Openstack Instructor Notes

* The grade scripts will only PASS if the item is an exact match, for example: CentOS 7 is not the same as CentOS7. However, users can go back and edit the instance name from CentOS7 to CentOS 7 and run the grade script again. This applies to all areas of the grade scripts.
* We made no attempt to hide or block user access to the setup or grade scripts (which are in the **/config** directory). We may change that a later date, especially if someone has a good way of doing this. By the way, this was my first time scripting so I welcome suggestions on ways to improve my scripts
* The Openstack server takes a couple minutes to be ready for use. For most users this is not an issue. But, you can always run the command **# openstack-status** from the Openstack Server command line to verify that the system is ready. The portion that always takes the longest is the Horizon service (openstack-dashboard), when the status changes from uncontactable to active, the system is ready for use
* Do not deploy the Server2012 instance using the create volume feature in Module 7. For this all-in-one OpenStack server deployment, using the Create New Volume feature added way too much time to the process and would consistently time out. So, I purposely limited the Cinder Volume service to slightly over 12GB, which is enough to create a CentOS 7 instance and an additional 1GB volume to attach to an instance
* We provided copies of the word documents and .pdf files so that you can modify them to suit your institution’s needs
* If you have a VMware ESXi environment, you should be able to deploy the OVF files to the ESXi environment
* I’m currently working on phase 2 of the project, which will include labs on deploying Openstack on CentOS7 and completing similar labs from the Openstack command-line. I have 8 of the labs in draft now, which includes deploying Openstack on CentOS 7 as the first lab.