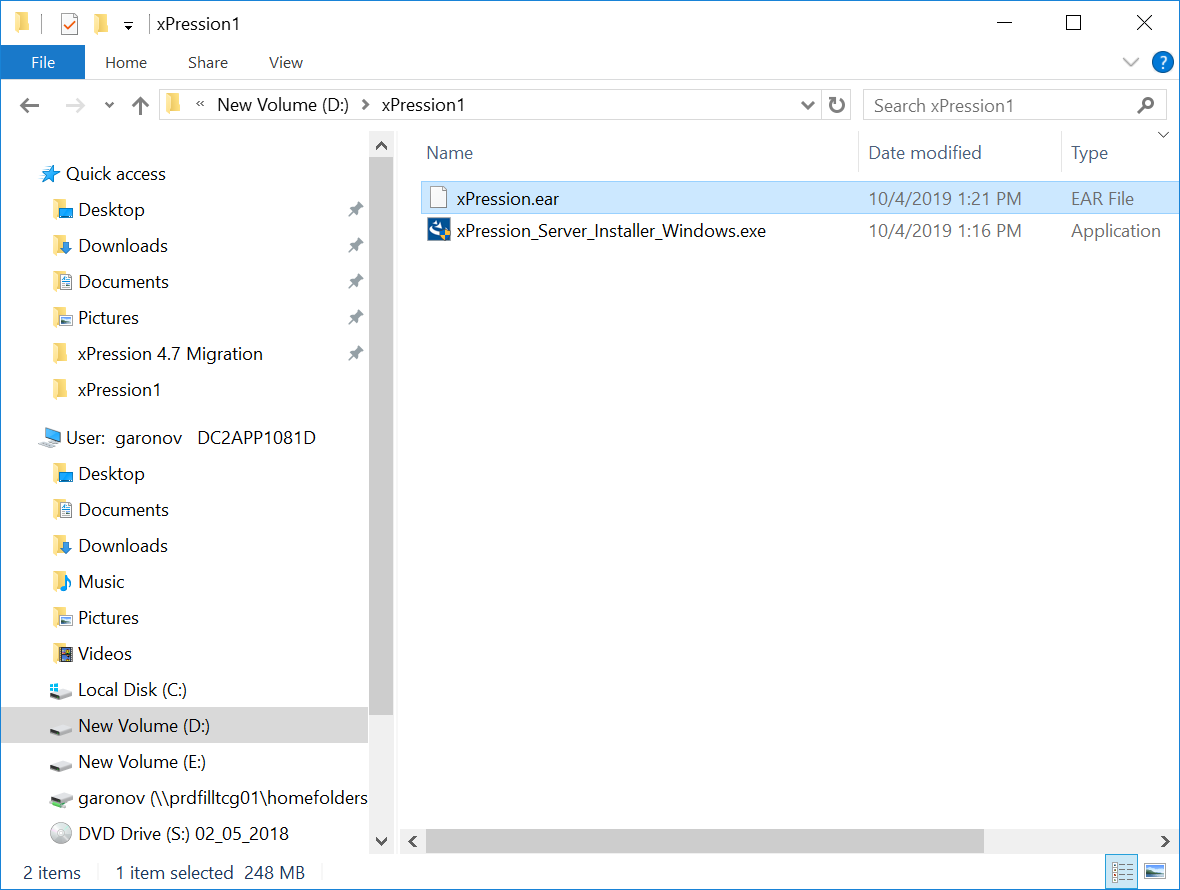
Set environmental variables JAVA\_HOME D:\Java\jdk-11.0.4

