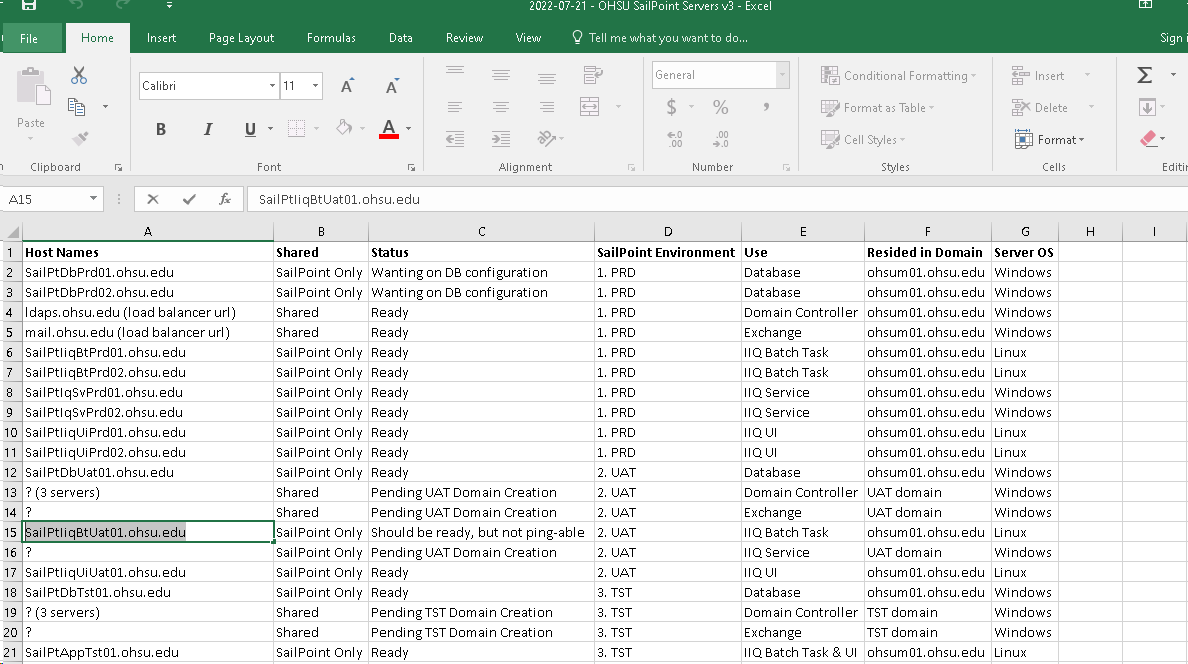
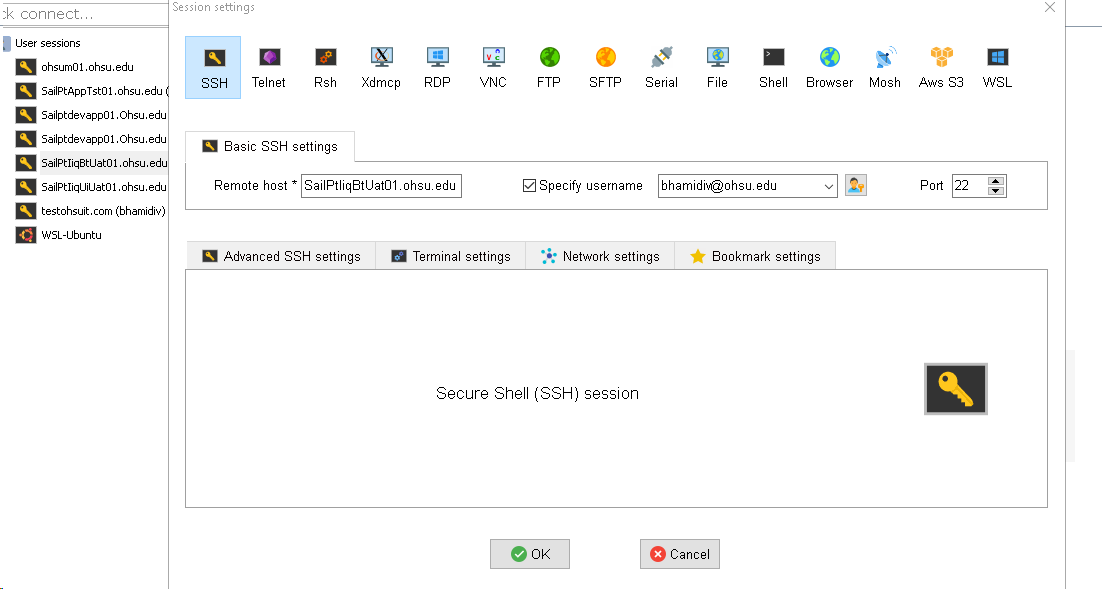
Installation Steps For UAT- (Batch Server)

