

General Background survey questions

1. Which degree are you currently pursuing? [select one]
 - a. Undergraduate
 - b. Graduate
 - c. Certificate Programs
 - d. Other
2. What is your current area(s) of study? [select multiple]
 - a. Architecture and Engineering
 - b. Arts, culture, and entertainment
 - c. Business, management, and administration
 - d. Communications
 - e. Community and social services
 - f. Education
 - g. Science and technology
 - h. Installation, repair, and maintenance
 - i. Farming, fishing, and forestry
 - j. Health and medicine
 - k. Law
 - l. I am not in school at the moment.
 - m. Other
3. Have you taken courses in any of the following [subjects](#)? [select multiple]
 - a. Cybersecurity
 - b. Computer Science
 - c. Information Technology
 - d. None of these
4. Have you been employed in any of the following areas? [select multiple]
 - a. Cybersecurity
 - b. Computer Science
 - c. Information Technology
 - d. None of these

5. Do you take an interest in cybersecurity, computer science, or information technology?
[select multiple]
- a. Cybersecurity
 - b. Computer Science
 - c. Information Technology
 - d. I do not take interest in any of these areas.
6. Which of the following media outlets have you visited during the last week? [select multiple]
- a. Threatpost
 - b. Dark Reading
 - c. Wired
 - d. PC World
 - e. CNET
 - f. CIO
 - g. None of these
7. Which ad-blocker do you use? [select one]
- a. I don't use any adblocker
 - b. Ghostery
 - c. Ad-blocker
8. Which Password Manager do you use? [select one]
- a. I don't have a password manager
 - b. Lastpass
 - c. Nordpass
 - d. 1password
 - e. Other
9. How important is backup security to you? [select one]
- a. Very important
 - b. Somewhat important
 - c. Somewhat unimportant
 - d. Not important at all
 - e. I don't know what backup security is

10. Which operating system is your main operating system? [select one]

- a. I don't know what backup security is
- b. Unix-based OS (Ubuntu, Fedora, Redhat, etc)
- c. MacOS
- d. Other

11. Give a score to your current cybersecurity skills [select one]

- a. 1 – Zero Experience
- b. 2
- c. 3
- d. 4
- e. 5 – Cybersecurity Maestro

Technical Background questions

1. Which of the following programming languages are you familiar with? (More than a year of experience) [select multiple]

- a. Java
- b. Javascript C/C++
- c. C#
- d. Python
- e. HTML
- f. PHP
- g. Perl
- h. Ruby
- i. SQL
- j. Assembly
- k. None of these

2. What programming language is the most susceptible to buffer overflow attacks? [select one]

- a. Java
- b. Python

- c. C/C++
 - d. I don't know
3. Which of the following cyber-attacks are you familiar with? [select multiple]
- a. Man-in-the-middle (MitM)
 - b. Phishing
 - c. SQL injection
 - d. Cross-site-scripting (XSS)
 - e. Ransomware
 - f. Denial-of-service (DoS)/Distributed Denial-of-Service (DDoS)
 - g. CSRF
 - h. None of these
4. SQL injection can happen because _____ has [vulnerabilities](#). [select one]
- a. Database Server
 - b. Browser
 - c. Web Application
 - d. I don't know
5. Cross site scripting is a _____ attack. [select one]
- a. Server side
 - b. Client side
 - c. Database
 - d. I don't know
6. ASLR is a defense mechanism against [select one]
- a. Cross site scripting (XSS)
 - b. Buffer Overflow
 - c. Distributed Denial of Service (DDoS)
 - d. I don't know
7. When was the last time you used SSH to connect to a remote server? [select one]
- a. Within the last week
 - b. Within the last month
 - c. Within the last 6 months
 - d. Within the last year

- e. I have never used SSH
8. Consider the following command where the user is connecting to a remote server: `ssh user1-remotehost -p 12345`. Is something wrong with the syntax used? [select one]
- a. Yes, the first argument should be `scp` instead of `ssh`
 - b. Yes, the separation between between the `@` character instead of the `-` character
 - c. Yes, you cannot specify the port with this sort of connection
 - d. No, there is nothing wrong with the syntax in this command
 - e. I don't know SSH

Knowledge, Experience, and Preferences questions

1. Ransomware does which of the following? [select one]
 - a. Gives attackers remote control of the victim's machine
 - b. Is used for task automation in DDoS attacks
 - c. Blocks the victims' access to their data usually via unauthorized encryption until a ransom has been paid
 - d. Tracks the victim's web browsing activities to generate adverts usually within the victim's browser
2. Have you been a victim of a ransomware attack and if so, did you pay the ransom? [select one]
 - a. Yes I have been a victim and paid the ransom
 - b. Yes I have been a victim but did not pay the ransom
 - c. No I have not been a victim of ransomware
 - d. I don't know if I have been a victim of ransomware
3. If you answered yes to the last question and did not pay the ransom, what was your reasoning for not paying the ransom? [select one]
 - a. The ransom was not worth the data recovery
 - b. I secured the data through a backup beforehand
 - c. An outside source had access to the data and was able to recover it for me
 - d. I have never been a victim of a ransomware attack