JBOSS\_HOME D:\Jboss

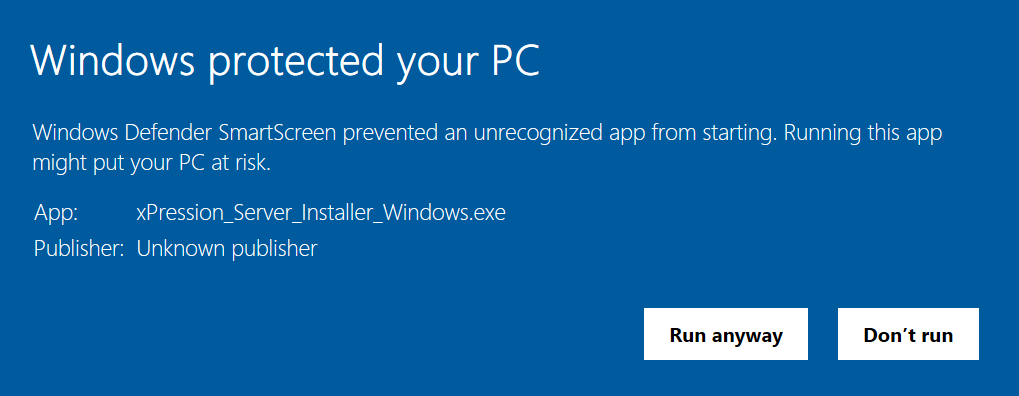


Create a folder on the server:

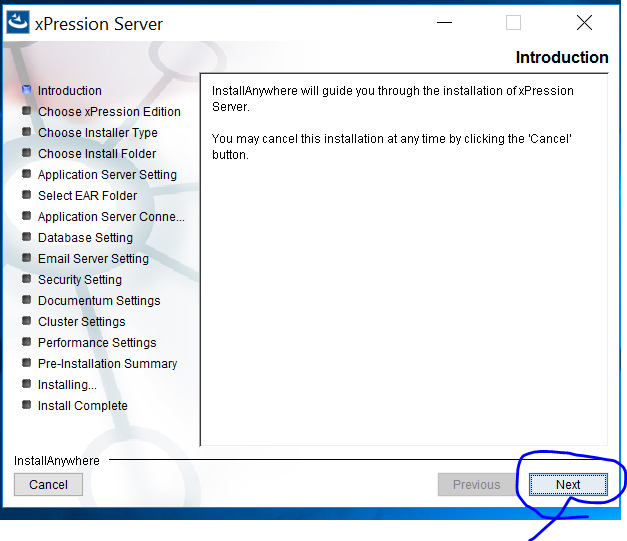
D\xPression1

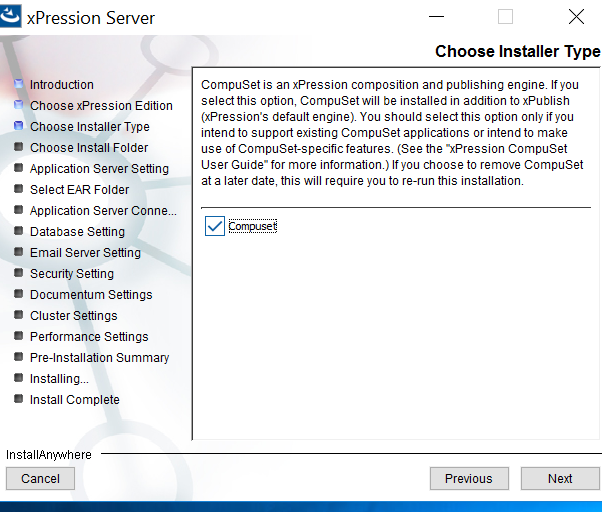


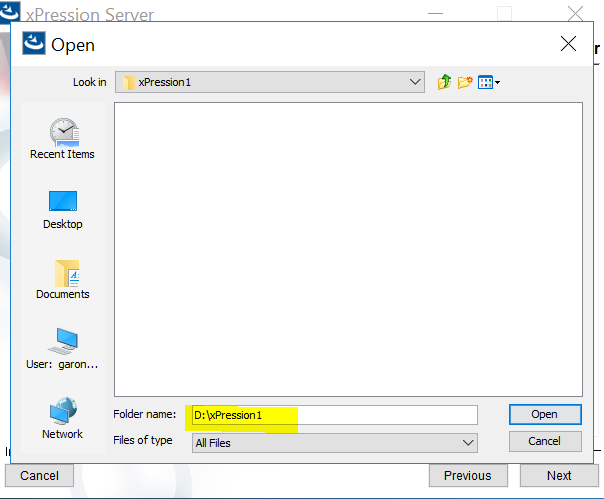
Copy 2 files to the folder: xPression.ear and xPression\_Server\_Installer\_Windows.exe