1. Connect the IIQ UAT-BatchI server in Linux Mob XTerm , so copy the hostname from OHSU –SailPoint Servers xlx

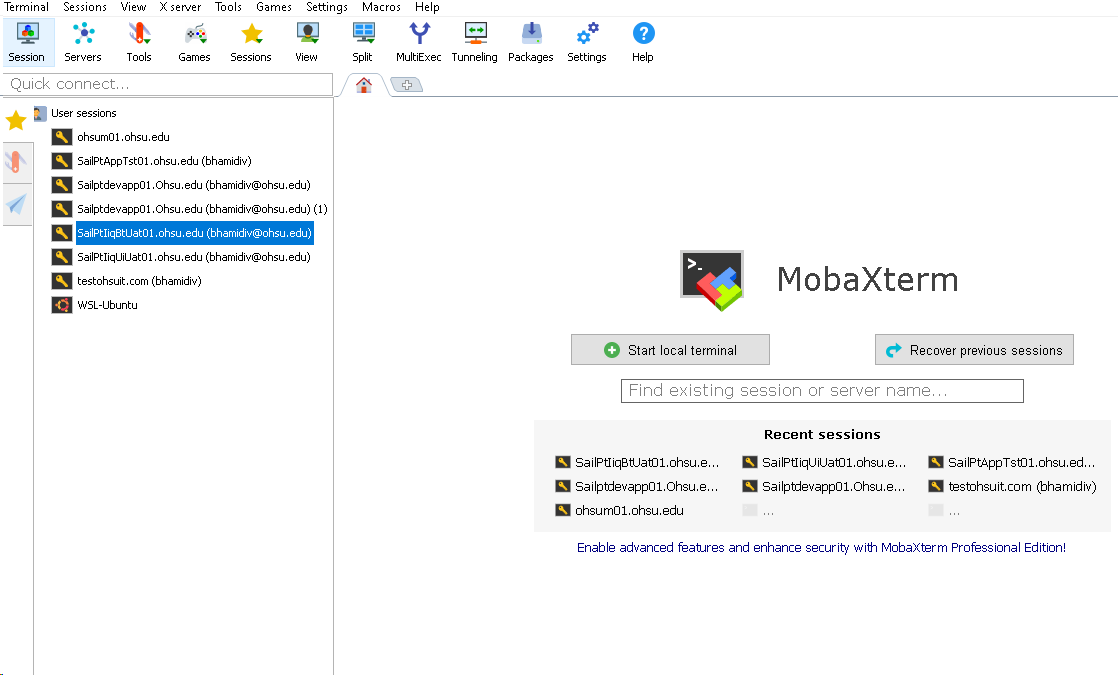
Copy the hostname:- SailPtIiqBtUat01.ohsu.edu



1. Open Mob X Term application and click on Session and click on SSH
   1. Specify the UI Server name In the Remote Host :- SailPtIiqBtUat01.ohsu.edu
   2. Enable the checkbox Specify Username :- bhamidiv@ohsu.edu

