Home / My courses	/ Cloud Applications Architecture / Course / Exam
Started on	Wednesday, 13 January 2021, 6:00 PM
State	Finished
Completed on	Wednesday, 13 January 2021, 6:20 PM
Time taken	19 mins 39 secs
Marks	8.80/10.00
Grade	8.80 out of 10.00 (88%)
Question 1	
Correct	
Mark 0.40 out of 0.40	
encryptionusage of passtwo factor aut	
Your answer is cor The correct answe encryption	

01/2021	Exam: Attempt leview
Question 2	
Correct	
Mark 0.40 out of 0.40	
Which are the main cloud deployment models?	
Select one or more:	
Private	•
Public	✓
Community	
Community	•
Hybrid	✓
Your answer is correct.	
The correct answers are:	
Public,	
Private,	
Community,	
Hybrid	
Question 3	
Correct	
Mark 0.40 out of 0.40	
What are containers useful for?	
creating similar environments	✓
quickly provisioning dependencies locally	✓
keeping computer clean	~
keeping dependencies isolated from the application	
Your answer is correct.	
The correct answers are:	
creating similar environments,	
quickly provisioning dependencies locally,	
keeping computer clean	

13/01/2021 Exam: Attempt review Question 4 Correct Mark 0.40 out of 0.40 Which of the following represent types of load balancers? ☑ TCP/UDP ✓ HTTP DNS NAT Your answer is correct. The correct answers are: HTTP, TCP/UDP, DNS Question 5 Correct Mark 0.40 out of 0.40 Which of the following is not an application security process/technique? input validation encryption runtime checking authentication

Your answer is correct.

authorization

The correct answer is: runtime checking

51/2021 Exam	m. Attempt review	
Question 6		
Correct		
Mark 0.40 out of 0.40		
Why would be concerned with the API design in the context of the clou	d?	
 Because SaaS products, which are growing in popularity, usually o 	offer APIs	•
Because cloud systems work best with REST APIs		
 Because the microservices architecture is adopted more frequentle 	(v	
Bedause the microsof vices aromicestare is daupted more frequents	,	
Your answer is correct.		
The correct answers are: Because SaaS products, which are growing in popularity, usually offer A	ADIc	
	APIS,	
Because the microservices architecture is adopted more frequently		
Question 7		
Correct		
Mark 0.40 out of 0.40		
Monitoring of the virtual host is useful to ensure:		
knowing your current price to pay		
knowing your current price to pay		
knowing the size of the database		
if provider respects contracts (SLA)	•	
knowing when to scale (up/down, in/out)	✓	,
Your answer is correct.		
The correct answers are:		
if provider respects contracts (SLA),		
knowing when to scale (up/down, in/out)		

13/01/2021 Exam: Attempt review Question 8 Correct Mark 0.40 out of 0.40 Packet mirroring in cloud network can be useful for: boosting traffic performance security analysis anomaly detection bug testing Your answer is correct. The correct answers are: security analysis, bug testing, anomaly detection Question 9 Correct Mark 0.40 out of 0.40 OpenID Connect is a(n): SSO protocol Authorization protocol built on top of OAuth 2.0 Inter-service communication protocol Authentication protocol built on top of OAuth 2.0

Your answer is correct.

The correct answer is:

Authentication protocol built on top of OAuth 2.0

13/01/2021 Exam: Attempt review Question 10 Partially correct Mark 0.27 out of 0.40 Among the techniques for achieving high availability are: real time operating system floating/elastic IP multi availability zones multi region Your answer is partially correct. You have correctly selected 2. The correct answers are: multi region,

multi availability zones,

floating/elastic IP

Question 11 Correct

Mark 0.40 out of 0.40

Which are two effective measures to improve infrastructure security?

Reduce the attack surface as much as possible

■ Implement OAuth 2.0

MFA for the development team

MFA for the users

Your answer is correct.

The correct answers are: MFA for the development team,

Reduce the attack surface as much as possible

13/01/2021 Exam: Attempt review Question 12 Correct Mark 0.40 out of 0.40 Which of the following represent HTTP safe methods? HEAD ✓ GET PATCH POST Your answer is correct. The correct answers are: GET, HEAD Question 13 Partially correct Mark 0.20 out of 0.40 Why would you consider GraphQL instead of REST? Because it scales better

Because it scales better
 Because it has built in introspection
 Because we can specify which fields to fetch leading to lower data usage

Your answer is partially correct. You have correctly selected 1.

