Congratulations! You passed!

O Keep running even when there are no requests

Grade received 90% Latest SubmissionTo pass 70% orGrade 90%higher

Go to next item

1.	Cloud Native Computing Foundation (CNCF) defines 'serverless' as the concept of building and running applications that do not require management.	1/1 point	
	network		
	O database		
	server		
	O backend		
	 Correct Correct Correct. Serverless computing is an advancement of standard cloud computing, which abstracts both 		
	infrastructure and software environments. Hence taking away the responsibility of managing those components, while focusing purely on the business logic.		₽
2.	Cloud provider is responsible for which of the following components in the Serverless model? Select three answers.	1/1 point	
	✓ Storage		
	Correct Correct. You manage only the Application layer, while the cloud provider manages the Storage layer, making it easy to store and read the data or static files.		
	✓ os		
	Network		
	Correct Correct. You manage only the Application layer, while the cloud provider manages the Networking layer, giving you the connectivity and security required.		
	Application		
3.	is a Serverless computing constraint.	1/1 point	
	O Idle time		
	Vendor lock-in		
	C Language independence		
	○ Scalability		
	 Correct Correct. Dependencies on cloud providers' technologies or environments lead to vendor lock-in risks. 		
4.	Managing which one of the following is your responsibility in a Serverless computing model?	1/1 point	
	○ Hardware		
	Operating System		
	O Deployment		
	Code		
	 Correct Correct. Serverless architecture is a cloud computing model in which developers focus on writing high-quality code. 		
5.	Which one is the key characteristic of a function in FaaS model?	1/1 point	
	Scale automatically and independently as required		

O Let you define your infrastructure		
O Be stateful		
Correct Correct. Since the functions are stateless, small, and independent pieces of code, they can be scaled automatically, independently, and instantaneously, as required. If demand drops, they automatically scale back down.		
6. A is an independent unit of execution and deployment in the Serverless Framework.		
	1/1 point	
○ Service		
© Event		
Resource		
Function		
Correct Correct. A function is merely code, deployed in the cloud, that is most often written to perform a single task. Each function is an independent unit of execution and deployment, like a microservice.		
7. What is the responsibility of the Front End in a Serverless Architecture?	1/1 point	
○ Store data		
Host static content and scripts		
O Provide scaling		
O Host business logic		
Correct Correct. The front-end application contains all the static content generated using the Create React App, which works with the help of HTML files, CSS for styling, JavaScript to run on the client, and images.		
Nou could use messaging to notify multiple subscribers You enable access to backend You could apply artificial intelligence or image recognition to upload images You could provide user registration and authentication Correct	1/1 point	
Correct. Post-processing could be done asynchronously for example to detect if there are any shadows on your passport photo.		
9. Which is the key characteristic of IBM Cloud Functions?	1/1point	
Limited integration options No disaster recovery		
Cost-Effective and Highly Available		
No debugging capabilities		
Correct Correct. With IBM Cloud Functions you only pay for what time you use down to one-tenth of a second. Cloud Functions supports high availability to avoid a single point of failure. Customer data, such as action code, is automatically synchronized different zones.		
10. The Knative platform is offered by which service provider?	0 / 1 point	
Open-source option for Serverless Offered by Microsoft Azure		
Offered by Microsoft Azure Offered by Amazon AWS		
Offered by Google Offered by Google		
⊗ Incorrect Incorrect. Review Popular Serverless Platforms video.		