

TNE20002/TNE70003 - Network Routing Principles

Portfolio Task – Troubleshooting Test Graded Task

Introduction

This task takes the form of a Packet Tracer and Canvas based test taken in your scheduled lab session during Week **12** of semester. The exam will be graded to **Credit, Distinction, or High Distinction** Level based on your result in the test.

Purpose

This task assesses your practical understanding of debugging an existing network configuration to locate and address errors in the network. The test will consist of a PacketTracer file containing the broken network configuration. You will be responsible for examining the PacketTracer file, then identifying and fixing any errors.

Assessment

The test is run as a PacketTracer and Canvas-based test during your timetabled **Laboratory Class** in Week **12** of Semester. Upon submission, this test will be scored within Canvas, and a Portfolio grade assigned as per the table below.

You will be allocated 80 minutes to undertake this assessment.

You submit your work via the **Canvas Troubleshooting Test**. In the test you will be required to identify each error, summarise what needs to be done to fix the error, and nominate whether or not you fixed the error in your PacketTracer file. The submitted test will contain your solutions, along with the final PacketTracer file.

Available grades for this task are:

Canvas Test Mark	Portfolio Grade	Outcome
< 60%	N	The maximum Portfolio grade you can achieve is a Pass
>=60% and < 80%	C	The maximum Portfolio grade you can achieve is a Credit
>=80% and < 90%	D	The maximum Portfolio grade you can achieve is a Distinction
>= 90%	HD	All Portfolio grades are possible



What Happens if I Fail

Failure in this task will **not** automatically result in **failing** the Unit. If you fail the **Troubleshooting Test**, the maximum base mark you can achieve in your Portfolio is a **Pass**