

Chapter 1 Quiz 1

Computer Networking 2017.3.2

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Note: Write T or F before each question number

- ☐ 1. Computer Network is collection of autonomous computers interconnected by a single IP technology where single technology means protocol layering.
- ☐ 2. Protocol layering gains a lot and loses nothing. inefficient (headers)
- ☐ 3. Lower layers can change implementation without affecting upper layers as long as the interface between layers remains the same.
- ☐ 4. Upper layers can provide a service to the layers below. 反了
- ☐ 5. A protocol is always implemented in software. part of link layer
- ☐ 6. Layers four and five of the Internet protocol stack are implemented in the end systems but not in the routers in the network core.
- ☒ 7. Peers of each layer at the src and dest talk to each other logically using protocol headers. physical layer
- ☒ 8. From the WireShark, we can see that both TCP and IP header are 20 bytes long.
- ☐ 9. The Internet architecture puts much of its complexity at the end systems instead of the core routers.
- ☐ 10. LAN and WAN only differs in the network scale. implementation, protocol