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