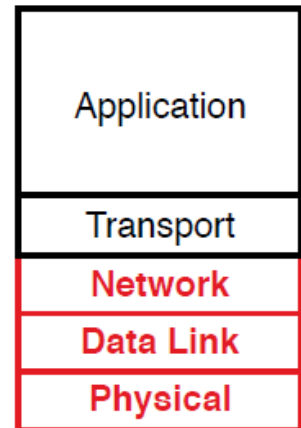


TCP/IP

- Defined in Documents called RFCs.
- Also refers to standards/protocols etc. For example the protocols created by the IEEE
 - Protocols are rules/standards that allow 2 devices to communicate.
- Model is implemented in many things (Software, OS, Hardware ...)
- 5 Layers and according protocol
 - Application (eg. HTTP, POP3, SMTP)
 - Transport (eg. TCP, UDP)
 - Network (eg. IP, ICMP)
 - Data Link (eg. Ethernet, 802.11, PPP)
 - Physical
- Each of the Layers has it's own standards and protocols
- The original version is a bit different and features only four layers

CCNA Adapted Version

TCP/IP Model



Acronyms

RFC = Requests for Comments

OS = Operating System

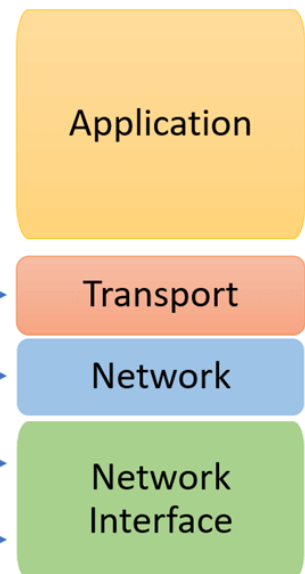
IEEE = Institute of Electrical and Electronic Engineers

OSI vs. TCP/IP 1

OSI Reference Model



TCP/IP Conceptual Layers



© guru99.com