

**Computer Security - Assignment 2**

**Countermeasure Recommendations Presentation**

Contents

[Details 1](#_Toc412105221)

[Background 1](#_Toc412105222)

[Task 1](#_Toc412105223)

[Additional Task Information 2](#_Toc412105224)

[Assignment Submission 2](#_Toc412105225)

[Presentation Requirements 2](#_Toc412105226)

[Marking Key 2](#_Toc412105227)

[Late submission 3](#_Toc412105228)

# Details

Title: Security Issue Mitigation

Value: 25% of the final mark for the unit

Length: **Maximum** of 30 Microsoft PowerPoint slides

# Background

The Board of Directors at *Blue Ink* were astonished at the quantity and significance of the security issues you identified in the identification report (assignment 1). As a result the Board of Directors has decided to re-hire you to propose mitigation strategies for the security issues in the Virtual Machine image supplied to you. Rather than writing up a report however, they would prefer to visualise the existing threats and potential solutions.

# Task

Utilising the above background information and your findings from the analysis report (assignment 1) you are required to propose a range of mitigation strategies for the computer security issues identified. The Managing Director has asked that you address the following in your presentation:

1. For each issue you identified in the initial (assignment 1) report. What is the security strategy you would recommend to mitigate and control the issue?
2. Explain how the mitigation strategy will be effective in controlling the issue.

# Additional Task Information

* Your presentation will not be formally presented; you are only developing the slides.
* You may include images or screenshots to emphasise specific points in your presentation. Any images/screenshots which are not created by you, must be referenced.
* Avoid filling each slide with sentences/paragraphs of text.
* When recommending a solution, name specific products/versions/configurations and justify your recommendation. This may require research and analysis of existing literature.

# Assignment Submission

**The submission must be a single Microsoft PowerPoint file submitted via BlackBoard.** You do not need an ECU assignment cover sheet.

# Presentation Requirements

|  |  |
| --- | --- |
| **Must be submitted as a Microsoft PowerPoint document and contain** | **Title slide**  Unit code and title, assignment title, your name, student number, campus, and tutor’s name. |
| **Introduction slide**  A brief overview of your presentation and what you will be presenting. |
| **Mitigation strategies**  This section will contain your slides detailing your solutions to address the identified issues. Each strategy must be appropriately referenced. |
| **Reference List**  A list of end-text references used in the assignment and formatted according to the ECU requirements. |

# Marking Key

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Criteria** | Level of Achievement | | | | |
| Not met | Attempt made | Good attempt | Almost perfect | Perfect |
| Professionally formatted and structured presentation? | 0 | 0.25 | 0.5 | 0.75 | 1 |
| Comprehensive range of appropriate security mitigation strategies applicable to the case study? | 0 | 2 | 4 | 6 | 8 |
| Justified security solutions applicable to the case study? | 0 | 2 | 4 | 6 | 8 |
| Evidence of research and analysis? | 0 | 1 | 2 | 3 | 4 |
| Inclusion of appropriate references to support security mitigation strategies? | 0 | 0.5 | 1 | 1.5 | 2 |
| References formatted according to ECU requirements? | 0 | 0.5 | 1 | 1.5 | 2 |

# Late submission

If you submit your assignment after the due date, then you will be penalised in accordance with the standard ECU regulations of 5% of the maximum mark, for every work day that your assignment is late. If your assignment is submitted more than 5 days late, then you will be awarded a mark of 0 for the assignment.