Week-2 Agenda

1. Sample student assignment
2. Conscious Competence Learning Model - <https://www.google.com/search?q=conscious+competence+learning+model&tbm=isch&ved=2ahUKEwiLsLfAyfj2AhWgATQIHbeUB64Q2-cCegQIABAA&oq=conscious+competence+learning+model&gs_lcp=CgNpbWcQAzIECAAQQzIFCAAQgAQyBAgAEBgyBAgAEBhQAFgAYJkGaABwAHgAgAFbiAFbkgEBMZgBAKoBC2d3cy13aXotaW1nwAEB&sclient=img&ei=Ru5JYov1KKCD0PEPt6me8Ao&bih=807&biw=1638&rlz=1C1GCEA_enUS880US880>
3. Unknown-unknowns to Known-unknowns matrix - <https://www.google.com/search?q=known+unkwon+unknowm+unknowm+matrix&tbm=isch&ved=2ahUKEwjpoJeYyvj2AhXFJDQIHcwsCcMQ2-cCegQIABAA&oq=known+unkwon+unknowm+unknowm+matrix&gs_lcp=CgNpbWcQA1AAWABg8AZoAHAAeACAAU-IAU-SAQExmAEAqgELZ3dzLXdpei1pbWfAAQE&sclient=img&ei=_u5JYumpKsXJ0PEPzNmkmAw&bih=807&biw=1638&rlz=1C1GCEA_enUS880US880&hl=en>

Monday:

1. All you all able to access your VMs? If not, PLEASE send me an email!
2. –
3. Review Week-1 assignment
4. -
5. DNS slides
6. Active Directory slides
7. -
8. Let’s talk about transitive two-way trust:
   1. A <-> B <-> C = A <-> C
   2. **NOTE:** A & C trust must pass through B. More about trust in lab.
9. Let’s talk about multi-master DCs:
   1. Old model was Primary DC and Backup DCs

Lab time:

* 1. On 2019 Server-1:
     1. Install AD DS
     2. Promote to DC – CS240B?.COM
     3. nslookup CS240B?.COM
     4. Create CS240B OU
     5. Create CS240B OU user {i.e. Sue Smith}
     6. **NOTE:** In production, will need multiple DCs for each domain.
  2. On 2019 Server-2:
     1. Install AD DS
     2. Change server-2 DNS IP to server-1
     3. Add new domain zone to DNS – CS240B?99.COM
     4. Promote to second tree DC – CS240B?99.COM:
        1. No New DNS
        2. No New GC
     5. After done:
        1. nslookup CS240B?.COM
        2. nslookup CS240B?99.COM
        3. Check DNS new zone
        4. Check on DC trust
        5. Create CS240B OU
        6. Create CS240B OU user {i.e. Steve Smith}
  3. On 2019 Server-3:
     1. Install AD DS
     2. Change server-3 DNS IP to server-1
     3. Promote to child domain for CS240B?.COM:
        1. Child name = Albany
        2. New DNS
        3. New GC
     4. After done:
        1. nslookup CS240B?.COM
        2. nslookup CS240B?99.COM
        3. nslookup Albany.CS240B?.COM
        4. Check DNS new zone – Albany and delegation
        5. Check on DC trust
        6. Establish direct trust between CS240B?99.COM and Albany
        7. Create CS240B OU
        8. Create CS240B OU user {i.e. Joe Smith}
  4. On Win-10 computers:
     1. Join domains:
        1. Win10-1 = CS240B?.COM
        2. Win10-2 = CS240B?99.COM
     2. Move from computers folder CS240B OU
     3. Logon using domain accounts
     4. Check content of local SAM Administrators group

Wednesday:

1. Projects
2. –
3. Finish lab
4. Q&A