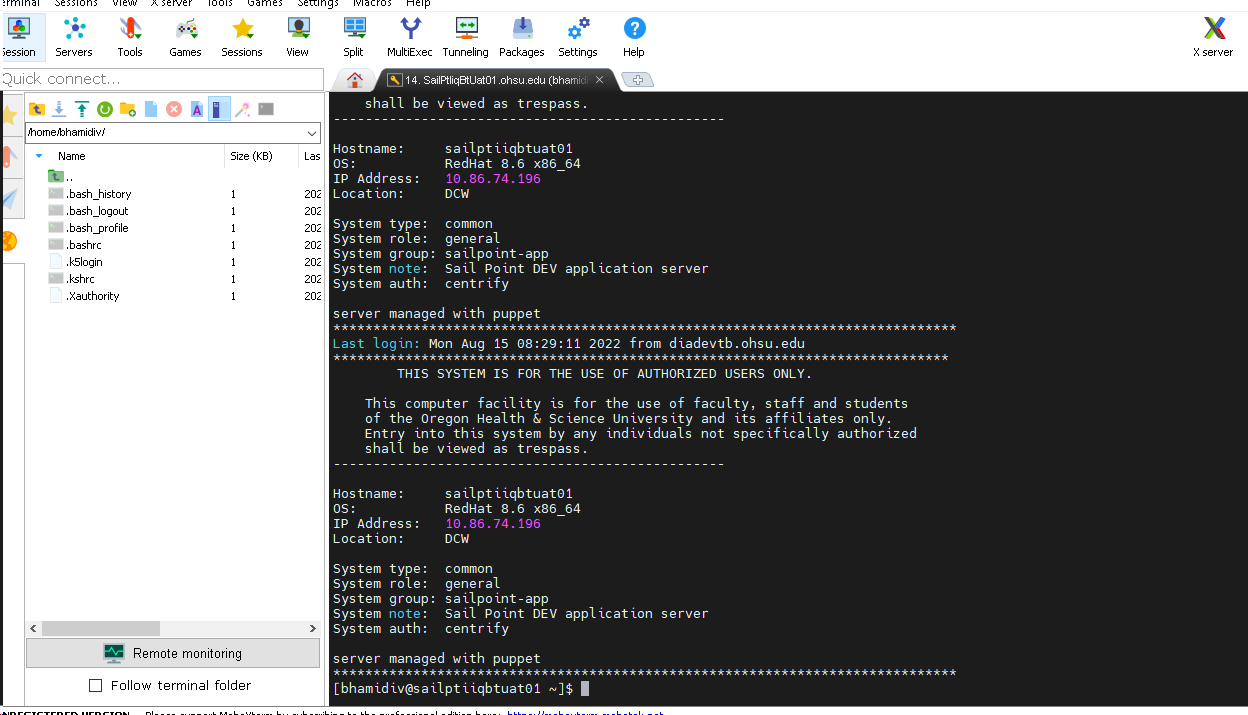


1. Double click on server name to connect the server

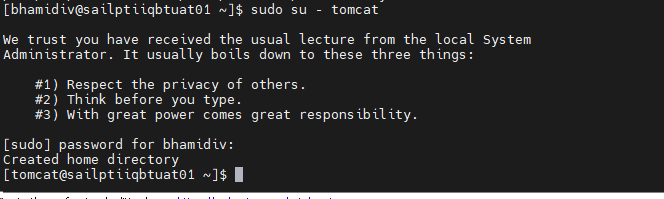


1. If its first time It will ask to enter the password Specify Bhamidiv password :-\*\*\*\*

Then It will connect to the server

.