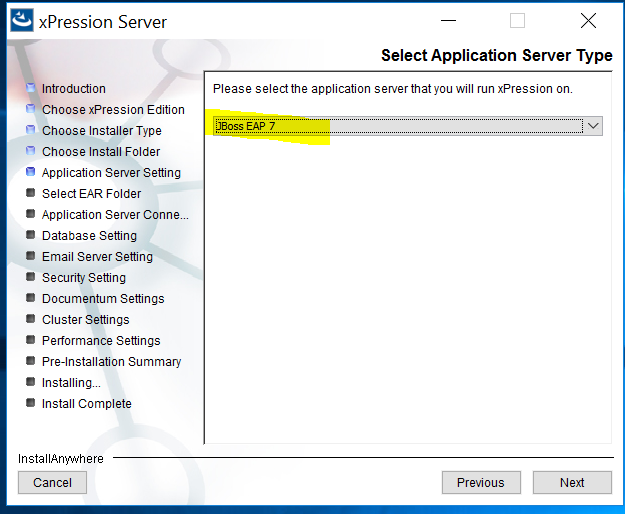


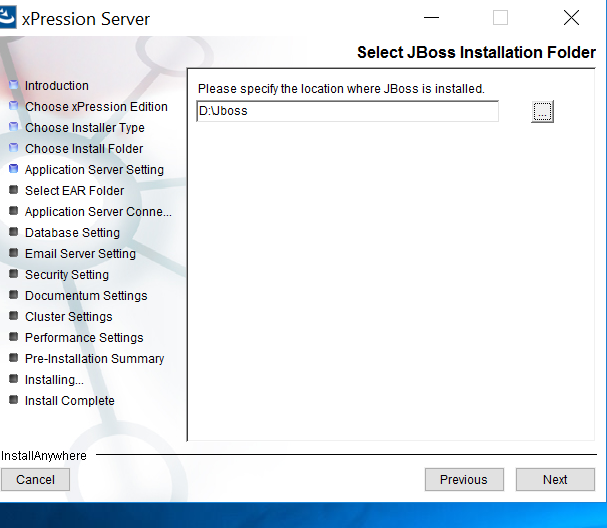
Click “Run anyway”

