**Lab 6**

Time allotted 2 hours.

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| Lab | What to submit | Score | Marks |
| 10.1.4 | Completed pka | Out of 80 | 20 |
| 10.3.4 | Completed pka | Out of 54 | 25 |
| 10.3.5 | Completed pdf only |  | 20 |
| 10.4.3 | Completed pka | Out of 142 | 35 |

Activity of this lab should be submitted as one zip file (pka and pdf files zipped as one). All submissions will only be accepted through Moodle dropbox created for this lab. You should also attach a word document (it can be this same document) to the zip file outlining what have you completed/learned in this lab (you can use the table above if you wish). Any late submission of the labs submitted within the same day will get a penalty of 20%. For every day after this an additional 10% penalty is applied for up to three days. Any labs submitted after 3 days will be awarded a mark of zero.

*Exception for this lab: Penalties will be waived as long as the lab is submitted on the same day on Moodle.*

10.1.4

In this task, I learned how to configure Initial Router Settings. The study could be subdivided into the following sub-tasks. First, we can verify the default router configuration, followed by configuring and verifying the initial setup of a router. This was a great learning experience.

10.3.4

This task deals with how to gain default router information and set interfaces within a router and its configuration. I learned how we can use various commands to display the current state of the router and verify it with the default address table provided.

10.3.5

This task focused on the documentation part. and improved my network analysis skills. I also got to know a brief idea of how documentation is done while dealing with network administration.

10.4.3

This was the most challenging task in today’s assignment. This task not only focused on the network documentation part but also gave a brief idea of performing device configurations in a router and switch. Verifying and troubleshooting issues in connectivity was also the challenging part of this assignment. Overall, this was a great learning experience.