

Assignment / Assessment Specification

Module Information			
Title System and Database Administration	ECTS Credits 5	Lecturer Patricia O'Byrne	Class group DT211C/4
Assignment			
Name Configure and download Oracle software and create a database.	Worth¹ 7% of the module marks		Due date/time 13 th Feb 2018 at 1pm
Submission mechanism (<i>Only submit through mechanisms listed here – other submissions will be ignored</i>) Journal on webcourses and demonstrate on your VM in the lab.	Group / individual INDIVIDUAL	Average hours² 8 hours	Late submission penalty No late submissions accepted without a PC1 form.
<p>Description of task:</p> <ul style="list-style-type: none"> • Ensure that Assignment 1 is complete. • Download the zip files for Oracle Enterprise Edition. • Using appropriate users / permissions, unzip them into a sub-directory of the oracle user's home directory. • Set up a new mount point to implement Oracle's Optimal Flexible Architecture. • Store your environment variables so that they are set when the oracle user logs in. • Set up the display parameters and run the OUI to install <u>the software only</u>. • Familiarize yourself with the concepts involved and do the following: <ul style="list-style-type: none"> ○ Set up networking to access the Internet from your VM, to provide a static IP address for your database server and to allow a client on the host machine to access the server ○ Host machine specifications and user permissions to enable the listener ○ Set up environment variables to enable management of the database through the enterprise manager ○ Create a database using the database configuration assistant ○ Create a listener using the net configuration assistant ○ Enable networking by starting the listener from the command line (not through EM) ○ Start the database and show the number of users you have set up. • During the demo you will be expected to be able to start the database. • Write up your experience in the Case Study Journal (see https://www.hamilton.edu/writing/writing-resources/journal-writing for advice on writing a journal). <p>DO:</p> <ul style="list-style-type: none"> • Use multiple sources for your guidance, taking note of them. • Double check any 'quick fix' that you see on a website before you use it. <p>AVOID:</p> <ul style="list-style-type: none"> • Copying! Plagiarism rules will apply. Students who plagiarize will get a value of zero and may face disciplinary action. 			

¹ As a percentage of the module marks.

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Submission requirement

- Demonstrate your VM to lecturer in lab time. You must have it with you.
- Write up your experience in your Case Study Journal

Demo requirement

Demonstrate your VM to the lecturer in lab time.

² This is the average amount of time that should be meaningfully spent by a student who has fully engaged with the module, and has done all exercises and recommended reading. **It does not include download and install time.**