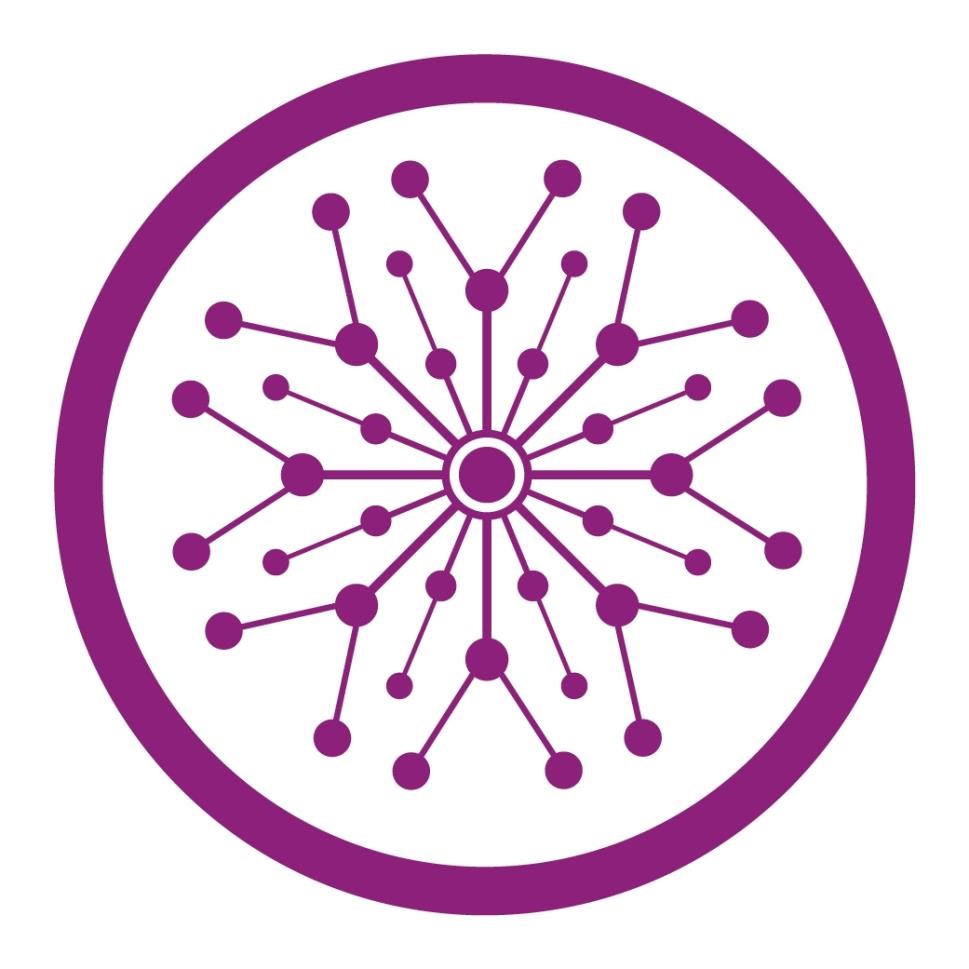
**Assignment 2**

**Computer Networks (Lab)**



**Submitted to Rasikh Ali**

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**Why are we using the 2911 router and not the others?**

The Cisco 2911 router can also be recommended to small and medium-sized companies. How can one do business without such quality of performance? It is much better because it has more ports than less expensive routers and thus enables you to add quite several devices and configure your network in the way you want it.

It also has strong security features such as virtual private networks, firewalls, and threat protection. This cuts across some non-scoped businesses that would like to secure their data. Expensive or top-end routers could still be giving even better security options, there’s the 2911 which offers decent performance without breaking the bank.

So in summary, Cisco 2911 is the right selection for an enterprise that seeks a secure and functioning infrastructure at a reasonable price without exposing the company to risks

**Why are we using the 2950T or 2960 switch and not the others?**

In this scenario, there is a justification for selecting the Cisco 2950T or 2960 switch since they have proven to be very dependable and easy to use in small and medium-sized systems. These switches are also average in performance and come with many plus ports that can be used to attach many other devices including computers and printers. They are equipped with intelligent features that help in the monitoring and control of the traffic in the network so that everything is efficient.  
  
A different one, and equally important, is the availability of strong security features. The 2960 switch for example comes with features that will prevent the intruders from breaching the network. The switches, in general, are advisable because they offer a fair share of performance, safety, and price-making homes or businesses that need effective networking at reasonable finances.