1. Login with sudo privileges
   1. Command: sudo su - tomcat
   2. Type bhamidiv password :-\*\*\*\*

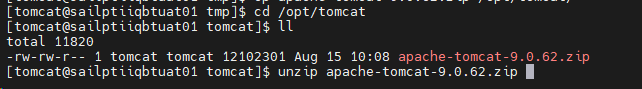


# INSTALLATION STEPS FOR APACHE TOMCAT

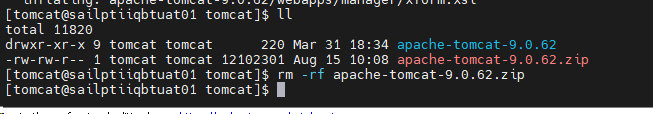
1. Now we have to install Apache Tomcat 9.0.62 so, for that copy zip file which is present in tmp directory
2. copy zip and place in /opt/tomcat



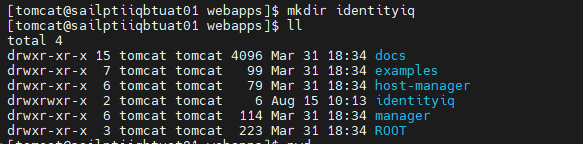
1. Go inside tomcat directory cd opt/tomcat and unzip the zip file



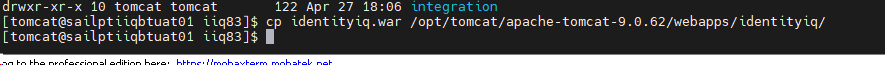
1. Remove zip from tomcat directory



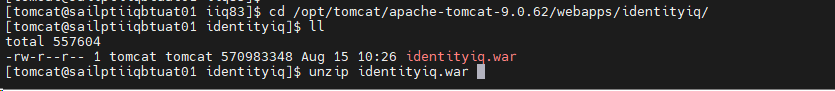
1. Go inside webapps and create new directory named identityiq
   1. cd /opt/tomcat/apache-tomcat-9.0.62/webapps
   2. mkdir identityiq



1. Download identityiq8.3.zip from compass community and place it in tmp directory. Unzip the download to find a war file - identityiq.war
2. copy war file into opt/tomcat/apache-tomcat9/webapps/identityiq directory



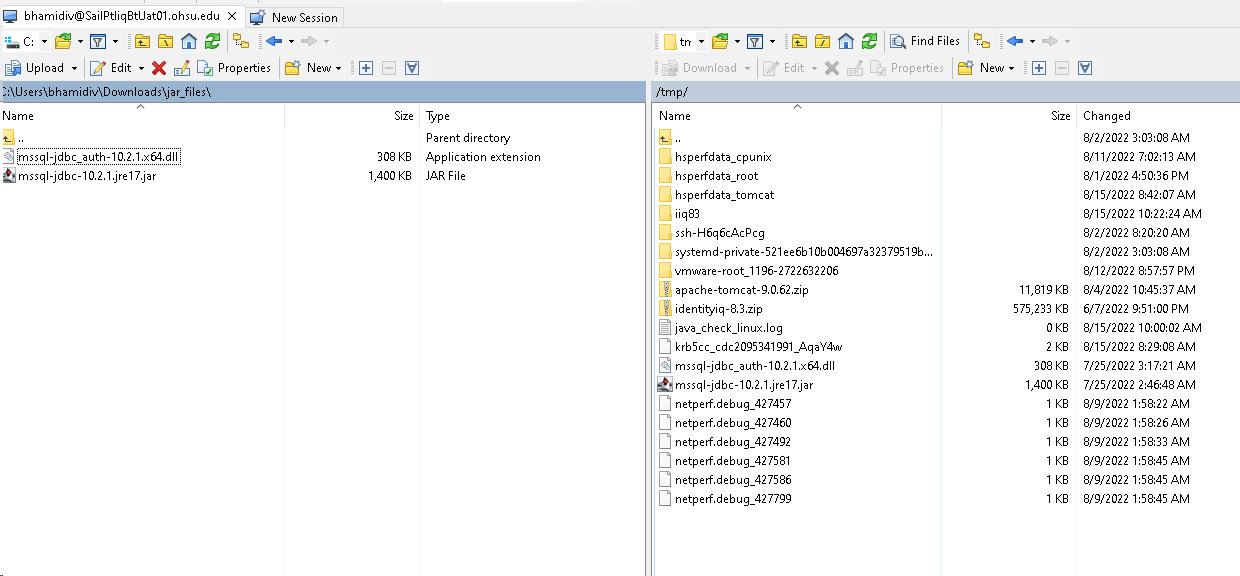
1. Unzip the war file into identityiq directory



