Week 6 Project Worksheet

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|  | Points Possible | Points Awarded |
| 1. Enable the necessary interfaces on R3 | | |
| Diagram  Description automatically generated | 1 |  |
| 1. Plan and configure routing for your network. Consider using default routes where appropriate to save time. You will full credit for any working configuration. You will need to add routes to all 5 routers for a fully connected network (2 points per router). | | |
| Graphical user interface, text, application, email  Description automatically generated | 10 |  |
| 1. Configure ip dhcp pools for all networks. You can pattern your pools after the existing pool for Sales (show run on R2\_DHCP). Don’t forget the ip dhcp excluded addresses. You will need ip helper addresses on appropriate interfaces. | | |
| Graphical user interface, text, application  Description automatically generated | 3 |  |
| 1. Configure all switches with IP addresses and default gateways. From Sw3 ping the IP address of Sw1. | | |
| Graphical user interface, text, application, email  Description automatically generated | 2 |  |
| 1. Create DNS records on the DNS server (192.168.4.3) for the switches and routers. Create an alias record of www.ralph.com for the simulated internet (192.168.5.2). | | |
| Graphical user interface, table  Description automatically generated  Graphical user interface, table  Description automatically generated | 2 |  |
| 1. Open the web browser on PC0 and enter www.ralph.com in the address bar. | | |
| Replace this shape with a snip of PC0 showing successful access to the webpage www.ralph.com | 1 |  |
| 1. Configure the ip name server on all routers and switches. Open Sw2 and ping “www.ralph.com” | | |
| Replace this shape with a snip from Sw2 showing successful ping to www.ralph.com | 1 |  |
| Total Points | 20 |  |