Grade Book Detail

	\neg	┝	+	ĸ,	ı
ᆍ		Ņ	4	X	١.
_	/\	11	-14	, ,	v.

Quiz 7

Started: January 2, 2024, 11:43 am Last change: January 2, 2024, 11:58 am

Showing Scored Attempts | Show Last Attempts | Show Review Attempts

Hide Perfect Score Questions Hide Not Answered Questions

Which protocol uses UDP?

- **OTELNET**
- O DNS
- SMTP
- OHTTP
- 1. Show Answer DNS

Question 1: 5 out of 5 in 1 attempt(s)

The general format for URL is _____.

- protocol://hostname/pathname
- Oprotocol:/hostname/pathname
- ○/hostname/pathname
- //hostname/pathname:protocol

1. Show Answer protocol://hostname/pathname

Question 2: 5 out of 5 in 1 attempt(s)

A host would like to know the IP address for www.zju.edu.cn. Suppose that this host has configured the DNS server as 210.32.32.1. Furthermore suppose the IP address for the top DNS server is 12.12.12.12 and the IP address for the actual DNS server storing the www.zju.edu.cn and its IP address is 210.32.1.1. Then this host will first contact the DNS server with the IP address as ______.

O 210.32.1.1
○12.12.12
© 210.32.32.1
Oundefined
1. Show Answer 210.32.32.1
Question 3: 5 out of 5 in 1 attempt(s)
Which is used to keep track of a user and its related information by the Web server?
○ web cache
Opersistent connection
○ conditional GET
1. Show Answer cookie
Question 4: 5 out of 5 in 1 attempt(s) The resource record type is related to the mail server.
OCN
MX
ONS
○SOA
1. Show Answer MX
Question 5: 5 out of 5 in 1 attempt(s)
When you configure static IP address parameters: IP address, subnet mask, default gateway, IP address relating to DNS, which name server's IP address is used?
○ proxy name server
O authoritative name server

local name server

○ top-lev									
Question 6: 5 o	 ut of 5	in 1 atter	mpt(s)						
			, , ,						
Which encrypt	ion alg	orithm is	the sl	owest or	ne?				
○SHA-1									
OAES									
● RSA									
OIDEA									
1. Show Answe	er RSA	4							
Question 7: 5 or	ut of 5	in 1 atter	mpt(s)						
Public-key alg decryption and properties mak	l that t	he decry	ption k	cey canno	ot be c	lerived fr			
○one tin	ne								
○randon	n								
○same									
o differe	nt								
1. Show Answe	er diffe	erent							
Question 8: 5 o	ut of 5	in 1 atter	mpt(s)						
prime p and q, product of p–1 number d, relat	RSA aso, the	algorithm modulo -1, will be	. To ge numbe 20	enerate a er n will b	pair R e <u>33</u> ninimu	SA key,	he cho	oses 3 ar , the r ooses 7 a	nd 11 for the two number z, as the value of
Now, he has th coding scheme	e publi	_), such c key pai		x d = 1 n and the		e key pai	r (d, n).	Bob and	d Alice uses a

0	NUL	1	А	2	В	3	С	4	D
5	E	6	F	7	G	8	Н	9	I
10	J	11	K	12	L	13	М	14	N
15	0	16	Р	17	Q	18	R	19	S
20	Т	21	U	22	V	23	W	24	X
25	Υ	26	Z	27	space	28	+	29	_
30	*	31	/	32	=	33	:	34	?

Alice send a encrypted message to Bob using RSA algorithm: EZNGQZXI

Please help Bob to decrypted the message and write the plaintext here:

- 1. Show Answer 33
- 2. Show Answer 20
- 3. Show Answer 3
- 4. Show Answer NET+HERO

Question 9: 15 (parts: 5, 5, 5, 0) out of 20 in 1 attempt(s)

Alice wants to send a signed plaintext email message, P, to Bob in a secure way. Please help Alice and Bob to achieve the goal.

Fill in the blank with the corresponding number of the alternative answer:

- 1) the public key of Alice 2) the private key of Alice 3) the public key of Bob
- 4) the private key of Bob 5) the public key of CA 6) the private key of CA
- 7) the RSA algorithm 8) the AES algorithm 9) the SHA-2 algorithm

Firstly, Bob sends a certificate to Alice. and Alice must check it. Which algorithm should Alice use? $\underline{3}$, and which key should Alice use? $\underline{7}$ Alice hashes her message, P, using $\underline{9}$, and then encrypts the resulting hash using $\underline{8}$ (algorithm) with $\underline{2}$ (key).

The encrypted hash and the original message are now concatenated into a single message,

P1, and then compressed using the ZIP program. Call the output of this step P1.Z. Next, Alice generate a 256-bit random session key, KM, which used to encrypt P1.Z with

In addition, KM is encrypted with 8 (algorithm)

using 6 (key). These two components are then concatenated and converted to base64 to send in email system.

10.214.0.253/network/exercise/course/gb-viewasid.php?stu=0&asid=30232&from=gb&cid=104&uid=5067

1. Show Answer 7
2. Show Answer 5
3. Show Answer 9
4. Show Answer 7
5. Show Answer 2
6. Show Answer 8
7. Show Answer 7

8. Show Answer 3

Question 10: 10 (parts: 0, 0, 5, 0, 5, 0, 0, 0) out of 40 in 1 attempt(s)

Total: 65/100

Return to GradeBook