1. Make sure to remove identityiq.war from identityiq directory.



1. Place the jar mssql-jdbc\_10.2.1.jre17.jar and mssql-jdbc\_auth-10.2.2.x64.dll in /opt/tomcat/apache/webapps/identityiq/WEB-INF/lib
   1. Copy jars from jar\_files and place it in tmp dir



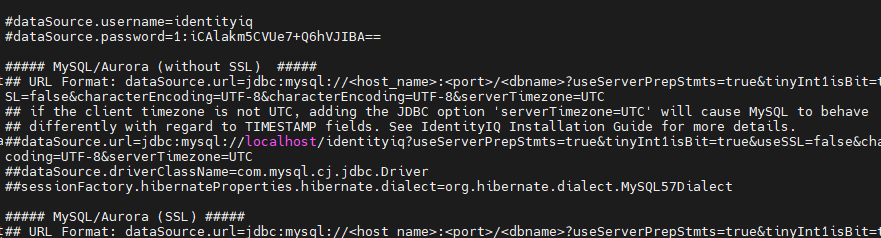
1. Copy the two jars into lib dir
   1. cp mssql-jdbc\_auth-10.2.1.x64.dll /opt/tomcat/apache-tomcat-9.0.62/webapps/identityiq/WEB-INF/lib
   2. cp mssql-jdbc-10.2.1.jre17.jar /opt/tomcat/apache-tomcat-9.0.62/webapps/identityiq/WEB-INF/lib



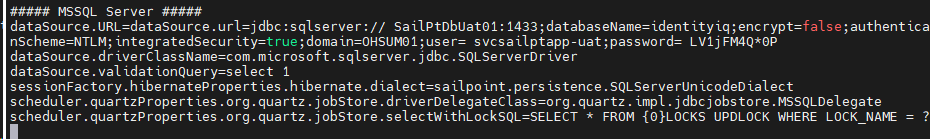
1. Now Edit iiq.properties to connect the database
   1. vi /opt/tomcat/apache-tomcat-9.0.62/webapps/identityiq/WEB-INF/classes/iiq.properties



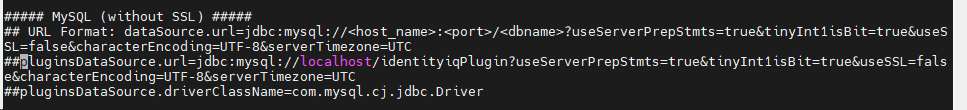
1. Make sure to comment
   1. dataSource username & password under “Data Source Properties”
   2. And under the MySql (Without SSL) comment the URL, driver class name and hibernate properties



1. Change the MSSQL Server details to the below values
   1. ##### MSSQL Server #####
      1. dataSource.url=dataSource.url=jdbc:sqlserver://SailPtDbUat01:1433;databaseName=identityiq;encrypt=false;authenticationScheme=NTLM;integratedSecurity=true;domain=OHSUM01;user= svcsailptapp-uat;password= LV1jFM4Q\*0P
      2. dataSource.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDriver
      3. dataSource.validationQuery=select 1
      4. sessionFactory.hibernateProperties.hibernate.dialect=sailpoint.persistence.SQLServerUnicodeDialect
      5. scheduler.quartzProperties.org.quartz.jobStore.driverDelegateClass=org.quartz.impl.jdbcjobstore.MSSQLDelegate
      6. scheduler.quartzProperties.org.quartz.jobStore.selectWithLockSQL=SELECT \* FROM {0}LOCKS UPDLOCK WHERE LOCK\_NAME = ?



