

Student Name: Gareth Bryant

Engagement with Literature Skills	5	7
Knowledge and Understanding Skills	10	13
Cognitive and Intellectual Skills	22	25
Practical Application Skills	31	40
Transferable Skills for Life and Professional Practice	13	15
Round-up Mark	81	100

Engagement with Literature Skills

To achieve a high mark in this section, you must demonstrate a comprehensive and diverse engagement with literature, a clear understanding of Blue Team operations based on real-world examples, case studies, critical appraisals of the literature, and consistent referencing throughout the report (Part 2) and for your Proposed Mitigations (Part 3). The assessment encourages you to demonstrate how current cybersecurity practices and research can be applied to your proposed network mitigations.

- + The report provides a strong foundation of cited sources as well as references to specific vulnerabilities and case studies
- + However, the integration of literature into the argument could be more cohesive
- + More critical analysis of the sources required. Could have referred to more academic credible literatures
- + In-text citations done

Knowledge and Understanding Skills

To achieve high marks in this section, you must demonstrate a comprehensive understanding of both advancements and challenges in Blue Team operations. The discussions include real-world examples, critical analysis of current methodologies, tools, and strategies, highlighting both their effectiveness and limitations. Note that your Part 1, CBT marks are added here as well.

- + Comprehensive knowledge of Blue Team operations, tools documented.
- + Concepts like AI/ML and cross-domain attack strategies are well-covered.
- + The work highlights real-world challenges.
- + Synthesizing insights from tools and technologies into actionable strategies would enhance understanding.
- + Threat Detection and Hunting Tools requires more critical evaluation
- + CBT - Knowledge based 3/5

Cognitive and Intellectual Skills

You are expected to propose basic and advanced security measures that form the foundation of any secure network. These measures are essential for minimizing risks from common vulnerabilities and ensuring that user access and activities are properly monitored. The proposed measures must be benchmarked against industry standards to show an

Kindly note that all marks are subject to 2nd verification and exam board verification as outlined by the University's Quality Assurance procedures.

understanding of best practices in securing networks. You must also provide justifications for their choices and practical demonstrations during the demonstration. Note that your Part 1, CBT marks are added here as well.

- + CBT - Analysis: 13.8/15
- + Mitigation strategies, both basic and advanced, are selected and thoroughly justified.
- + Advanced mitigations demonstrate a clear understanding of their application and relevance.
- + Industry Standards and Best Practices considered

Practical Application Skills

To achieve high marks in this section, you must demonstrate practical skills in configuring, assessing, and securing a network environment. This involves setting up a working network, conducting a thorough vulnerability assessment, exploiting vulnerabilities, and implementing both basic and advanced mitigations. You are expected to demonstrate clearly showcasing a strong understanding of practical cybersecurity measures.

- + Network Setup is done. Video Snippets submitted
- + Reflections on information-gathering aspects are insightful.
- + Vulnerability assessment is conducted; however, incorporating automated VA tools could have enhanced the work's depth and value.
- + Exploitation analysis, further emphasis and practice on exploits, payloads, and their security enhancements could have strengthened the output.
- + A basic demonstration on mitigating anonymous FTP is effectively presented with thoughtful reflections.
- + Advanced demonstration on multicast DNS is well-executed and shows a strong conceptual understanding.

Transferable Skills for Life and Professional Practice

To achieve high marks in transferable skills, you must produce a well-structured report and present your demonstration with in-depth analysis of current methodologies, deliver a clear and reflective demonstration, and professional communication skills. You should showcase resource management, and fluency in technical aspects throughout the report and demonstration process.

- + Flow of the Report and Demonstration is Good.
- + Reflected well on Technical aspects. Could have made strong statements.
- + Very good understanding on the concepts.
- + Demo done well