

# OSI Model vs. TCP/IP Model

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The OSI seven-layer model is 7 distinct functions a network must do.

OSI:

1. Physical (what type of cables...)
2. Data Link (anything that works with a MAC address, NIC, switches)
3. Network (Logical Addresses, routers)
4. Transport (Assembly / dissemble)
5. Session (Connection between two systems, sharing files...)
6. Presentation (used to be used to convert data into something it can read)
7. Application (The smarts of what makes it aware)

TCP Model:

1. Network Interface (
2. Internet
3. Transport (assembly / dissemble, sharing files...)
4. Application

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**Page 8 of 9**