

061206T4CYB

A CYBER SECURITY TECHNICIAN LEVEL 6

SEC/OS/CS/CR/07/6/A

SECURE DATABASE

Nov. / Dec. 2023



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

PRACTICAL ASSESMENT OBSERVATION CHECKLIST

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Allocate the candidate **10 minutes** to carefully read through the instructions and to collect the tools/resources required for the tasks.
4. Allocate the candidate **3 Hours** to perform **2** practical tasks.
5. The candidate should write his/her name, registration code, date and sign in the practical assessment attendance register.
6. Ensure the candidate has a name tag and registration code at the back and front.

OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency	Secure Database		
Venue of Assessment			
Date of assessment			
<i>(Award mark(s) appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks Available	Marks Obtained	Comments
Task 1: Database vulnerability assessment			
1. Opened SQL Server Management Studio. <i>(Award 1mark)</i>	1		
2. Connected to an instance of the SQL Server Database Engine or local host <i>(Award 3mark)</i>	3		
3. Used the vulnerability assessment feature to scan the master database for vulnerabilities <i>(Award 5marks)</i>	5		
4. Saved the scans	2		
5. Analyzed the report by identifying the following; <i>The number of security checks. (1mark)</i> <i>The number of security checks that passed. (1mark)</i> <i>The number of failed security checks, their respective severities and a justification of failure (5marks).</i>	7		
6. Used the actionable remediation information provided by the report to resolve the issues failed. <i>(Award 7marks).</i>	7		
TOTAL	25		