【CN】Day2

⏱ Created	@May 12, 2022 4:23 PM
⊗ Class	
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☰ Materials	What is protocol
☑ Reviewed	☐

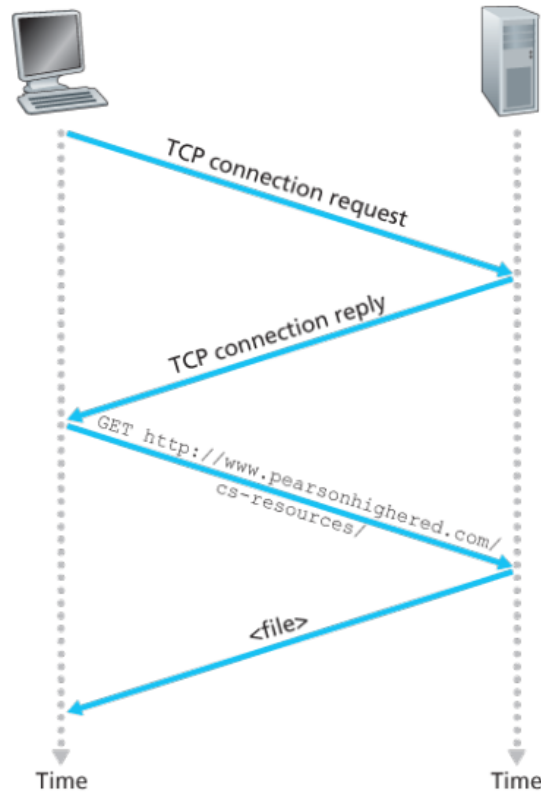# 【Ch1】Computer Networks and the Internet

1.1.3 What is a Protocol?

It takes two(or more) communicating entities running the same protocol in order to accomplish a task.

Network Protocols

All activities in the Internet that involves two or more communicating remote entities is governed by a protocol.

As an example, consider what happens when we make a request to a Web server, that is, when we type the URL of a Web page into the Web browser.

First, our computer will send a connection request message to the Web server and wait for a reply. The Web server will receive our connection request message and return a connection reply message.

Knowing that it is now OK to request the Web document, our computer then sends the name of the Web page it wants to fetch from that Web server in a GET message.

Finally, the Web server returns the Web page(file) to our computer.

A protocol defines the format and the order of messages exchanged between two or more communicating entities, as well as the actions taken on the transmission and/or receipt of a message or other event.