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