# Setup Oracle RDS using Amazon Web services

\*\*\*\*\*\*\*Requires Amazon AWS account\*\*\*\*\*\*\*

1. Login to aws account and go to Services > RDS
   1. This will give options to provision a relational database system

# Procedural Steps for installing and configuring APEX server

\*\*\*\*\*\*\*\*\*NEEDS PRE-REQS SOFTWARE JAVA and SQL\*PLUS\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

1. Login to **ec2-52-53-225-236.us-west-1.compute.amazonaws.com as ec2-user**

a - install some important packages

sudo yum install -y zip unzip wget telnet

2. Create a apexuser

useradd -d /home/apexuser apexuser

passwd password

3. Switch to apexuser account

su - apexuser

4. Download **APEX 4.1.1** and **APEX listener 1.1.4 zip** files

<http://www.oracle.com/technetwork/developer-tools/apex/application-express/apex-41-archive-1863572.html>

<http://www.oracle.com/technetwork/developer-tools/apex-listener/downloads/apexlistener-114-1886626.html>

5. Sign into **Oracle OTN** account:

a - copy download link from site.

6. On the linux server, use wget command to download files from hyperlink you copied

wget <paste url from Oracle OTN site>

a - rename the zip file to its create name

mv <filename> <name filename>

7. Do the same for the listener file

8. Extract the APEX 4.1.1 file

unzip apex\_4.1.1.zip

9. Create a new directory and open the APEX listener file:

mkdir /home/apexuser/apexlistener

cd /home/apexuser/apexlistener

unzip ../apex\_listener.1.1.4.zip

10. While still in the apexlistener directory, run the APEX listener java program:

java -Dapex.home=./apex -Dapex.images=/home/apexuser/apex/images -Dapex.erase -jar ./apex.war

*The program will prompt you for the following:*

The APEX Listener Administrator username — the default is adminlistener: adminlistener

A password for the APEX Listener Administrator: password

The APEX Listener Manager username — the default is managerlistener: managerlistener

A password for the APEX Listener Administrator: password

The program will print a URL that you will need in order to complete the configuration:

*INFO: Please complete configuration at: http://localhost:8080/apex/listenerConfigure*

*Database is not yet configured*

11. Go to your browser, and enter **http://ec2-52-53-225-236.us-west-1.compute.amazonaws.com as ec2-user:8080/apex/Configure**

12. You will see the **Oracle Application Express Listener** administration window. Enter the following information:

Username— APEX\_PUBLIC\_USER

Password — password (This is the password that you specified earlier, when you configured the APEX repository.)

Connection Type— Basic

Hostname— csis498.csvkeftzg1pl.us-west-1.rds.amazonaws.com

Port— 1521

SID— BAC

Click **Apply** button and wait for the APEX administration window

13. Open another SSH shell as ec2-user.

a. you will need to set a password for the APEX admin using SQL\*Plus

b. su - apexuser

c. cd /home/apexuser/apex

d. sqlplus group2/group2password@csis498.csvkeftzg1pl.us-west-1.rds.amazonaws.com:1521/BAC

You should be connected to the Oracle RDS as group2 user

14. Execute the following SQL commands:

grant APEX\_ADMINISTRATOR\_ROLE to group2;

@apxchpwd.sql