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| 01.26.2021 |  | Status Report |
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| **Snapshot of Project or Task: Hyper-V Local Lab** | | |
| Activity | Percent Complete | Issues  Configuration, Testing, Validation, Troubleshooting |
| Configure VM1 to be the Domain Controller | 100 % | Configuration: Ensure to rename the VM during configuration to avoid unnecessary restarts. |
| Create VM2 and configure it to be a member Server | 100 % | No Issues |
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| **Status Summary:** Discuss how you addressed configuration, testing, validation and troubleshooting |
| The task is to create a two-node network and configuring one VM to be the Domain Controller (DC) and the other VM to be a member Server (SRV1).  With the one VM that we have already created we will Install Active Directory Domain Services (AD DS) to create a Domain Control (DC). Using Server Manager, we will Add Roles and Features, select our current VM server, add AD DS feature from available roles, and then install. After the installation is complete, we promoted the server to domain controller. Next, we created an Active Directory Forest and named it domain1.com and created a password. Accept defaults and ignore the DNS warning for now. The default NetBios name will be domain1.com and continue to accept default settings until you get to the review options pain. In this pane view the scripts and copy and paste it to your scripts folder for reuse later if needed. Click install and after several minutes the login screen will appear showing the new domain name. Log in and in server manager verify that the domain name for the server is now domain1.com. Now is the time rename the computer name so that it makes sense to your system. The next thing we did is configure a static IP address on our Domain Controller (DC) by going into server manager and clicking on the ethernet and going into properties. We input the DC with an IP address of 192.168.10.1, subnet 255.255.255.0, and left the default gateway blank. For the preferred DNS we used 127.0.0.1. The final step for DC was to install the DNS server Role.  To create the member server, refer to status report from project 1 for creating a VM. With the member server (SRV1) up and running we then used server manger to input the IP address using IP 192.168.10.2, subnet mask 255.255.255.0, default gateway blank, primary DNS IP is that of DC1 192.168.10.1, alternate DNS IP is the SRV1 IP address 192.168.10.2. Go back to DC and enter SRV1’s Ip address to its Alternate DNS IP. The next thing to do was to join SRV1 to the domain. Upon completion install DNS on SRV1. |
| **Submitted By:** |
| Bo Irving |