

# COMP3052.SEC Coursework

## Reflective Report (based on lab session)

### (40%)

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#### Learning Aims:

This coursework is designed to enable you to reflect and report on your computer security experiences in the lab sessions. You should also use appropriate references.

#### Explanation

You are required to write a detailed report, of about 1,500 words, that covers the computer security that you will have encountered in the labs and lectures. Marks will be awarded for the correctness and completeness of your answers (including whether or not you have explored the topic in enough depth, and whether what you have written about is technically correct). For top marks, any additional knowledge beyond what you have learned in the class sessions or labs will demonstrate that you have really understood the concepts.

#### Topic: Server Security

You are expected to write **up to 1,500 words** for this topic. During the labs you will have worked to improve the security of a vulnerable server. Describe in detail what actions you performed, and why, and what actions you would perform if you had more time. Which services did you install or remove? What configurations did you change? And so on. As you can imagine, there are many things you could do to this machine to improve security: try to perform or describe as many as you feel is reasonable to secure it. Many marks are available here for detail, but given that you have 1,500 words, try to prioritise the critical vulnerabilities first. In some cases (e.g. distribution upgrades) it is acceptable to simply say what you would have done given more time, ... but feel free to perform these actions if you wish.

#### Submission & Deadline:

The deadline for submission is 16:00 (4 pm) on Wednesday, May 13<sup>th</sup>, 2020. All submissions must be through Moodle.