



PRIFYSGOL CYMRU
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UNIVERSITY OF WALES
Trinity Saint David
SWANSEA - ABERTAWE

Applied Computing

Wales Institute of Science and Art (WISA)

Advanced Cybersecurity (ACCB6000)

Lab 3: Information is Wealth – Collect your wealth

Always know:

What? Why? And When?

Cisco | **Networking Academy**[®]
| **Mind Wide Open**[™]

What we do?

1. Set up your Team
2. Collect Information
3. Share Information
4. Enhance Protection

Complete the lab in two parts and submit each part of this document (save it with your Student_id & Name) via Moodle before the time specified

Description ¹

Malware, or malicious software, refers to a variety of malicious software programs that can be used to cause harm to computer systems, steal data, and bypass security measures. Malware can also attack critical infrastructure, disable emergency services, cause assembly lines to make defective products, disable electric generators, and disrupt transportation services. Security experts estimate that more than one million new malware threats are released each day. McAfee Labs Threats Report 2019 indicates the discovery of new ransomware techniques, the exposing of billions of accounts through high profile data dumps, significant HTTP web exploitation, defects in Windows, Microsoft Office, and Apple iOS, and continued attacks on IoT personal devices. Find the most current version of the report by doing a web search for McAfee Labs Threats Report.

Note: You can use the web browser in virtual machine installed in a previous lab to research security related issues. By using the virtual machine, you may prevent malware from being installed on your computer.

Takeaway: Maintain a document to record each and every problems/ challenges you face during any of your labs and try to record the steps you have taken to solve the problems. It may be or may not be successful. Also, when you are in the way of finding a solution to an existing problem (for instance, from the previous lab, your virtual machine was not starting and you followed many options to make the machine work like, on or off windows features, enabling/ disabling BIOS options, enabling/ disabling firewalls etc.), you may come across solutions for other problems you have already faced or you could be facing in future. So, record all the steps and include a screenshot and maintain a reference style. Note that, this highlighted method will be very useful for you in future and in academic perspective it will help in completing your assessment component.

What you need?

- Host computer with a minimum of 8 GB of RAM and 40GB of free disk space
- Internet access

¹ Cyberops Associate – Cisco Networking academy

Task 1: Teamwork actually works!!!**Create your own Team**

Discuss with your classmates over the current Teams meeting/ chat and form a group of minimum 3 and maximum 5.

Record your team here

Team Name			
	Member Name	Student ID	Uni Email
1			
2			
3			
4			
5			

Please mention N/A in empty columns

Record other teams here

Discuss with your classmates over the current Teams meeting/ chat and record all the other teams here and share your team details to others.

Other Team Name			
	Member Name	Student ID	Uni Email
1			
2			
3			
4			
5			

Please add tables in the same format as required columns

Note: This is an important part of this lab to establish communication with other SOC's. So, do it well. The above task should be done with in the teams session and needs to be updated in moodle submissions.

Submit this document after completing the forms via Moodle between 4.00 PM and 4.15 PM during the tutorials and ask your lecturer to create a separate breakout rooms for your team. You should be present in our breakout rooms with your team members before 4.20 PM. After joining the breakout rooms, your team will be shared with your activity for Task 2

End of Part 1...