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| 02.27.2021 |  | Status Report |
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| **Snapshot of Project or Task 20: Create a Child Domain** | | |
| Activity | Percent Complete | Issues  Configuration, Testing, Validation, Troubleshooting |
| Create a Child Domain | 100% | Had difficulty demoting the child domain controller |
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| **Status Summary:** Discuss how you addressed configuration, testing, validation and troubleshooting |
| The task was to create a child domain controller using SVR1. On SVR1 the first thing I did was use the command prompt to make sure I was still communicating with the domain controller DC1 using the ping command. Once verified that I was still communicating I then added the role and feature Active Directory Domain Services to SVR1. Once installation was complete, I then promoted it to a domain controller and during the configuration process I created a child domain by adding a new domain to the existing forest and naming the new child domain OR.domain1.com under the parent domain domain1.com. One thing I learned is it won’t accept a fully qualified domain input when name the new child domain. It only needs the OR part of the name before it would accept. Once configuration and installations were complete the computer had to restart and then I signed back in using the OR credentials. The next thing I did was use PowerShell scripts to force AS DS replication. The first script sync’d replication partners, second script showed all DC;s in the forest, and the third script displayed the replication summary. I also used the AD Sites and Services tool to conduct replication.  I then created a user in the child domain and verified I could access this user off my DC1 when I changed its domain to OR domain. When all this was completed, I then tried to demote the child domain controller but was getting access denied messages because I was using the OR domain credentials and not the parent domain credentials. Once I corrected the credential error, I was then able to demote the child domain. |
| **Submitted By:**  Bo Irving |