4. How important do you think it is on a scale of 1-5 to implement ransomware protection on your personal electronic devices (PC, smartphone, tablet)? [select one]
 - a. 1 – Not Important
 - b. 2
 - c. 3
 - d. 4
 - e. 5 – Very Important
5. How likely do you think it is that you will be targeted by a ransomware attack in the near future? [select one]
 - a. Very likely
 - b. Somewhat likely
 - c. Somewhat unlikely
 - d. Very unlikely
 - e. I don't know
6. If your critical data (e.g., code, documents, projects, personal photos and videos) is encrypted by ransomware and you don't have a backup, are you willing to pay the ransom fee? [select one]
 - a. Definitely No
 - b. Yes, if the fee is less than \$1000
 - c. Yes, if the fee is less than \$500
 - d. Yes, if I can pay in multiple installments

Security Practices questions

1. Do you use antivirus security on your PC? If so, how long have you used it? [select one]
 - a. Yes, I have been using antivirus security less than 6 months
 - b. Yes, I have been using antivirus security for over 1 year
 - c. Yes, I have been using antivirus security for over 5 years
 - d. Yes, I have been using antivirus security for over 10 years
 - e. No, I don't use antivirus security

2. Do you currently have ransomware protection installed on your personal electronic devices (PC, smartphone, [tablet](#))? [select one]
 - a. Yes
 - b. No and I don't plan to
 - c. No but I plan to
 - d. I don't know
3. Do you use any sort of backup service on your PC? (e.g. Google Drive, iCloud, Acronis True Image) If so, for how long? [select one]
 - a. Yes, I have been using backup services for over 1 month
 - b. Yes, I have been using backup services for over 6 months
 - c. Yes, I have been using backup services for over 1 year
 - d. Yes, I have been using backup services for over 5 years
 - e. Yes, I have been using backup services for over 10 years
 - f. No, I don't use any backup services
4. What tier of backup security service do you use? [select one]
 - a. I use the free version of the service
 - b. I use the paid version of the service and receive less than 50 GB in storage
 - c. I use the paid version of the service and receive 50-100 GB in storage
 - d. I use the paid version of the service and receive 100-250 GB in storage
 - e. I use the paid version of the service and receive 250-500 GB in storage
 - f. I use the paid version of the service and receive 500-1000 GB in storage
 - g. I use the paid version of the service and receive over 1 TB in storage
 - h. I don't use any backup security services
5. Which of the following backup services have you used? [select multiple]
 - a. Acronis True Image
 - b. Paragon Backup and Recovery
 - c. NovaBackup
 - d. EaseUS ToDo Backup
 - e. Malwarebytes Secure Backup
 - f. Heilig Defense RansomOff
 - g. Google One

- h. Microsoft OneDrive
 - i. Dropbox
 - j. iCloud
 - k. None of these
6. What is your opinion of automated backups vs. manual backups? [select one]
- a. I would prefer to only use automated backups
 - b. I would prefer to only use manual backups
 - c. I would prefer to use both manual and automated backups
 - d. I have no interest in using backup security
7. What is your preferred backup method? [select one]
- a. I don't use backup security
 - b. Full
 - c. Incremental
 - d. Differential
 - e. Individual files or folders
 - f. I don't know what they are
 - g. Other
8. Would you prefer backup security services offered by your device provider (i.e. Apple, Google, Android, Windows, etc...) or third-party services that design backup security software to be compatible with these devices? [select one]
- a. I prefer backup security software offered through first party services
 - b. I prefer backup security software offered through third party services
 - c. I don't prefer one over the other. I only care about software performance.

Data Protection

1. How much is your data worth in dollars? Give an estimate. [Free text]
2. How much are you willing to pay for a service to have a guaranteed full data protection plan for your entire data per month? [Free text]
3. A reputable data protection company offers a guaranteed full data protection for 200\$ per year. You don't need to pay the subscription now. You pay the subscription fee after a year

(12 month) or after the first time you use the service to recover your data within the 12 month plan, whichever comes first. Would you enroll to such subscription plan for 200\$ per year? Please Explain your response. [Free text]

4. What you think the term Social Engineering mean? [Free text]
5. Have you taken any cybersecurity training workshops offered by any institution before (if yes please specify)? [Free text]
6. Shortly describe what you expect to learn after taking this course? [Free text]