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| 02.4.2021 |  | Status Report |
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| **Snapshot of Project or Task 12: Troubleshooting Basic Networking using PowerShell** | | |
| Activity | Percent Complete | Issues  Configuration, Testing, Validation, Troubleshooting |
| Testing Network using PowerShell | 100% | Test: I tried to ping the connection from SVR1 & DC1 to my client using the client name and it would not work. You must use the IP address in this case. |
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| **Status Summary:** Discuss how you addressed configuration, testing, validation and troubleshooting |
| The task was to use multiple PowerShell commands to test network connections between networked devices.  I used the ping command and test-connection commands between all devices using machine names not the IP addresses. The only time this did not work was if I tried to use the commands using the client (CLI1) computer name. It worked if I used the IP address for CLI1. The next thing I did was use the same test-connection -ComputerName DC1 but this time I added ‘-quiet’ at the end to reveal the results to be a ‘true’ or ‘false’ response. I then tested using a string of multiple device name in the command instead of separately to reveal the results. The next thing I tested was the ports activity on DC1. I also typed in a fake port and computer name just to see what the results would look like. This exercise was to familiarize myself with multiple commands and outputs to test network connections. These are all good troubleshoot tools to help solve potential network issues. |
| **Submitted By:**  Bo Irving |