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| 02.2.2021 |  | Status Report |
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| **Snapshot of Project or Task 11: Creating a DHCP scope to assign addresses to computers** | | |
| Activity | Percent Complete | Issues  Configuration, Testing, Validation, Troubleshooting |
| Create DHCP Scopes | 100 % | No issues with creating Scopes |
| Join CLI1 to domain | 100 % | Config: had to restart CLI1 before so it would recognize the change to a default switch |
| Verify Connections from CLI1 to Servers | 100 % | No issues. Tested using ICMP ping, ipconfig/all |
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| **Status Summary:** Discuss how you addressed configuration, testing, validation and troubleshooting |
| The task was to create a Create a DHCP using SRV1 and to create scopes for devices that will be on the network. Using server manager, I added the role and feature for DHCP and had no issues with the install and configuration. As a good practice I ensured to restart the DHCP server after it was installed because sometimes there can be some glitches with the system if you do not. Then using the DHCP Management Console I navigated to IPv4 and right clicked to create a ‘new scope’. Named the new scope ‘Domain 1 Scope 1’ and assigned an IPV4 range of 192.168.10.1 – 192.168.10.254 and added an exclusions range of 192.168.10.1 – 192.168.10.10 to set those aside to use for potential static IP entries. I then finished and activated the scope. To verify the entry, I selected the scope folder to see that my entries for the scope range were correct and they were.  When I created CLI1 I did not join it to a network or switch so I had to go back into Hyper-V to select the default switch for CLI1. I then logged into CLI1 and navigated to system properties so I could the Domain of CLI1 to Domain1.com. I had a hard time at first because it wouldn’t accept my input for the domain name. I then restarted CLI1 and it now showed the network was on Domain1. I was now able to connect the CLI1 to Domain1.com.  The Final task was to verify all connections across the domain. To do this I used CLI1 to ping the servers and ipconfig to ensure CLI1 had a DHCP IPv4 address from the scope I assigned. I also used ipconfig/all to verify. Everything was in order. The last thing I wanted to do was check on our DC1 and verify that the AD had CL1 joined to the user folder for computers. It was there. |
| **Submitted By:** |
| Bo Irving |