

ISEC 2077 Security Auditing

Assignment 1 – Router Export Netflow Configuration (In-Class) (First Small Assignment)

Issued Date: September 9, 2025

Due date: September 16, 2025 (In-class demonstration)

Preamble

Objective: The purpose of this assignment is to demonstrate the method of configuring a router to export Flexible netflow. Note that this is a team assignment and may be done with one other partner.

Requirements

Step 1: Obtain a console cable from your instructor.

Step 2: Install a terminal program of your choice on your configuration machine (personal laptop or classroom desktop).

Step 3: Connect the cable from your configuration machine to the console port on the router. Start your terminal program and access the router. Turn on the router

Step 4: Follow the instructions in the file “Flexible Netflow Configuration’ available in your course shell under the /Content/Readings and References section, pages 32 -41 to configure netflow for export to another lab computer or your laptop.

You must:

- Configure a Monitor
- Configure an Exporter
- Apply a Monitor to an Interface

Step 5: Show your configuration to you instructor to receive credit for this assignment.

Rubric

This assignment is worth 10% of your final mark and will be evaluated based on in-class demonstration to your instructor.