

061205T4CYB

CYBER SECURITY LEVEL 5

SEC/OS/CS/CR/03/6/A

Perform Computer Networking

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You have been provided with the following resources for the practical tasks:
 - i. *A computer installed with a packet tracer*

Task 1:

Design a network in CISCO packet tracer to connect **ACCOUNTS** and **DELIVERY** departments through the following:

Each department should contain at least two PCs

- a) Appropriate number routers and switches should be used in the network.
- b) Using given network address **192.168.40.0/24** all interfaces should be configured with appropriate **IP address, sub net mask** and **gateways**.
- c) All devices in the network should be connected using appropriate cables.
- d) Test the connectivity between ACCOUNTS and DELIVERY department –PCs in the delivery should be able to ping the PCs in the ACCOUNTS department.

Task 2:

Configure the router with the following

- a) Configure terminal
- b) Hostname name
- c) Enable secret password
- d) No Ip domain-lookup
- e) Set the password for console and vty login