## Congratulations! You passed!

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## Go to next item

1.	In the US National Institute of Standards and Technology (NIST) definition of "cloud computing," what does the statement "shared pool of configurable computing resources" include?	1 / 1 point
	<ul> <li>Leverage cloud services over the open internet on hardware owned by the cloud provider</li> </ul>	
	Oata security, associated with loss or unavailability of data causing business disruption	

- Networks, servers, storage, applications, and services
  - **⊘** Correct

models

Correct! Networks, servers, storage, applications, and services are all recognized as computing resources that can be configured as needed and shared.

Five essential characteristics, three deployment models, three service

2. What two tasks do hypervisors accomplish? (Select two.)

1/1 point

Separates VMs logically and assigns each a share of the underlying computing power, memory, and storage.

	<ul> <li>✓ Correct! Hypervisors logically separate virtual machines, assigning each their slice of the underlying computing power, memory, and storage, preventing the virtual machines from interfering with each other.</li> <li>✓ Enable multiple operating systems to run alongside each other, sharing the same physical computing resources.</li> <li>✓ Correct</li> <li>Correct! A hypervisor is a small software layer that enables multiple</li> </ul>	
	<ul> <li>operating systems to run alongside each other, sharing the same physical computing resources.</li> <li>Scale on demand to support fluctuating workloads.</li> </ul>	
3.	The Clitake having sart d Analytican aver formary ting teacher old gives the sthe sale was the sale with the sale was t	1 / 1 point
	Cloud resources are offered in a single-tenant model	
	The power and scale of cloud resources	
	Correct  Correct! Emerging technologies such as IoT, AI, Blockchain, and  Analytics generate unprecedented data. Cloud provides the scalability  and processing power required to gather, store, and process this data.	
	Cloud offers on-demand computing	
	Correct  Correct! Cloud resources scale up and down in response to the workload demand, with users paying only for resources that they use. This makes it cost-viable for organizations to leverage emerging technologies on the cloud.	
	Computing resources can be accessed via an internet connection	
4.	What is the three-way symbiotic relationship between IoT, AI, and Cloud?	1 / 1 point
	Al consumes the data produced by IoT devices	

3 of 6 23/10/23, 15:22

operating systems on a single host.

nodes simultaneously makes it an ideal solution for shared storage requirements.

9.	What are two key elements of a Hybrid Multi-cloud strategy? (Select two.)	1/1 point
	A Hybrid Multi-cloud strategy embraces a mix of cloud models and services if they are from the same cloud service provider	
	For seamless working, it is recommended that if you're subscribed to the infrastructure services of a cloud provider, you should subscribe to the application services provided by the same vendor.	
	A Hybrid Multi-cloud strategy connects an organization's on-premises private cloud and third-party public cloud into a single infrastructure	
	Correct  Correct! A Hybrid Multicloud strategy allows you to work across public and private clouds, behaving like they are part of the same infrastructure.	
	A Hybrid Multi-cloud strategy allows you to leverage the best of cloud models and services across different cloud providers so that your applications and workloads work seamlessly across multiple clouds	
	Correct! A Hybrid Multi-cloud implies that you can work across cloud models and service providers without being locked into a specific vendor or model.	
10	. What are two benefits of using microservices architecture? (Select two.)	1/1 point
	Each microservice of an application needs to use the same stack and runtime environment	
	Components facing varied amounts of load can be scaled independently	
	Correct  Correct! Each component can be scaled independently, reducing the waste and cost of scaling entire applications.	

23/10/23, 15:22 5 of 6

<b>~</b>	Application components can be developed and updated independently of each other
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**⊘** Correct

Correct! Microservices are function-specific independent components that can be developed and updated by multiple developers working independently on the individual components.

☐ Each line of code for a microservice needs to be written from scratch