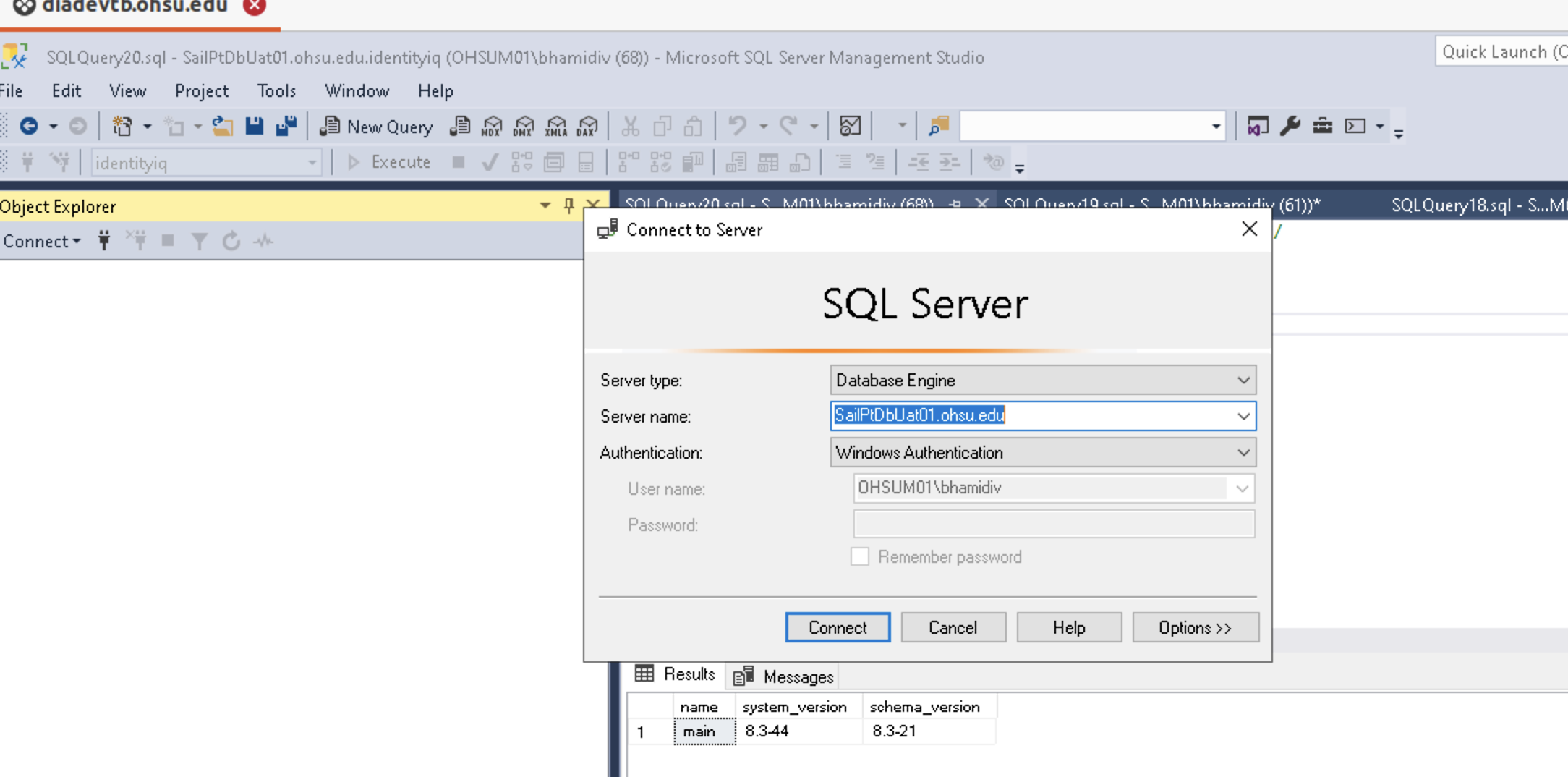
1. In the Plugin section of the file, comment the following:
   1. Username and password under “Plugins Data Source Properties”
   2. mysql identityiq section



