

Assignment 7

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1) Map the IETF Internet Architecture to the appropriate OSI layers

Ethernet, FDDI, → Physical Layer & Data Link

IP → Network Layer

TCP & UDP → Transfer Layer

Http, Ftp and etc. → Application and Presentation layer

2) Illustrate how a VLAN works

A VLAN is a set of end stations and the switch ports that connect them. You can have different reasons for the logical division, such as department or project membership. The only physical requirement is that the end station and the port to which it is connected both belong to the same VLAN.

