

061206T4CYB

CYBER SECURITY TECHNICIAN LEVEL 6

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

BUILD SECURE NETWORK

Nov/Dec 2024



**TVET CURRICULUM DEVELOPMENT
COUNCIL**

**ASSESSMENT AND CERTIFICATION
C)**

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 network server. (award 1 mark or 0)	1		
v. Installed and setup Wireshark. (awar	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:			
Assessor's signature:	Date:		

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