

Term 1 Findings

The first item on the agenda for my project is to find out more about the UNAM network. I sent through some questions to UNAM to find out more about what they had and how best I could establish a VoIP with the resources they have.

Questions and Answers:

1. Who is the current ISP to UNAM? **Telecom(Infinitum) for web browsing and Verizon Business for email(gateway).**
2. How much international bandwidth is UNAM currently receiving?
 - **Verizon Business: 1 to 1 - 128K Internet line, will give you 128K national and International depending on where you are browsing or downloading.**
 - **Infinitum (Telecom): 1024k national and International.**
3. What is the network topology of the UNAM network - key networking devices between ISP -> Computer Services -> IT department? **Mesh topology – Routers, switches.**
4. What is the current situation with regards to internet reception at UNAM? **Not sure what you mean?**

Upon arrival at UNAM we had to move the iLanga server to the server room. The problem with relocation was that the IP address needed to be changed but the in turn caused a ripple effect on the system with regards to its initial settings/configuration.

The questions are in black and the responses I obtained are in blue. These questions were sent to the Computer Centre's manager Mr Daniel Hagemann. Mr Hagemann was very helpful and forthcoming. My answers were short because he had to meet implementation deadlines for a new system at UNAM.

iLanga Server

The iLanga server at UNAM has been sitting idle for a couple of years but I was happy to see that it was still bootable. The only problems noted by Mrs Kauna Mufeti (she is supporting me on the UNAM end) are listed below:

- The main problem that I suspect is in the apache configuration file which I cannot find The httpd.conf file is empty, but apache is running perfectly. We need to change the IP address to the right one. If you can let me know what the apache configuration file for iLanga is located, pls?
- If it has nothing to do with apache, then it must be the file that is referred to by index.php (because the problem occurs immediately after pressing the login button.)

I was unable to assist here with any form of informative diagnosis due to my lack of solid working knowledge of iLanga but I shall have to be quite proficient in my knowledge of the system before I leave for UNAM during the 2nd semester vacation.