Week 5 Lab: Hands-on Updates and Device Security

Find your instructions in the file:

W05 Hands-on Device Updates Instructions.docx

Fill out this worksheet as you complete the lab, then save it, and upload it to I-Learn Canvas as instructed. You may earn up to 60 points for this lab.

Task 1: Check and update devices’ operating systems.

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| What is your laptop or desktop computer’s operating system (OS) and version? Also, if you have a mobile device such as a smartphone or tablet, what is its OS and version? (2pts) | My laptop is a PC running Microsoft Windows. It is a Windows 10 S(2017)  I have an iPhone 6. It has a version of 12.4.9 |
| Did you find any available OS updates? If so, what are the software version names or numbers for the updated software? (1pt) | Yes I saw an update to 14.2 |
| What are the procedures for applying OS updates to your computer and other devices? (2pts) | In the start menu click ‘Control pane’  Click ‘windows update’  Click install options  In the left panel click change settings  Under important updates select the give me recommended updates the same way I receive important updates check box and then click Ok.  For my iphone I go to settings  Click general  I click software update  I click update and I allow it to update |

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| If the OS on your computer or device was out of date, did you successfully update or upgrade? How long did it take? Explain. (2pts) | I usually update it  On both my devices it takes 5 minutes  Sometimes my pc stays overnight to update. |

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Task 2: Check for updates of your web browsers, apps, and other software packages.

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| What web browsers are installed on your computer? (1pt) | Microsoft edge is the browser that were installed in my system.  I installed google chrome. |
| What browser extensions, add-ons, plug-ins, or extra features have been installed in your web browsers? Were these extra browser features installed by someone else, or did you install them yourself? (3pts) | I have google translate, Grammarly for chrome, Adobe Acrobat, Canvas quiz loader, google docs offline, sheets, docs, survey junkie pulse. auto copy. I recently installed LastPass. |
| Check your web browsers, extensions, etc. for updates. Are they up to date, or are there newer versions available? If you find updates available, do they fix any security vulnerabilities? (3pts) | They are all up to date. Most of the times I click on my google chrome  I click on the 3 dots on the top left  I click on tools  I click on extensions  Then I click on details  Then If the update is available, I click on update |

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| Did you successfully update your web browsers? Explain. (2pts) | Yes, I did.  For chrome I clicked on the menu icon in the top right corner  I clicked on help  It began to update automatically  I clicked on the relaunch button |
| Did you successfully update the extensions, add-ons, plug-ins, etc. in your web browsers? Explain. (2pts) | Yes I did |

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| What additional software applications, apps, etc. are installed on your computer? (List at least three.) Did someone else install them on your computer, or did you install them yourself? (3pts) | Google chrome  Microsoft edge  Microsoft office.  Microsoft store  Most of the applications in my computers were not installed by me.  I only installed zoom. |

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| Look for updated versions of the extra installed software you listed above. Are there any bug fixes, security patches, or new features provided by available updates? (3pts) | All my software’s are up to date. I constantly keep them up to date and my system helps to remind me of it. |

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| What are the procedures for updating the extra installed software you listed above? Did you successfully update your apps or extra software? Explain. (3pts) | For zoom I clicked on the top right on the home screen  I clicked check for updates\  I allow it to download and check for updates.  If there is any available update I click on update. |

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Task 3: Check your computer’s anti-malware and other security software and features.

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| What antivirus or threat protection software is installed? (If none was installed, what threat protection package did you select and install?) (4pts) | I have both MacAfee LiveSafe. It cost me $60 a year. |
| What are the procedures for keeping your antivirus/threat protection software up-to-date? Did you successfully update it? Explain. (4pt) | I open the MacAfee application on my system.  Click on pc security  I click on update MacAfee app then click check for updates  Then o waited for the update to complete. |

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| What other security software or features (such as host-based firewall, content filtering software, device health monitoring, etc.) are available on your computer? (4pts) |  |
| Did you find and successfully correct any problems with your computer’s security settings or features? Explain. (2pt) |  |

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Task 4: Examine the security of your devices’ network connections.

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| Does your computer or mobile device have a wired network connection method? If so, what type of technology and network cable does it use?  Does your computer have wireless network connection methods? If so, what type of technology does it use? (2pts) |  |
| If your computer has Ethernet or similar wired technology: how many places are there at your home, work, church, etc. where you are permitted to plug in your computer and use the Internet?  If your computer has WiFi wireless technology: how many places are there at your home, work, church, etc. where you are permitted to connect to a wireless access point? What SSIDs do you connect to, and what are the encryption settings for each of those SSIDs? (4 pts) |  |

Task 5: Investigate other threat protection options.

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| Choose and answer any of the following:  What physical security features have you enabled on your computer and devices?  What other update options and threat protection options have you installed and enabled on your mobile devices?  What financial plans have you made in your personal or family budget, to provide money for future repairs, replacement, and updates to your computer and devices?  (5pts) |  |

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| Share an inspiration or enlightenment that came to your mind while you worked through this lab exercise. (8pts) |  |