

- In a network with many switches, each switches must be capable of locating all the stations (source address table) and knowing the VLAN to which belong the source and destination of the traffic.
- In a large network the tables can reach large dimensions and penalize network performance. Hence, it is preferable to use tagged frames with the tag containing VLAN information. The switches with capacity for processing tags are designated as *VLAN aware*.



- The connections between the switches and the users utilize traditional Ethernet frames. The connections between the switches use tagged frames