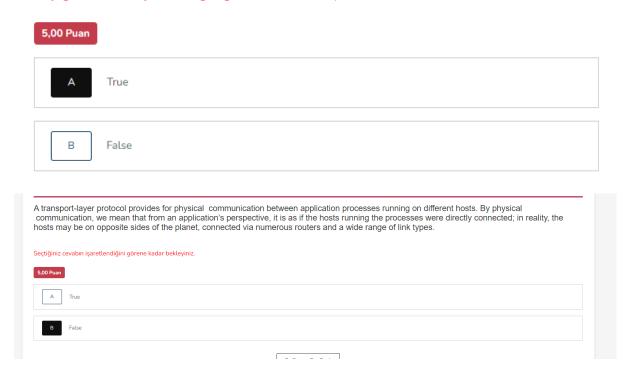
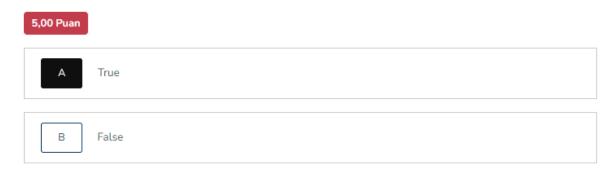
An acknowledged segment indicates that the network is delivering the sender's segments to the receiver, and hence, the sender's rate can be increased when an ACK arrives for a previously unacknowledged segment.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



Processes on two different end systems communicate with each other by exchanging messages across the computer network.



A transport-layer protocol provides for physical communication between application processes running on different hosts. By physical communication, we mean that from an application's perspective, it is as if the hosts running the processes were directly connected; in reality, the hosts may be on opposite sides of the planet, connected via numerous routers and a wide range of link types.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



Each router has a access list that maps destination addresses (or portions of the destination addresses) to that router's outbound links.



The Internet's transport layer is responsible for moving transport-layer packets known as datagrams from one host to another.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



The Internet's application layer includes many protocols, such as the HTTP protocol (which provides for Web document request and transfer), SMTP (which provides for the transfer of e-mail messages), and FTP (which provides for the transfer of files between two end systems).

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



Each router has a access list that maps destination addresses (or portions of the destination addresses) to that router's outbound links.



UDP (User Datagram Protocol), provides an unreliable, connectionless service to the invoking application. TCP (Transmission Control Protocol) provides a reliable, connection-oriented service to the invoking application. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan В False 2/20 ① 00:22:52 In DASH (Dynamic Adaptive Streaming over http), the video is encoded into several different versions, with each version having a different bit rate and, correspondingly, a different quality Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. A True B False Applications that have throughput requirements are said to be loss-tolerant applications. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan А True TCP is a reliable datatransfer protocol that is implemented on top of an reliable (IP) end-to-end network layer. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan True False

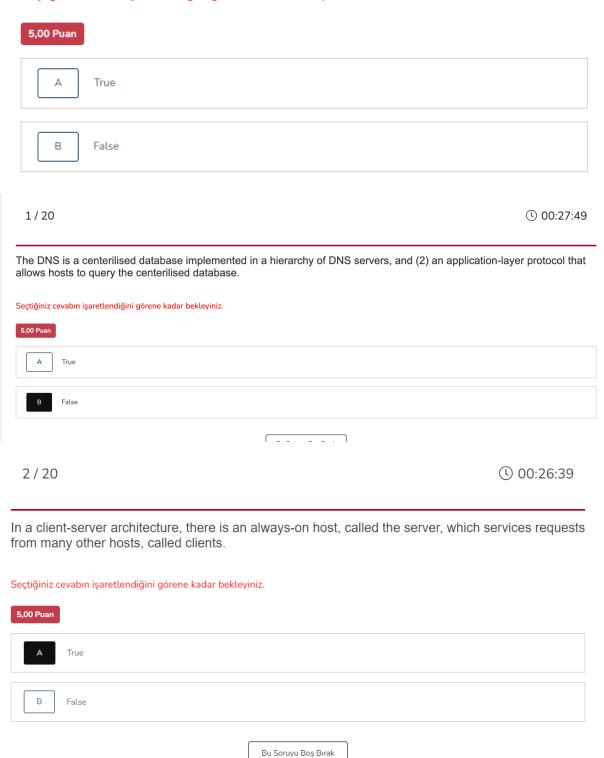
application's perspective, it is as if the hosts running the processes were directly connected; in reality, the hosts may be on opposite sides of the planet, connected via numerous routers and a wide range of link types. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz 5,00 Puan B False The UDP service model is a best-effort delivery service. This means that UDP makes its "best effort" to deliver segments between communicating hosts, but it makes Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan B False 1/20 **(**) 00:28:57 TCP is said to be connection-oriented because before one application process can begin to send data to another, the two processes must first "handshake" with each other—that is, they must send some preliminary segments to each other to establish the parameters of the ensuing data transfer. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan False DNS is an example of an application-layer protocol that typically uses

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TCP. When the DNS application in a host wants to make a query, it constructs a DNS query message and passes the message to TCP.

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Electronic mail, file transfer, and Web transfers are all elastic applications that can make use of as much, or as little, throughput as happens to be available.



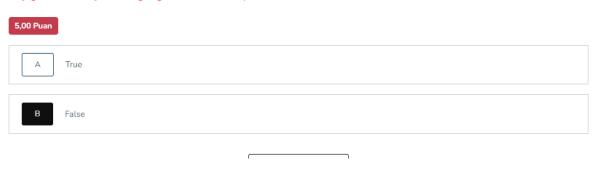
The Internet is a hardware that interconnects billions of computing devices throughout the world.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan True Α False In a client-server architecture, there is an always-on host, called the server, which services requests from many other hosts, called clients. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz. 5,00 Puan Α В False 1/20 The Internet's transport layer is responsible for moving transport-layer packets known as datagrams from one host to another. Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.

4 / 20

DNS is an example of an application-layer protocol that typically uses TCP. When the DNS application in a host wants to make a query, it constructs a DNS query message and passes the message to TCP.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



An acknowledged segment indicates that the network is delivering the sender's segments to the receiver, and hence, the sender's rate can be increased when an ACK arrives for a previously unacknowledged segment.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



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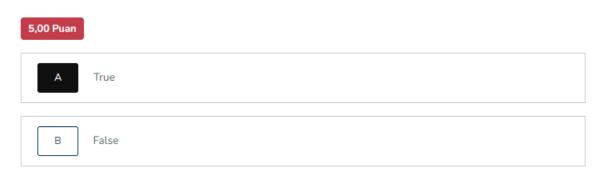
The DNS is a centerilised database implemented in a hierarchy of DNS servers, and (2) an application-layer protocol that allows hosts to query the centerilised database.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



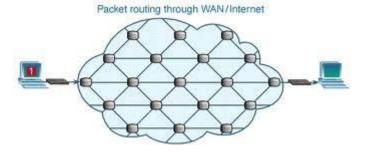
The applications are said to be distributed applications, since they involve multiple end systems that exchange data with each other.

Seçtiğiniz cevabın işaretlendiğini görene kadar bekleyiniz.



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.





In the context of a communication session between a pair of processes, the process that initiates the communication (that is, initially contacts the other process at the beginning of the session) is labeled as the server. The process that waits to be contacted to begin the session is the client.

5.00 Pun

A True

B False

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