Informal Quiz 7

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TF	
☐ ☐ Strong authentication involves se	ending shared secrets on the
wire	
☐ H.323 provides call control and c	codecs in addition to RTP
☐ RSVP PATH messages are used	to identify the reverse path
from receivers to any sender	
\Box In the differentiated services model, interior routers must	
handle fine-grained signaling and p	olicy functionality
☐ ☐ Scheduling refers to the choice of	f packet to transmit, whereas
buffer management refers to the dec	cision to enqueue or drop a
particular packet	
☐ ☐ Digital signatures is based upon s	symmetric encryption
techniques	
Rensselaer Polytechnic Institute	Shivkumar Kalyanaraman

Informal Quiz 7 (contd) TF □ □ NAT, DHCP, subnetting and CIDR together allow better multiplexing of the IPv4 address space ☐ ☐ The 128 bit address space in IPv6 simplifies autoconfiguration, network renumbering and routing ☐ RMON defines both a new MIB and a new protocol □ RTP does not provide acks or NAKs, and therefore is not a reliable multicast transport protocol ☐ ☐ As a result of Moore's law, one Intel strategy is to innovate and be the first-tomarket in a new generation of chips ☐ Metcalfe's law describes the commoditization of computational power ☐ ☐ Since variable cost of information goods is zero, cost-based pricing is the best for these types of goods. ☐ ☐ Certificate authorities can change their private key often ☐ DES is an example of a public key encryption system ☐ Kerberos provides a single sign-on authentication facility Shivkumar Kalyanaraman Rensselaer Polytechnic Institute

Informal Quiz 7 (solns)

 \Box \lor Strong authentication involves sending shared secrets on the wire $\sqrt{\Box}$ H.323 provides call control and codecs in addition to RTP $\sqrt{\Box}$ RSVP PATH messages are used to identify the reverse path from receivers to any sender \Box \forall In the differentiated services model, interior routers must handle fine-grained signaling and policy functionality $\sqrt{\Box}$ Scheduling refers to the choice of packet to transmit, whereas buffer management refers to the decision to enqueue or drop a particular packet \square \lor Digital signatures is based upon symmetric encryption techniques Shivkumar Kalyanaraman Rensselaer Polytechnic Institute

Informal Quiz 7 (contd) TF $\sqrt{\Box}$ NAT, DHCP, subnetting and CIDR together allow better multiplexing of the IPv4 address space $\sqrt{\Box}$ The 128 bit address space in IPv6 simplifies autoconfiguration, network renumbering and routing \square $\sqrt{\text{RMON}}$ defines both a new MIB and a new protocol $\sqrt{\Box}$ RTP does not provide acks or NAKs, and therefore is not a reliable multicast transport protocol $\sqrt{\Box}$ As a result of Moore's law, one Intel strategy is to innovate and be the first-to-market in a new generation of chips \square $\sqrt{}$ Metcalfe's law describes the commoditization of computational power \square \lor Since variable cost of information goods is zero, cost-based pricing is the best for these types of goods. \Box $\sqrt{}$ Certificate authorities can change their private key often \Box \forall DES is an example of a public key encryption system ☐ Kerberos provides a single sign-on authentication facility Shivkumar Kalyanaraman Rensselaer Polytechnic Institute