

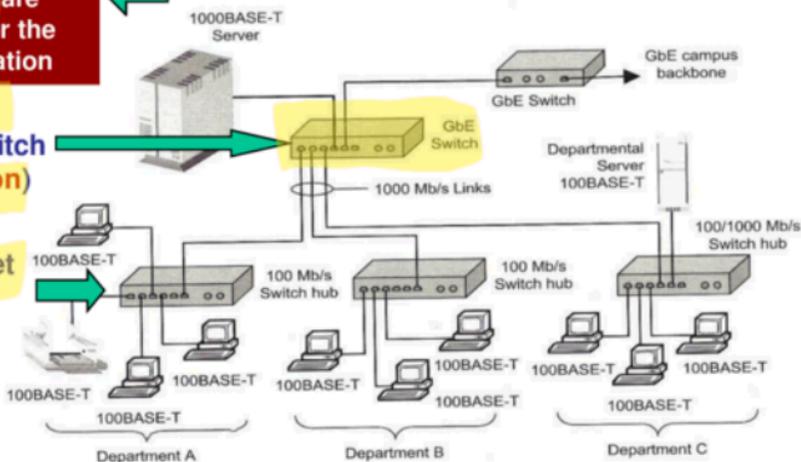
- The **main network element** is the **Ethernet switch**, which sends the data to destination station using the **MAC address**.
- With the **switched Ethernet** the network becomes a set of **point-to-point connections** with a star physical topology instead of the bus topology of classic Ethernet.

Switched Ethernet Network with two hierarchical levels

The switches of the upper layers are responsible for the traffic aggregation

Gigabit Ethernet switch (aggregation)

Fast Ethernet switch



Switch JUNIPER



Interfaces: 10/100/1000 Base-T
100 Base-Fx/1000 Base X, 10 GbE