

061205T4CYB

CYBER SECURITY LEVEL 5

SEC/OS/CS/CR/07/5/A

Conduct Cyber Security Assessment And Testing

Nov / Dec 2024



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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: Identify the IP Address of Your Network			
Identified the IP address of the Network <i>i. Correctly opened Kali Linux terminal - (award 2 marks or 0)</i> <i>ii. Correctly run the correct command to check the network interface and find the IP address - (award 3 marks or 0)</i> <i>iii. Correctly displayed the IP address, the subnet mask and the network range - (award 5 marks or 0)</i>	10		

Sub-Total 1	10		
Task 2: Scan the entire Network for Live Hosts			
<p>Scanned the entire Network for Live Hosts and provided the scan report.</p> <p>i. Correctly used the IP address identified in Task 1 above using the format x.x.x.x/24 - (award 3 marks or 0)</p> <p>ii. Run the correct Nmap command to scan the entire network with the 256 hosts - (award 5 marks or 0)</p> <p>iii. Displayed all the Live hosts in the entire network - (award 4 marks or 0)</p> <p>iv. Displayed all the IP addresses for all the live Hosts in the entire network - (award 4 marks or 0)</p> <p>v. Displayed all the MAC addresses of all the live IP addresses in the entire network (if available) - (award 5 marks or 0)</p> <p>vi. Displayed the total number of Hosts scanned - (award 4 marks or 0)</p>	25		
Sub-Total 2	25		
Task 3: Check for Open and Closed Ports on Live Hosts			
<p>Checked for Open and Closed Ports on Live Hosts</p> <p>i. Correctly used the correct Nmap command to scan all the open and closed port on the Live Hosts identified in the previous task for all 65527 ports - (award 8 marks or 0)</p> <p>ii. Correctly noted the state of the ports (open, closed, filtered) and the services running on open ports -(award 7 marks or 0)</p>	15		
Sub-Total 3	15		
GRAND TOTAL	50		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

Not yet Competent

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature

Date:

Assessor's Signature

Date
