School of Computing
ST2612 Securing Microsoft Windows
AY2020/2021 S1
Case Study on Windows Servers Security

1.0   INTRODUCTION

This assignment constitutes part of your in-course assessment (15%). Please spend some time to research materials outside your textbook to complete this case study.

2.0   OBJECTIVES

The learning objectives of this assignment is to research into the topics that relate to the Windows Server security tools, vulnerabilities and threats.

3.0   INSTRUCTIONS

3.2 This is an individual assignment.

3.2 The deliverable:

   A Written Report. (Not more than 5 pages)

3.3 Your Written Report is to be submitted through Blackboard by Monday, 5pm, 15th Jun 2020 (Week 9).

3.4 Take note of the "**SOC – Policy on Late Submission of Assignments**". 50 marks will be deducted for every working day late submission. Assignments will not be accepted after more than 2 working days after the due date.

Warning: **Plagiarism - anyone found plagiarising in this assignment would be penalised. Marks awarded for the presentations will be equally divided for the parties involved.**

4.0   ASSIGNMENT REQUIREMENTS

4.1. The Case Study Tasks

You may choose from <u>one</u> of the following two case study topics for this assignment.

- Common Windows Attacks
  Briefly describe the causes and impacts of at least THREE common attacks targeted at <u>windows servers</u>
  Zoom in to one of the above and identify a set of possible preventions / protection measures.
    - o Provide justifications of your choice.
    - o Compare their respective Costing and effectiveness

- Useful Tools to harden the Windows Servers Security
  Briefly describe at least THREE common security tools for windows servers.
  Zoom in to one of the above and try to install it for a trial run.
    - o Provide justifications of your choice.
    - o Write a brief review of the tools after the trial run.

You need to provide strong references to support your findings and conclusions.

5.0   MARKING SCHEME

Case Study Report

Structure and Completeness • Report Layout • Fulfilment of the required content	30%
Readability and Quality • Content Clarity • Fact finding • Critical Thinking • Insightful presentation • Use Diagrams, Pictures, Tables effectively	50%
Reference • Extensiveness • Appropriateness • Appearance and format	20%

Total: 100%

~ The End ~