❖ General questions:

- How many devices in the campus? [should probably explicit device, as in: only hosts and net eqpt, or everything, including printers, wireless devices, etc...]

- 320 Computers;
- 8 Servers;
- 12 Switchs;
- 1 Router;
- 1 ASA;
- 51 Access Point;
- 40 Printers (7 Network printers, 33 Local printer).

- How many buildings? Distances between them, if known ?

3 Administration buildings and 4 boarding of students

- Fiber links between the buildings ?

Yes we have a fiber link between the mean and the other buildings

❖ Internet

- External connectivty ? Type, capacity ?

We are linked by LS 8 Mbps

- Are you providing routes to your upstream provider, or are they statically routed to you?

Routed statically

❖ IP addressing:

- Could we get an IP address map ? A description of how are subnets used?

We have one subnet 10.10.0.0/16 for the administrative stuff and the class room

And another net for the student boarding 192.168.0.0/16

- Is there an addressing plan ?

- Are the IP addresses assigned by their ISP, or have they got a Provider Independent (PI) allocation?

We use DHCP internal server to distribute ip addresses

- Are private or public (routable) IP addresses being used inside the network?

We use public addresses in the DMZ Zone for the web servers

- Are you using one or more layers of NAT ?

We don't use NAT

* Routing vs switching:

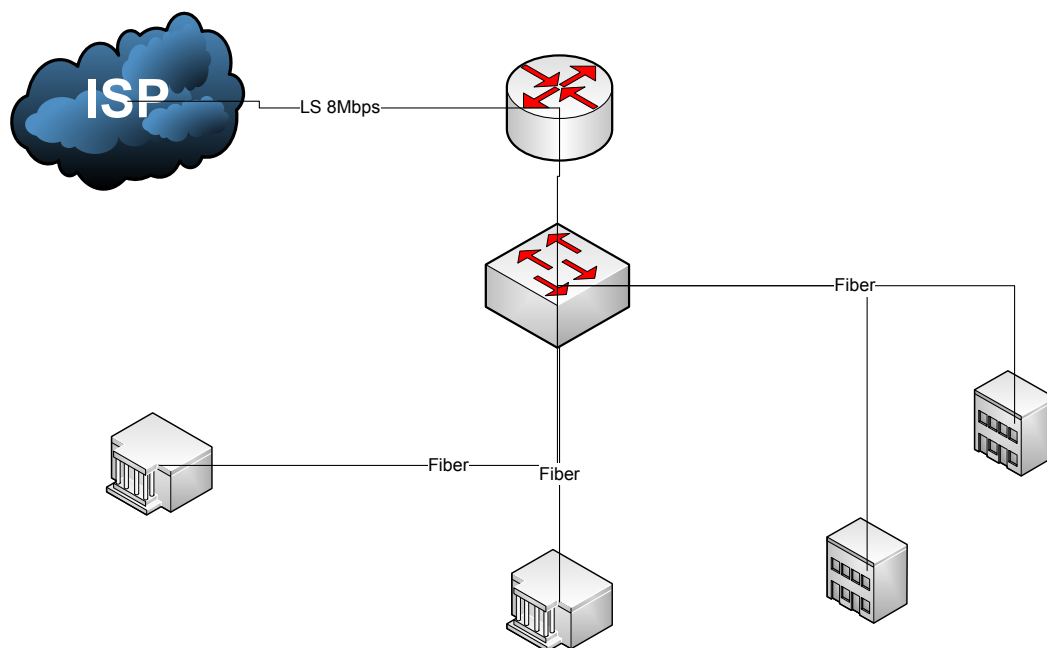**- Is the core L3 or L2 (routed or switched)?**

Switched

- What kind of routing protocols, if any?

We use only static routing in the router.

- Is Spanning Tree enabled in the network?

NO

❖ **Physical diagram**

❖ Layer 2/3 Diagram

ISP

LS 8Mbps

Router
196.200.173.1

10.10.0.0/16

Fiber

Fiber

Fiber

Fiber