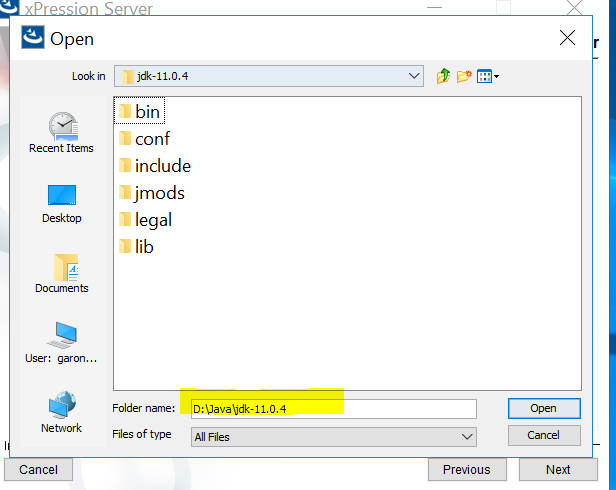


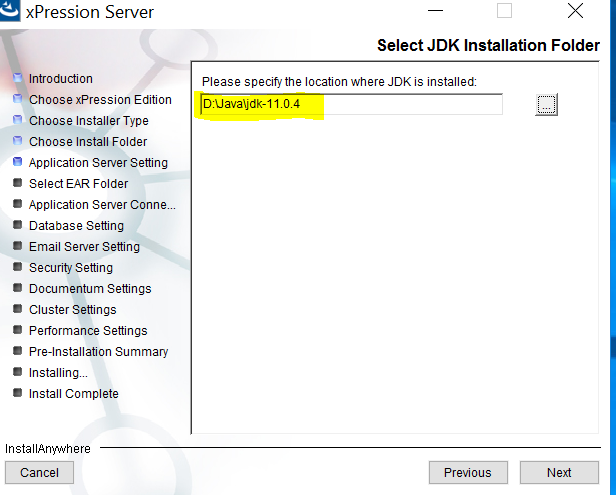


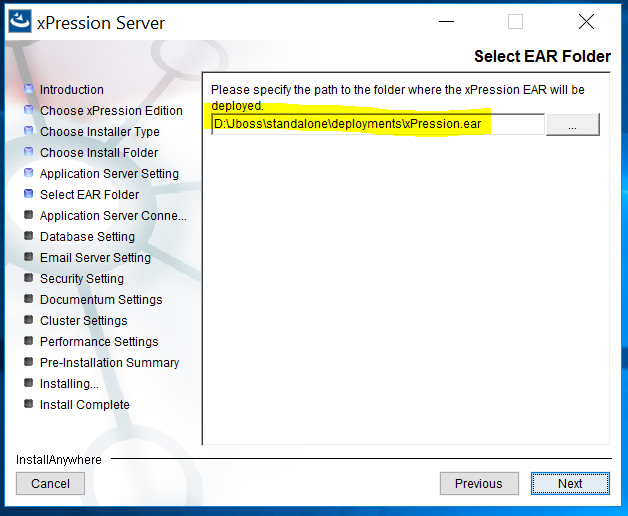


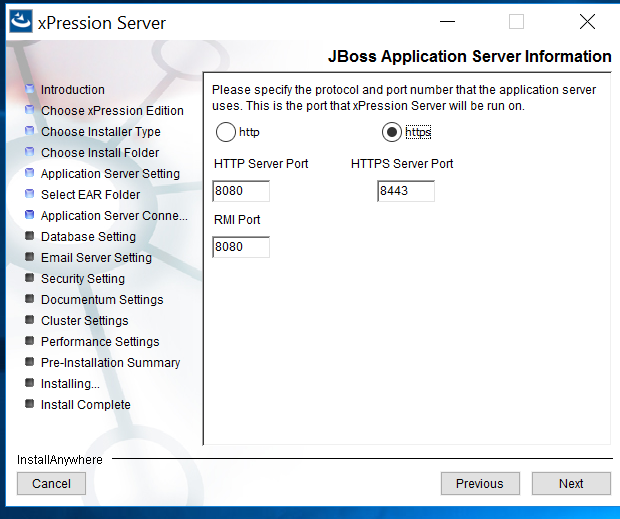


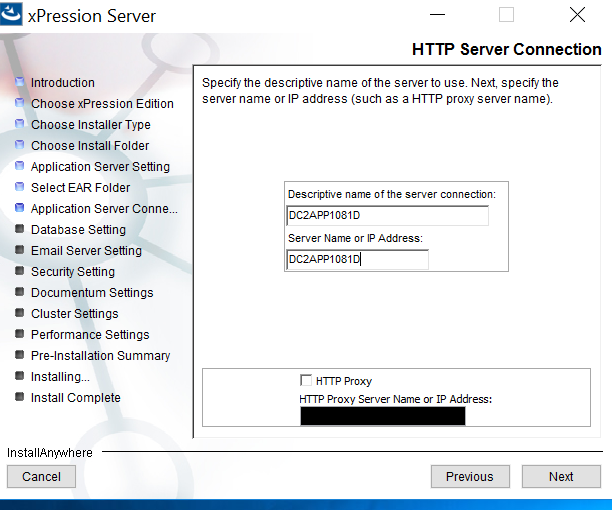


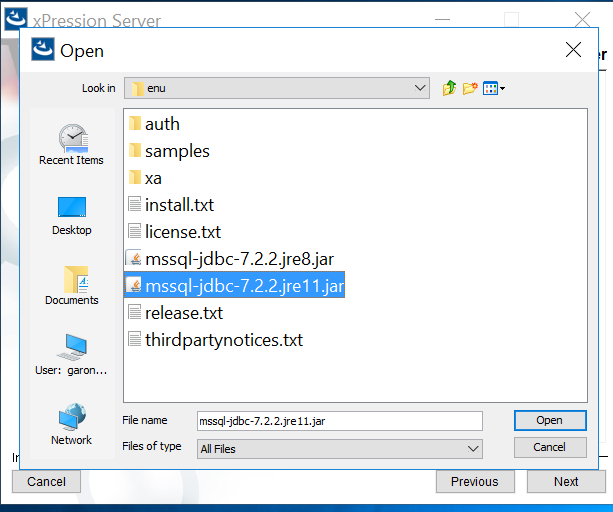






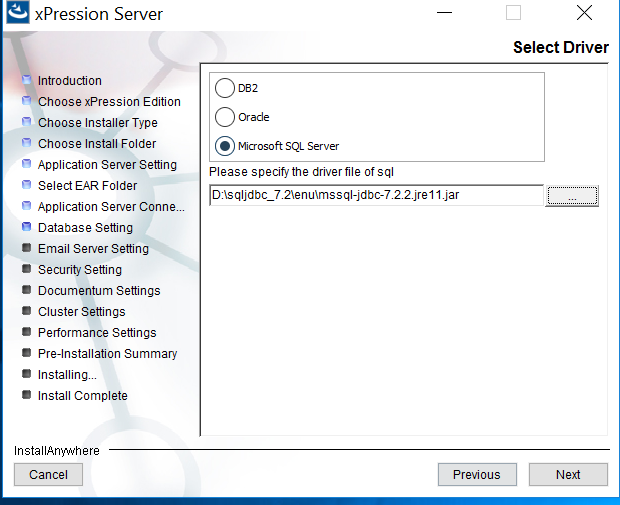