1. In the plugin section of the file, under the MSSQL server details, enter the below values
   1. dataSource.url=jdbc:sqlserver://SailPtDbUat01:1433;databaseName=identityiqPlugin;encrypt=false;authenticationScheme=NTLM;integratedSecurity=true;domain=OHSUM01;user= svcsailptapp-uat;password= LV1jFM4Q\*0P
   2. dataSource.driverClassName=com.microsoft.sqlserver.jdbc.SQLServerDriver
2. Save and exit the iiq.properties file

# IIQ Database Setup

1. Using SQLServer Management studio connect to the uat database engine



1. Create the login accounts using the below scripts
   1. Identity IQ login Script:

CREATE DATABASE identityiq

GO

--create a sql server login with which to connect

CREATE LOGIN [OHSUM01\svcsailptapp-uat] FROM WINDOWS;

ALTER LOGIN [OHSUM01\svcsailptapp-uat] WITH DEFAULT\_DATABASE = [identityiq]

GO

USE [identityiq]

GO

--create a user in our db associated with our server login and our schema

CREATE USER [svcsailptapp-uat] FOR LOGIN [OHSUM01\svcsailptapp-uat] WITH DEFAULT\_SCHEMA = [identityiq]

GO

-- create a schema

CREATE SCHEMA identityiq AUTHORIZATION [svcsailptapp-uat]

GO

--grant permissions

grant select,insert,update,delete to [svcsailptapp-uat]

GO

--this makes our default user the db owner, so it can be

--used to run upgrade scripts. This is a convenience for

--non-production environments and is not necessary for

--normal IdentityIQ operation. It is recommended to remove

--this in production environments and run the upgrade scripts

--as another user with db\_owner rights.

EXEC sp\_addrolemember 'db\_owner', [svcsailptapp-uat]

GO

-- Enable automatic snapshot isolation

ALTER DATABASE identityiq SET ALLOW\_SNAPSHOT\_ISOLATION ON

GO

ALTER DATABASE identityiq SET READ\_COMMITTED\_SNAPSHOT ON

GO

* 1. Identityiq Plugin Login script:

CREATE DATABASE identityiqPlugin

GO

USE identityiqPlugin

GO

--create a sql server login with which to connect

--CREATE LOGIN [OHSUM01\svcsailptapp-uat] FROM WINDOWS;

ALTER LOGIN [OHSUM01\svcsailptapp-uat] WITH DEFAULT\_DATABASE = [identityiqPlugin]

GO

USE identityiqPlugin

GO

--create a user in our db associated with our server login and our schema

CREATE USER [svcsailptapp-uat] FOR LOGIN [OHSUM01\svcsailptapp-uat] WITH DEFAULT\_SCHEMA = identityiqPlugin

GO

-- create a schema

CREATE SCHEMA identityiqPlugin AUTHORIZATION [svcsailptapp-uat]

GO

--grant permissions

grant select,insert,update,delete,create table to [svcsailptapp-uat]

GO

--this makes our default user the db owner, so it can be

--used to run scripts.

EXEC sp\_addrolemember 'db\_owner', [svcsailptapp-uat]

