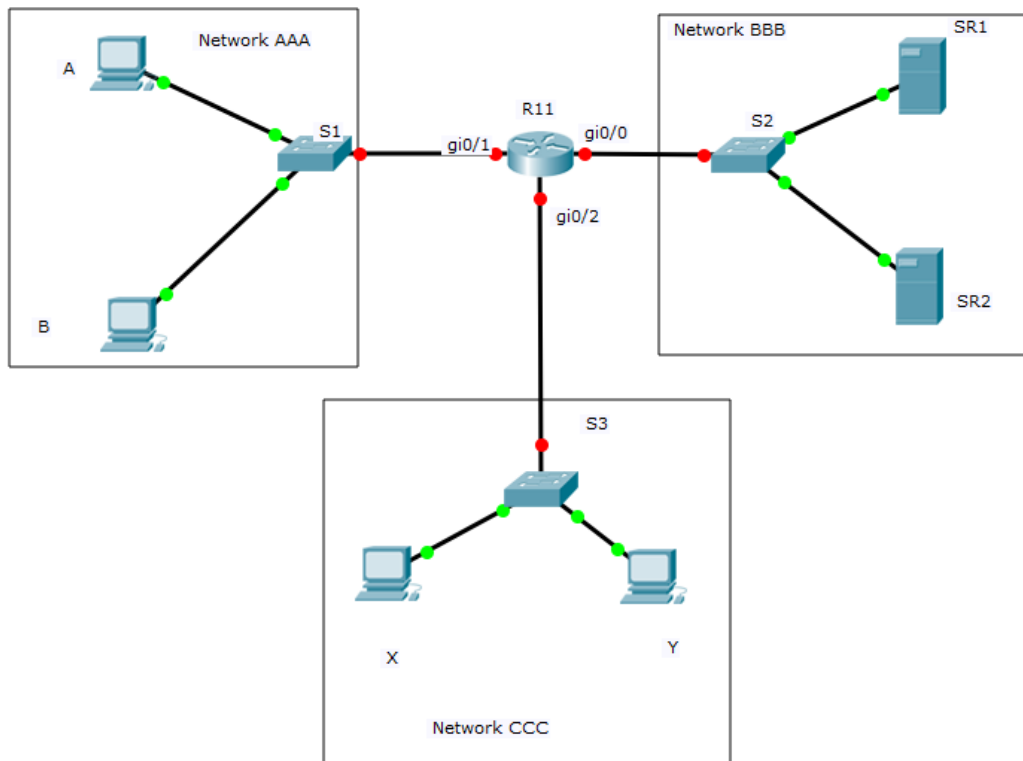ACL Laboratory work

1. Create topology in Packet Tracer according to given topology, use Router 2911, Switch 2960.
2. Calculate IP addresses:
    a. Network AAA: 524 hosts
    b. Network BBB: 100 hosts
    c. Network CCC: 500 hosts
3. Configure IP addresses
    a. R11 (gi0/0 – gi0/2) – 1st useful address
    b. A, B, X, Y, SR1, SR2 2nd, 3rd available addresses in networks respectively
    c. S1, S2, S3 will use last useful IP address in networks
4. Configure line VTY (cisco2017) and Priveleged exec (class2017) passwords on S1, S2, S3 and R11.
5. Configure ACL:
    a. A → Network CCC
    b. Network AAA ↮ Network CCC
    c. Network AAA → Network BBB
    d. X → SR1 (by HTTP protocol only)
    e. X ↮ SR1
    f. Y → SR2
    g. Y ↮ SR2
    h. Only computer X able to configure R11 by Telnet