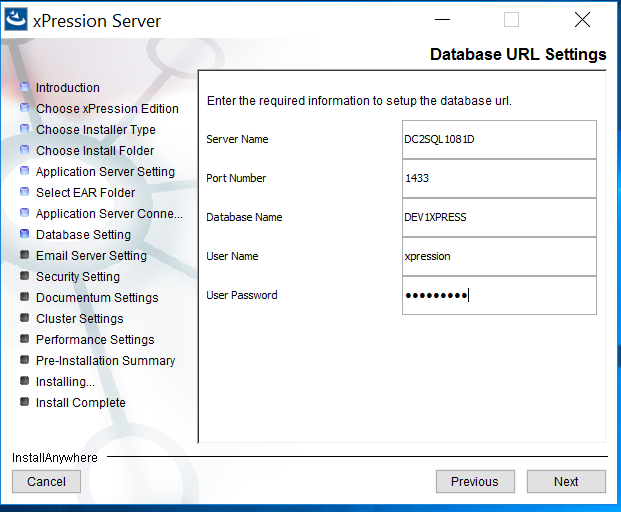


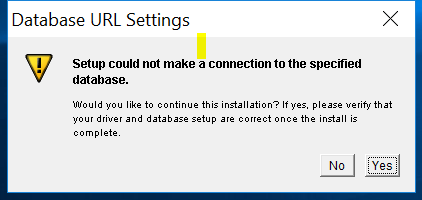


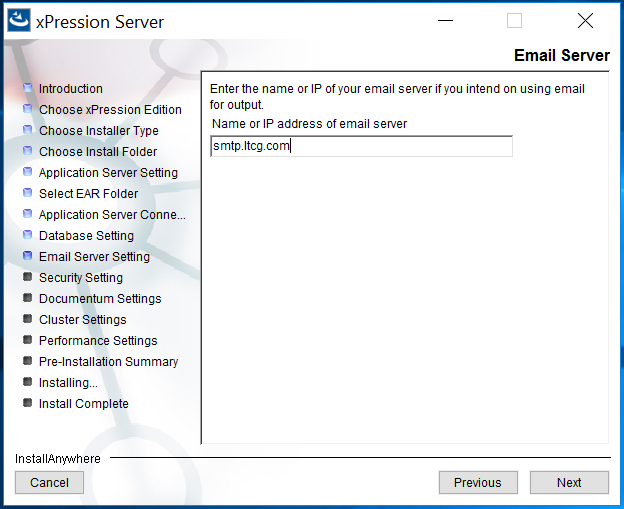
Path for sql server driver

D:\sqljdbc\_7.2\enu\mssql-jdbc-7.2.2.jre11.jar



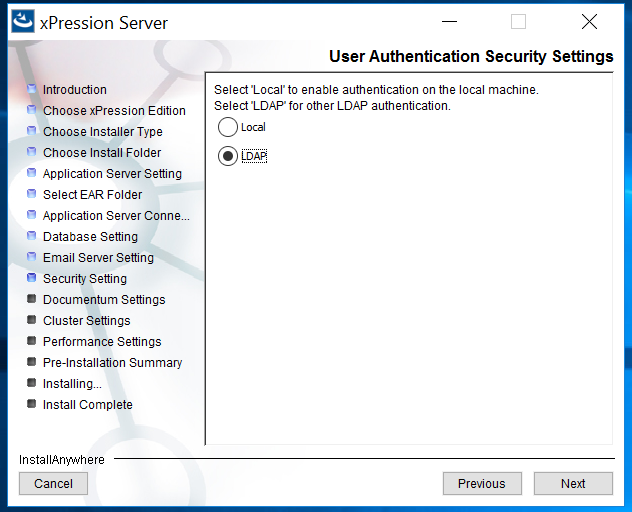