Because it is easier to cache

The correct answers are:

Because we can specify which fields to fetch leading to lower data usage,

Because it has built in introspection

13/01/2021 Exam: Attempt review Question 14 Correct Mark 0.40 out of 0.40 OAuth 2.0 is a(n): User management service Multi-factor authentication service Authentication protocol Authorization protocol Your answer is correct. The correct answer is: Authorization protocol Question 15 Partially correct Mark 0.20 out of 0.40 Which two options of the following could be considered identity providers (IdP)? SaaS services Social platforms such as Facebook and Google Resource Servers Custom built OpenID Connect systems Your answer is partially correct. You have correctly selected 1. The correct answers are: Social platforms such as Facebook and Google, Custom built OpenID Connect systems

J1/2021 Exam:	Attempt review
Question 16	
Correct	
Mark 0.40 out of 0.40	
The relationship between TLS and SSL is:	
TLS is built on top of SSL	
TLS handles communication while SSL handles identity verification	
They are not related	
TLS is the successor of SSL	✓
Your answer is correct.	
The correct answer is:	
TLS is the successor of SSL	
Question 17	
Correct	
Mark 0.40 out of 0.40	
Which of the following is the availability formula used in cloud environme	nts?
availability=uptime/downtime+uptime	
availability=uptime/uptime+downtime	
availability=uptime/(downtime+uptime)	✓
availability=uptime/downtime	
Your answer is correct.	
The correct answer is:	
availability=uptime/(downtime+uptime)	

Question 18	
Partially correct	
Mark 0.13 out of 0.40	
Virtual CPUs might be:	
✓ logical core	~
first thread of each core	
timeshares of real CPU core	
physical core	
Your answer is partially correct.	
You have correctly selected 1.	
The correct answers are: timeshares of real CPU core,	
physical core,	
logical core	
Question 19	
Correct	
Mark 0.40 out of 0.40	
When can a service be considered serverless?	
When can a service be considered serverless? When the service can scale down to 0	~
	*
When the service can scale down to 0	* *
✓ When the service can scale down to 0✓ When you pay only for what you use	<!--</td-->
 When the service can scale down to 0 When you pay only for what you use When you don't have to setup any infrastructure 	
 When the service can scale down to 0 When you pay only for what you use When you don't have to setup any infrastructure 	
 ✓ When the service can scale down to 0 ✓ When you pay only for what you use ✓ When you don't have to setup any infrastructure ✓ When you don't have to provision capacity Your answer is correct. The correct answers are:	* * *
 When the service can scale down to 0 When you pay only for what you use When you don't have to setup any infrastructure When you don't have to provision capacity Your answer is correct. The correct answers are: When you don't have to setup any infrastructure,	* * *
 When the service can scale down to 0 When you pay only for what you use When you don't have to setup any infrastructure When you don't have to provision capacity Your answer is correct. The correct answers are: When you don't have to setup any infrastructure, When you don't have to provision capacity,	* * *
 When the service can scale down to 0 When you pay only for what you use When you don't have to setup any infrastructure When you don't have to provision capacity Your answer is correct. The correct answers are: When you don't have to setup any infrastructure,	* * *

13/01/2021 Exam: Attempt review Question 20 Correct Mark 0.40 out of 0.40 A resilient system is one that is: predictable self contained self managed self healing adaptive Your answer is correct. The correct answers are: adaptive, self healing, predictable Question 21 Partially correct Mark 0.20 out of 0.40 Asymmetric encryption is suited for: Small payloads Digital signatures (identity verification) High-performance compute Large payloads

Your answer is partially correct.
You have correctly selected 1.

The correct answers are:

Small payloads,

Digital signatures (identity verification)

Question 22
Correct
Mark 0.40 out of 0.40
In which case is a streaming parties made witches then a green?
In which case is a streaming service more suitable than a queue?
When we want to reduce the load on the clients
When we might want to replay previous messages/events
 When we don't want to store messages
When it's enough if the message is processed by at least one client
Your answer is correct.
The correct answer is:
When we might want to replay previous messages/events
Question 23
Correct
Mark 0.40 out of 0.40
Which is the optimal approach for the least privilege principle when admin rights are required?
Create a dedicated admin user used only when needed
 Enable MFA
Relax the security policies when needed
Relax the security policies when needed
Leverage features that enable just-in-time privileges
 Leverage features that enable just-in-time privileges Your answer is correct.
 Leverage features that enable just-in-time privileges Your answer is correct. The correct answer is:

graph, columnar, document, key-value

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