

061206T4CYB

CYBER SECURITY TECHNICIAN LEVEL 6

SEC/OS/CS/CR/04/6/A

BUILD SECURE NETWORK

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			
Venue of Assessment			
Date of assessment			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
TASK 1			
i. Established internet connectivity. (award 1 mark or 0)	1		
ii. Initiated and run penetration testing operating system. (award 1 mark or 0)	1		
iii. Download wireshak	1		
iv. Identified and established connection with the target network server. (award 1 mark or 0)	1		
v. Installed and setup Wireshark. (award 1 mark or 0)	1		
vi. Captured Traffic on a Telnet Session with Wireshark. (award 1 mark or 0)	1		
vii. Analyzed traffic on a Telnet Session with Wireshark. (award 1 mark or 0)	1		
viii. Captured Traffic SSH Session with Wireshark. (award 1 mark or 0)	1		
ix. Analyzed Traffic SSH Session with Wireshark. (award 1 mark or 0)	1		
x. Prepared a report			
• Difference between Telnet and SSH	2		
• Two reasons Why SSH is considered more secure than Telnet	2		
• Two Risks posed by using Telnet rather than SSH	2		
GRAND TOTAL	15		

Percentage = $\frac{X}{15} \times 100$				
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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