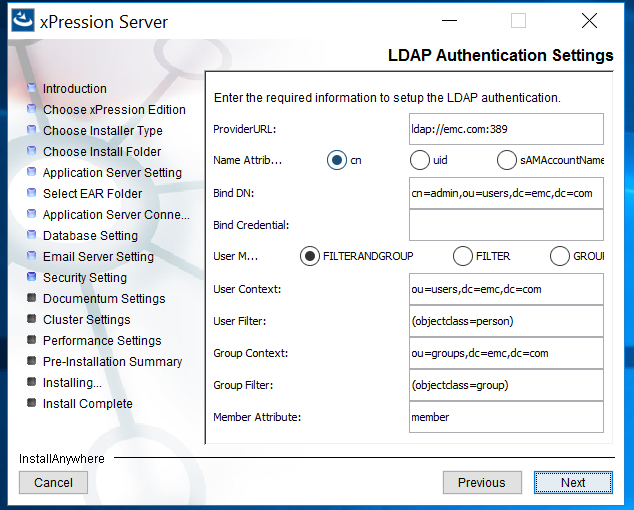


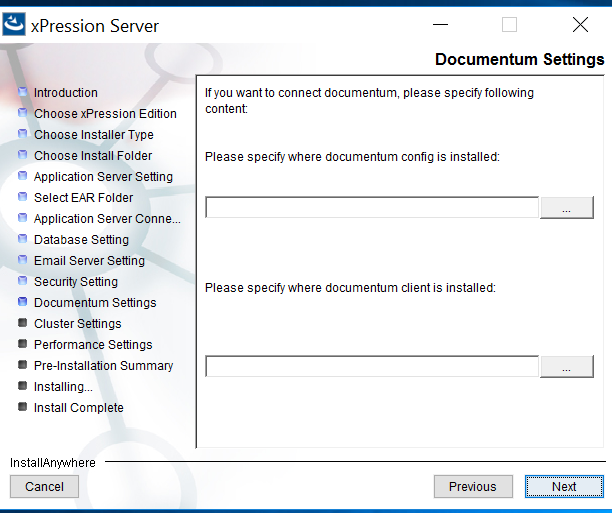


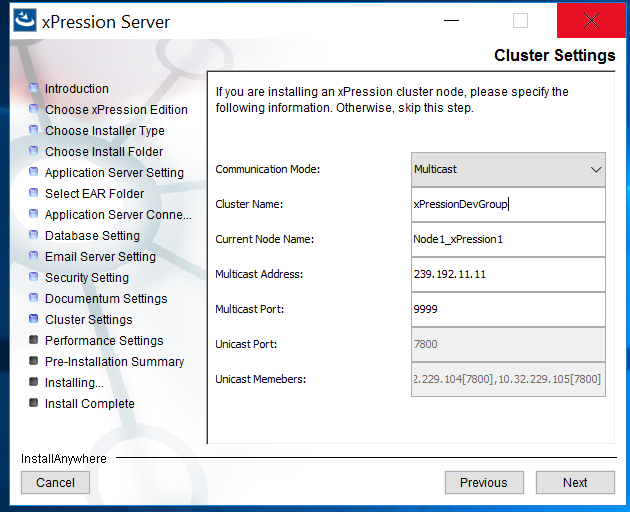
Choose **LDAP** authentication.

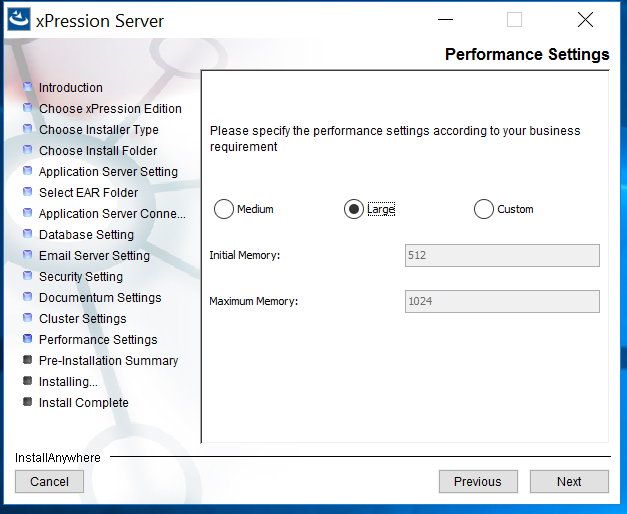
Enter in **test** for the password and click **Next**. (LDAP will be configured after the installation.

