

061206T4CYB

CYBER SECURITY TECHNICIAN LEVEL 6

SEC/OS/CS/CR/06/6/A

CONDUCT SECURITY ASSESSMENT AND TESTING

Nov/ Dec. 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT GUIDE

INSTRUCTIONS TO THE ASSESSOR

1. *Assess the candidate as the practical progresses observing the critical areas*
2. *You are required to mark the practical as the candidate perform the tasks*
3. *You are required to take the video clips at critical points*
4. *Ensure the candidate has a name tag and registration code at the back and front*

This paper consists of THREE (3) printed pages.

***Assessor should check the tool to ascertain that all the pages are
printed as indicated and that no questions are missing***

OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency	CONDUCT SECURITY ASSESSMENT AND TESTING		
Venue of Assessment			
Date of assessment			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
TASK 1			
i. Setting up Kali linux (virtual or sandbox) (award 2 or 0)	2		
ii. update Kali Linux (Award 1 or 0)	1		
iii. Downloaded and installed a Reconnaissance tool (award 2 or 0)	2		
iv. Scanned the network for open port(s) (award 1 or 0)	1		
v. Gathered information of targeted IP address (award 1 or 0)	1		
vi. downloaded and installed scanning tool (Downloading 1 mark, Installing 1 mark)	2		
vii. Conducted a scan on targeted IP address (award 1 or 0)	1		
viii. Established vulnerabilities (award 1 or 0)	1		
ix. Downloaded and installed exploitation tool (award 2 or 0)	2		
x. Attempted to exploit the vulnerability(s) (award 2 or 0)	2		
xi. Reviewed the scan results and identified	2		

vulnerabilities (award 2 or 0)				
xii.	Verified if the exploits were successful and assessed the impact (award 1 or 0)	1		
xiii.	Re-scanned the system after applying the remedies (award 2 or 0)	2		
GRAND TOTAL		20		
Percentage = $\frac{x}{20} \times 100$				
ASSESSMENT OUTCOMES				
The candidate was found to be: (Please tick (✓) as appropriate)				
Competent ☐		Not yet competent ☐		
<i>(The candidate is competent if s/he gets 50% of the marks)</i>				
Feedback from candidate:				
Feedback to candidate:				
Candidate's signature:		Date:		
Assessor's signature:		Date:		

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