Week-3 Agenda:

1. Week-3 slides
2. Review the AD ecosystem we created in class:
	1. One forest with two trees {CS240B0.COM & CS240B099.COM}
		1. With one CS240B0.COM child domain {Albany.CS240B0.COM}
	2. One DNS with two Zones for CS240B.COM & CS240B99.COM
		1. With Reverse lookups DNS zones
		2. With a Delegation subzone to Albany.CS240B0.COM
	3. A separate DNS for Albany.CS240B0.COM {with one Zone}
		1. With Forwarder to CS240B0.COM DC {Ziko-2019-1}
3. DNS Forwarder
4. DNS Conditional Forwarder
5. View CS240B0.COM SOA record
6. View CS240B0.COM NS record
7. Create Transitive two-way trust between CS240B0.COM forest and ZikoRizk.COM forest:
	1. First, we must be able to resolve the other forest domain name:
		1. Since the two DNS servers are disjointed, create DNS Conditional at both ends and test:
			1. From Ziko-Test-1, nslookup ZikoRizk.COM
			2. From ziko-Test-5, nslookup CS240B0.COM
	2. Must agree on a PSK for the trust {Ziko\_123}
	3. Must either disable the firewalls or open ports {disable firewalls}:
		1. 53 TCP/UDP = DNS
		2. 88 TCP/UDP = Kerberos
		3. 389 TCP/UDP = LDAP
		4. 445 TCP = SMB
		5. 636 TCP = LDAP-SSL
		6. 135 TCP = Trust endpoint resolution
	4. From CS240B0.COM, create trust:
		1. Forest trust
		2. Two-way
		3. This domain only {for Both options, need credentials on both ends}
		4. Forest wide authentication
		5. Trust password {Ziko\_123}
		6. Confirm outgoing trust = No
		7. Confirm incoming trust = No
		8. Read messages
	5. From ZikoRizk.COM, create trust:
		1. Forest trust
		2. Two-way
		3. This domain only {for Both options, need credentials on both ends}
		4. Forest wide authentication
		5. Trust password {Ziko\_123}
		6. Confirm outgoing trust = Yes
		7. Confirm incoming trust = No
		8. Read messages
		9. From trust Properties, Validate trust for incoming and outgoing:
			1. Must enter local Admin account and password
	6. From CS240B0.COM, trust:
		1. From trust Properties, Validate trust for incoming and outgoing:
			1. Must enter local Admin account and password
	7. To test Forest-2-Forest trust:
		1. From Ziko-Win10-1 PC {member of CS240B0.COM domain}:
			1. Logon using zikorizk\steve account {from trusted forest}
			2. Should be able to authenticate successfully
			3. From Search Active Directory function:
				1. Entire directory = local forest
				2. Should also see remote forest in list

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1. Q&A
2. Help you build your AD ecosystem

Wednesday:

1. No class on Wednesday – pick up a friend from hospital