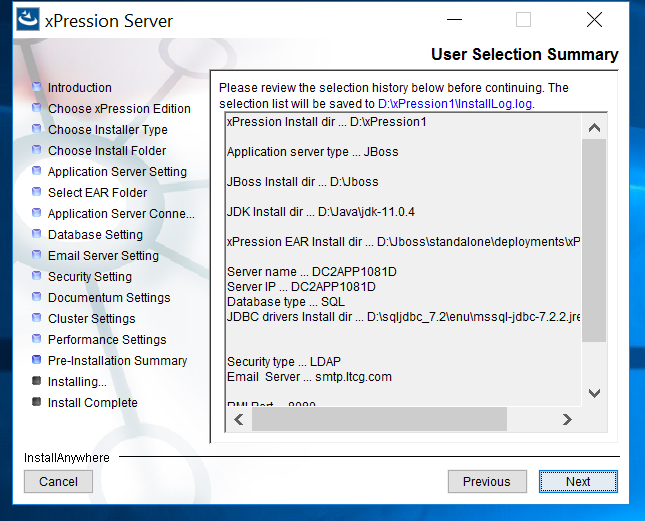


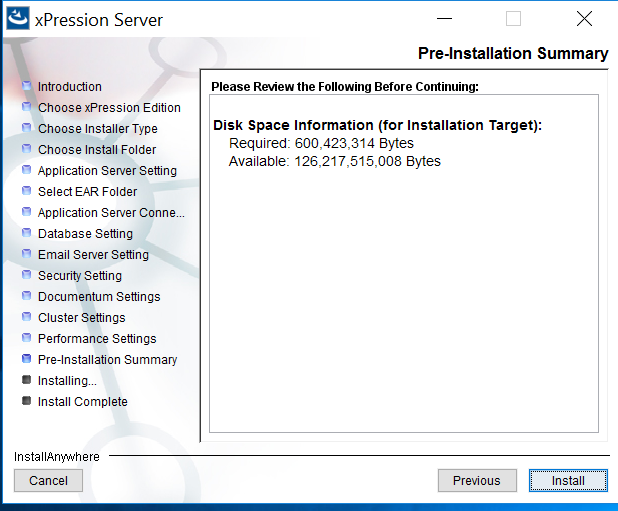


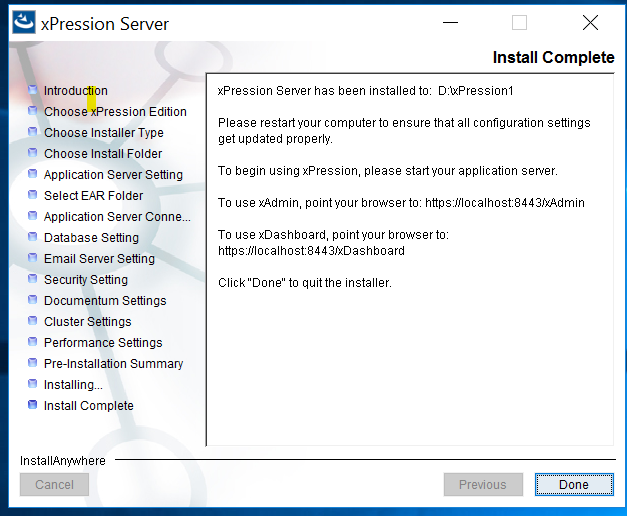


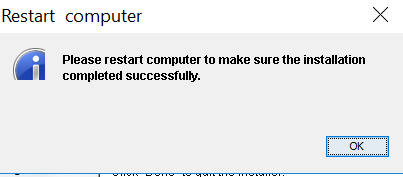












**Running as a windows service**

* Extract jbcs-jsvc-1.1.0-win6-x86\_64 to d:\jbcs-jsvc-1.1.  You should now have a path d:\jbcs-jsvc-1.1\bin. Verify this exists.
* In the Jboss bin directory, Create a copy of service.bat, call it xPressionService.bat.
* In xPressionService.bat, Update the path to jbcs-jsvc in the file to point to the correct folder.
  + I just replaced all occurrences of jbcs-jsvc-1.0 with jbcs-jsvc-1.1
* Open a command prompt as an administrator
* Navigate to the Jboss bin folder in command prompt
* Run the following command

