AWS Academy Cloud Architecting - Module 6 Challenge Lab Questions

View questions in: <u>English</u>

Question 1: What is the purpose of the internet gateway in the public subnet?

○ Allows instances in the private subnet to obtain a public IP address
○ Allows instances in the public subnet to obtain a public IP addresss
◉ Allows instances in the public subnet with a public IP address to communicate with the internet
○ Allows instances in the private subnet with a public IP address to communicate with the internet

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Question 2: What allows the instance in the private subnet to connect to the internet so that it can download updates?

○ The internet gateway in the public subnet
◉ The NAT gateway
○ The Elastic IP address
○ The default network ACL

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Question 3: Can the instance in the private subnet be accessed directly from the internet?

○ Yes
◉ No

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Question 4: Why do you use two different key pairs to access the private instance and the bastion host?

○ Each instance needs a different key pair
○ It provided practice with creating key pairs
◉ Separate key pairs could help reduce the impact of a compromised bastion host
○ Key pairs can't be reused

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Question 5: Can the bastion host use ping and get a reply from the instance in the private subnet?

○ Yes
◉ No

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Question 6: Which security group rules allow the private EC2 instance to receive the return traffic when it pings the test instance?

○ Outbound on private and outbound on test
◉ Outbound on private and inbound on test
○ Inbound on private and outbound on test
○ Inbound on private and inbound on test

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