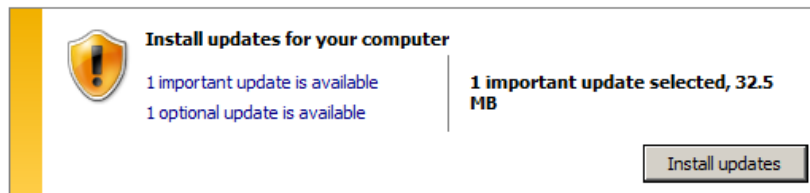


## CIS131 Homework – Topics from Chapter 7

**All questions in this assignment must be done at the server**

1. Assume you want to allow the server to receive security updates but you don't want any new feature updates to be received. What setting would you configure? Include a screenshot of the setting.
2. Are there any updates available for your server? If so, you should install them; do so at your convenience. Include a screenshot of that confirms your answer.
3. On Windows 10, what is the maximum number of days that you can defer feature updates? Include a screenshot which shows where you would configure this setting.
4. Check for Updates on the Windows 10 client.
  - a. Did you encounter an error? If so, please explain why you think this error occurred. (Do not fix the error!)
  - b. Include a screenshot of the windows update screen within your Windows 10 client.
5. Assume you are having problems with a sound card on Windows 7 and you believe it's the driver. When viewing Windows Update on that computer you see a screen like the one displayed below. It reads: 1 important update is available and 1 optional update is available. If there is an update available for this driver through Windows updates will you find it in the Important Update list or the Optional Update list? Explain your answer.



6. Use the driverquery command to get a verbose list of all drivers on your server. Store the command's output in a file named drivers2012. The output must be stored in CSV format.
  - a. Provide the exact command used to complete this task.  
Send a copy of this file (drivers2016.csv) as an email attachment when submitting this assignment.
7. Open the file created in the previous question with the OpenOffice Calc program. Save the file as an Open office calc file (ODS).
  - a. Explain why this format, versus straight text, might be more useful.  
Send a copy of this file (drivers2016.ods) as an email attachment when submitting this assignment.
8. When Windows 2016 is installed, an extensive repository of device drivers is included. What is the absolute path to the repository folder(s)?
9. Explain what it means if a device driver is digitally signed by Microsoft.

10. Use device manager to view the first network adapter device and answer the following questions. Your answers must be confirmed with a **screenshot** of the screen from which you obtained your answer:
  - a. Who is the manufacturer of the device?
  - b. Who is the driver provider?
  - c. Is the driver signed and if so by who?
  - d. What is the name and absolute path to the driver files?
11. Assume you're having a problem with a device on your system so you download and install a newer driver. Upon completion of installing the newer driver you realize that this driver is causing more problems than the previous driver. What should you do?
  - a. Explain, in detail, the quickest way to resolve the problem.
12. Assume you're having sporadic problems on the system and although device manager reflects no errors for your sound card, you suspect that it's the driver for your sound card that is causing the problems. Explain what you might do first to help determine if the sound card is in fact the problem? (Your answer should **not** involve updating drivers or swapping out the physical card.)
13. Disable the DVD/CD Device. How is it depicted in device manager when disabled? Provide a screenshot which confirms it's been disabled.
14. Uninstall the DVD/CD Device. Provide a screenshot which confirms the device was uninstalled.
15. From within Device Manager, re-add the DVD/CD Device. Explain *exactly* how you did this.
16. Explain what it means if you see a yellow exclamation point near a device and what you would do to try to clear the exclamation point.
17. Use the System Information utility to view the screen which displays the devices that are either sharing resources or are in conflict. Provide a screenshot of this screen.
18. While in System Information, experiment with the "File / Save" and "File / Export" options. Explain what file types are created by each and when each of these files might be useful.

When submitting this assignment you should have 3 files: The word processing document in which you typed your answers and the following files: drivers2016.csv & drivers2016.ods. Please store all but the word processing document in a zipped file and send two attachments; the word processing document and the zipped file.