Assignment # 1
Tuesday October 14th, 2003

Due Date: Tuesday, November 4th, 2003

ABC (Advanced Business Corporation) company started the process of designing a new network. The IT manager is still confused about what type of devices (layer-3 switches or routers) to use and which ones are suitable for what situation. ABC has hired your team as a consultant to do a market survey of layer-3 switches and routers from a number of vendors and give them your recommendation to help them decide what use in different cases.

Your team is composed of either 2 or 3 people. The team should meet first and decide on initial criteria (business perspective) to use for comparing layer-3 switches and routers.

Each person must then survey the networking devices of one vendor and pick 3 layer-3 switches and 3 routers. Then, he must make a comparison between the two categories and come up with a more detailed list of criteria (extension and update of the initial one).

The team should then meet, discuss their findings and make a recommendation to the company about the difference between layer-3 switches and routers and when they should use one or the other.

The recommendation should be 3-4 pages long including the following:

➢ Executive summary
➢ List of criteria used and why each was chosen
➢ List of comparison between layer-3 switches and routers using the above criteria
➢ List of situations and which device to use in each case
➢ Conclusion

Late Submission:

The due date for submission is **Tuesday, November 4th, 2003 during the class time (10:00-11:15AM)**. Assignments submitted after the due date will have 10% of the assignment maximum grade subtracted for every late day. If the submission is one week late, the grade for the assignment will be 0. (e.g.; if you get a grade of 80% in the assignment and it was submitted 2 days later than the due date, you'll only receive a grade of 60%).