

## Assignment / Assessment Specification

Module Information			
<b>Title</b> System and Database Administration	<b>ECTS Credits</b> 5	<b>Lecturer</b> Patricia O'Byrne	<b>Class group</b> DT211C/4
Assignment			
<b>Name</b> Set up and secure storage and configure applications	<b>Worth<sup>1</sup></b> 7% of the module marks		<b>Due date/time</b> 20/02/2018 12:59
<b>Submission mechanism</b> ( <i>Only submit through mechanisms listed here – other submissions will be ignored</i> ) Journal on webcourses and demonstrate on your VM in the lab.	<b>Group / individual</b> INDIVIDUAL	<b>Average hours<sup>2</sup></b> 8 hours	<b>Late submission penalty</b> No late submissions
<p><b>Description of task:</b></p> <ul style="list-style-type: none"> <li>Start your VM from shutdown, starting the listener and enterprise manager (the EM can be shut down immediately it is shown to be working).</li> <li>Enable the enterprise manager by starting the EMCTL.</li> <li>Start your listener and your enterprise manager.</li> <li>Start your database in stages using SQLPLUS.</li> <li>Connect from SQL Developer on your host to your Oracle server on the VM.</li> <li>Configure a local version of SQL Developer to run from a menu or icon on your VM.</li> <li>Find out where the tablespaces are on disk and how they got there.</li> <li>Look at the startup parameters you have set up (v\$parameter) and decide where you want your tablespace to go.</li> <li>Add a new tablespace, with a name that distinguishes it from other standard tablespaces and from other students' tablespaces.</li> <li>Carry out the instructions on 'Users, Roles and Profiles'.</li> <li>Write up your experience in the Case Study Journal as for previous assignments.</li> </ul> <p><b>DO:</b></p> <ul style="list-style-type: none"> <li>Use multiple sources for your guidance, taking note of them.</li> <li>Double check any 'quick fix' that you see on a website before you use it.</li> </ul> <p><b>AVOID:</b></p> <ul style="list-style-type: none"> <li>Copying! Plagiarism rules will apply. Students who plagiarize will get a value of zero and may face disciplinary action.</li> </ul>			

<sup>1</sup> As a percentage of the module marks.

<sup>2</sup> 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.**

## Assignment / Assessment Specification

---

### 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.