Teacher Notes for the Linux Test

The virtual machine SVGSCentOS is part of the quiz. It was created with VMware Workstation, and runs with VMware Player version 12. It should run with other versions as well. The VM is in a large (1.1 GB) zip file, so it takes time to download and unzip it. This can be done ahead of time, since the password the students need to start the quiz is in the quiz. The unzipped VM is about 3.3 GB

Passwords for teacher use (also included in the key)

User Password  
svgs Iwannahack! (starts with a capital “I”. This is the account the student begins with.)  
root Exterminate!  
clara CoalHillSchool  
doctor Gallifrey (has sudo rights)

The last question, 8, asks the student to determine if the VM needs any updates and what needs to be updated. The student is expected to use yum to answer this. As the VM gets older, the list of updates will get very large. It would be a good idea for the instructor to update the VM just before giving the quiz, and leave one or two apps out of date so that the answer isn’t huge.

The easiest way to update everything but one or two packages is to use this syntax:  
# yum update --exclude=PACKAGENAME

For example, this sequence of commands will work:

sudo yum updateinfo  
sudo yum update

Pick a couple of things from the list to be updated so we can exclude them. For example, I’ll pick Firefox and gawk.

Answer No when it asks you to update. Then use this, and answer yes.

sudo yum update --exclude=Firefox --exclude=gawk