GO

-- Enable automatic snapshot isolation

ALTER DATABASE identityiqPlugin SET ALLOW\_SNAPSHOT\_ISOLATION ON

GO

ALTER DATABASE identityiqPlugin SET READ\_COMMITTED\_SNAPSHOT ON

GO

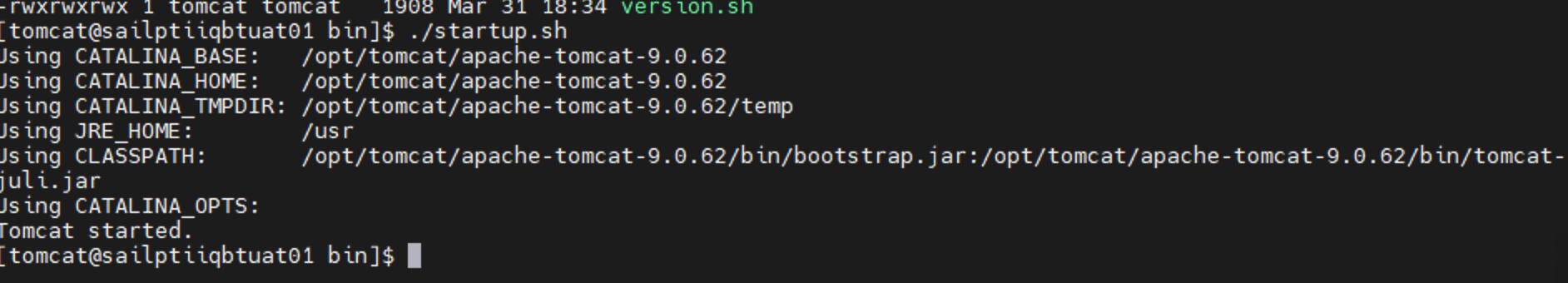
1. Now create the tables in the respective dbs.
   1. Copy the Create\_identityiq\_tables.sqlserver from the database server/opt/tomcat/apache-tomcat-9.0.62/webapps/identityiq/WEB-INF/database/create\_identityiq\_tables.sqlserver)
2. Launch the iiq console
   1. Before Launching the iiq console ,give the executable permissions to the console script
   2. opt/tomcat/apache-tomcat9.0.62/webapps/identityiq/WEB-INF/bin/iiq console
3. From inside the iiq console prompt, import init.xml



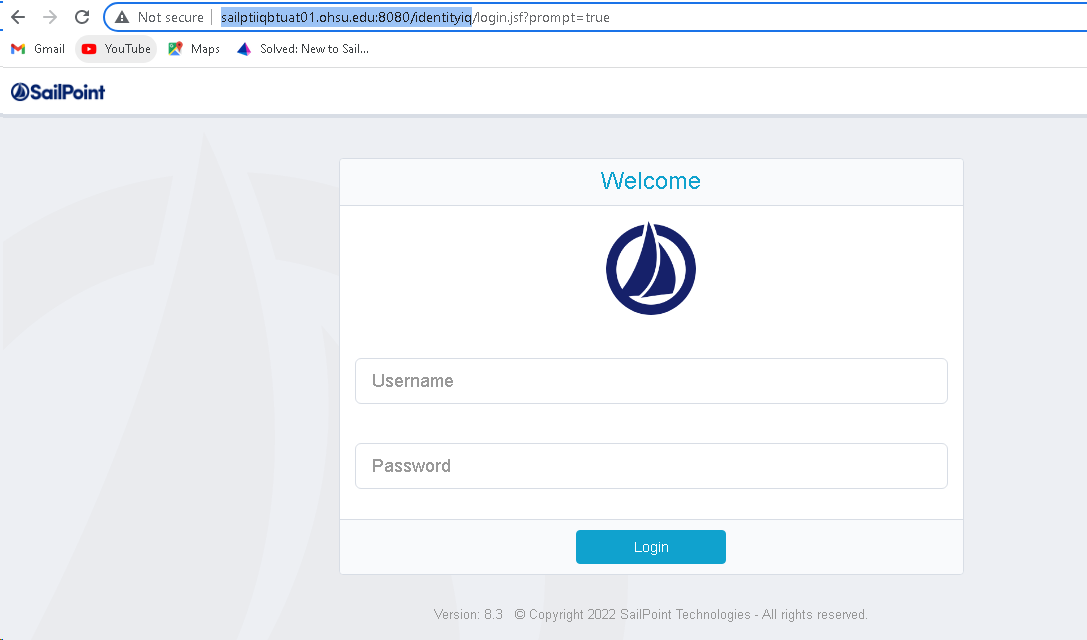
1. import init-lcm.xml



1. Exit the iiq console
2. Start the tomcat server
   1. cd /opt/tomcat/apache-tomcat-9.0.62/bin



1. on a browser, goto <http://sailptiiqbtuat01.ohsu.edu:8080>
2. And then add <http://sailptiiqbtuat01.ohsu.edu:8080/identityiq>



1. Installation complete