xPressionService.bat install /startup /name JBoss\_xPression1\_Server /desc JBoss\_xPression1\_Server /config xpression-standalone.xml /loglevel INFO

* Run services.msc
* Verify the Jboss\_xPression1\_Server service exists
* Update the username and password for the service - see Brent for credentials.  Credentials are different between dev, test, and production. **DO NOT USE THE SAME CREDENTIALS IN EACH ENVIRONMENT**
* Start the service
* Verify the xPression server is running without issue

Username is [SVC-EPS-APP-DEV@corporate.ltcg.com](mailto:SVC-EPS-APP-DEV@corporate.ltcg.com)

Update files:

D:\Jboss\bin\standalone.conf.bat

D:\xPression1

BatchRunner.properties

BatchRunner.bat

**BatchRunner.bat** we set it to -Xms1024M -Xmx4096M

From Java\_Option=-server -Xms512M -Xmx1024M

To Java\_Option=-server -Xms8G -Xmx8G

Copy files from  D:\xPression1\CustomerData  from 4.5 to 4.7?

From mnepapp81-d to DC2APP1081D

Copy files from [\\mnepapp81-d\xPression1\image](file:///\\mnepapp81-d\xPression1\image)

To DC2APP1081D

D:\xPression1\image

|  |  |  |
| --- | --- | --- |
| **Filename** | **Comparison result** | **Changes needed to 4.7 file** |
| Bats | Left only: [\\mnepapp81-p\xPression1](file:///\\mnepapp81-p\xPression1) | Copy from respective 4.5 dev, test, or prod server |
| CustomerData |  | Copy from respective 4.5 dev, test, or prod server, except servers.xml |
| EPSUtil | Left only: [\\mnepapp81-p\xPression1](file:///\\mnepapp81-p\xPression1) | Copy from respective 4.5 dev, test, or prod server |
| Publish |  | Copy from respective 4.5 dev, test, or prod server |
| xBatchlog | Left only: [\\mnepapp81-p\xPression1](file:///\\mnepapp81-p\xPression1) | Copy from respective 4.5 dev, test, or prod server |
| BatchRunner.bat | Text files are different | -Xms1024M -Xmx4096M |
| BatchRunner.properties | Text files are different | ListenerFactoryImpClass = com.ltcg.userexit.LtcgLifeCycleListenerFactory  Java\_Option=-server -Xms1024M -Xmx4096M |
| customerdata.properties | Text files are different | LTrim=true   RTrim=true |
| defaultMetaDataFormat.xml | Text files are different | Copy from respective 4.5 dev, test, or prod server |
| ldapcfg.properties | Text files are different | Copy from respective 4.5 dev, test, or prod server |
| LogConfiguration | Text files are different | Change to use DailyRollingFileAppender |

1. Edit d:\jboss\standalone\configuration\xpression-standalone.xml
2. Remove this section from the file:

                    <security>

  <user-name>xpression</user-name>

  <password>tpwpCXih</password>

                    </security>

1. Change the <connection-url>
   1. Add integratedSecurity=true;
   2. For example, for the dev server, it should look like this:  <connection-url>jdbc:sqlserver://DC2SQL1081D:1433;selectMethod=cursor;databaseName=DEV1XPRESS;integratedSecurity=true;</connection-url>
      1. This connection-url will be different between dev, test, and prod, as there will be difference sqlserver and databaseName values.
2. Copy D:\sqljdbc\_7.2\enu\auth\x64\sqljdbc\_auth.dll to the following folders:
   1. d:\Java\jdk-11.0.4\bin
   2. d:\Java\jdk-11.0.4\lib
3. Restart the xPression service
4. Verify no errors in jboss log
5. Verify that you can still get into xAdmin