**22334VIC – Certificate IV in Cyber Security**

**VU21992 – Develop a cyber security industry project**

**Assessment Task 3 –** **Project Testing & Project Closure**

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**Instructions**

This assessment must be completed in teams as approved by the Instructor.

This assessment is self-paced but recommended to be completed as detailed in the Unit Guide.

Plagiarism is not tolerated. You must acknowledge sources of information you use in your writing. You must reference whenever you quote, paraphrase or summarise someone else’s ideas (see [https://www.vu.edu.au/library/get-help/referencing/referencing-guides](about:blank) for further information).

You must include the following information on all items submitted for assessment:

* The names of your team members
* The Student IDs of your team members
* The date submitted
* 22334VIC – Certificate IV in Cyber Security
* VU21992 – Develop a Cyber Security industry project
* Assessment Task 3 – Project Testing & Project Closure

**Instructions for the Students**

Create a single document containing your responses to all of the tasks listed below. The information listed above (names, Student IDs, etc) should appear on a title page at the start of the document. You should submit your work as a single PDF file via VU Collaborate.

**Overview**

You must now prepare to hand over responsibility for the project to OZCazual operational staff and gracefully close the project. As part of this you should execute basic Red/Blue Teaming exercises as a training program for operational staff. You must also prepare and archive all required documentation, make your final report to the project sponsor, and obtain formal sign-off. How you plan to complete this task should be discussed and agreed upon with your team. Ensure that all tasks have been distributed equally, fairly and agreed on by all members.

**Task 3.1 Prepare Handover Documentation**

You must prepare handover documentation to support the operations of the project including:

* Start-up, shutdown, and regular maintenance procedures
* Backup procedures
* Training requirements for OzCazual staff.

**Task 3.2 Review Project Team Performance**

You must review the execution of the project and record:

* Performance of team members
* Recognition of individual’s achievements
* Execution of the project against project plans
* Archive project records and correspondence
* Document Project Management Lessons Learned through the management of the project.

**Task 3.3 Execute Red-Blue Testing**

You must develop a training Red-Blue testing exercise and execute it to train OzCazual staff in the operation of the new infrastructure.   
  
Use the Kali Linux instance, configured in assessment 2 to perform scans & attacks on the Windows Server 2019 & Amazon Linux 2 servers to evaluate the performance of the security measures implemented.  
  
This exercise should test responses to at least the below 3 distinct cybersecurity incident types:

* Denial of Service attack
* Brute force Attack (SSH)
* Virus/Malware Protection   
  (Testing malware can be downloaded from here: [https://www.eicar.org/?page\_id=3950](about:blank))

**Task 3.4 Obtain Sign-Off & Close Project**

You must create a presentation to the project sponsor outlining:

* Delivery of project goals
* Feedback to the system designer regarding modifications to the original design
* Results of Red/Blue exercises
* Remaining exposure to cybersecurity incidents and their potential impact on business operations.

You must also prepare a formal sign-off document for the project sponsor to complete.