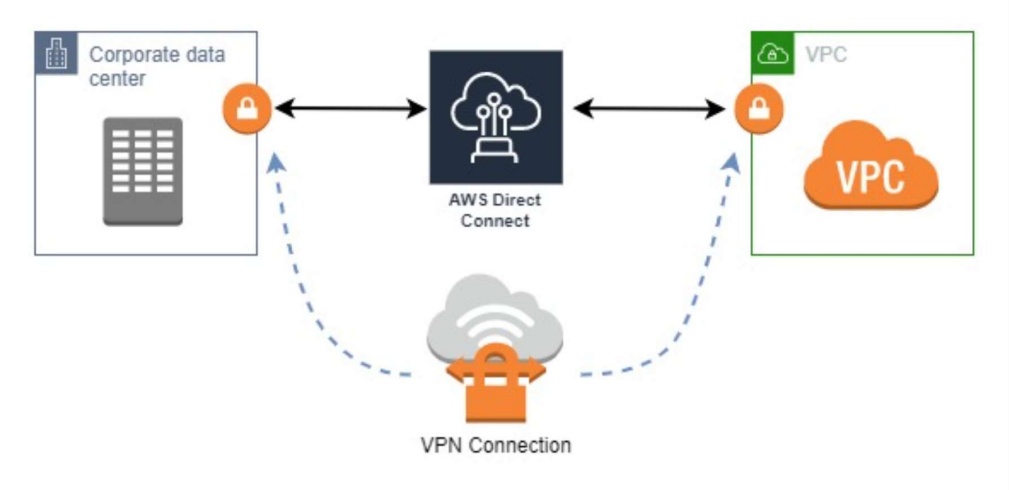
notes

Notebook:	solutions profissional_ef8e1c0f-5d3c-42ab-ab04-9217e53e12cd		
Created:	20/11/2025 16:33	**Updated:**	08/12/2025 00:17
Author:	erikachen19@gmail.com		

To maintain high availability but reduce costs, you can use a single ***AWS Direct Connect*** to create a dedicated private connection from your data center network to your Amazon VPC and then combine this connection with an ***AWS-managed VPN connection*** to create an IPsec-encrypted connection as a backup connection. If the Direct Connect connection fails, you still have a managed VPN to connect to your Amazon VPC, albeit with a slower connection. This will suffice until your Direct Connect connection is restored.



Therefore, the correct answer is: **A single AWS Direct Connect and an AWS managed VPN connection to connect your data center with Amazon VPC.** The AWS Direct Connect connection will provide the high-speed bandwidth network required while having the VPN as the slower backup link in

12. QUESTION

A company develops Docker containers to host web applications on its on-premises data center. The company wants to migrate its workload to the cloud and use AWS Fargate. The solutions architect has created the necessary task definition and service for the Fargate cluster. For security requirements, the cluster is placed on a private subnet in the VPC that has no direct connection outside of the VPC. The following error is received when trying to launch the Fargate task:

```
CannotPullContainerError: API error (500): Get https://111122223333.dkr.ecr.us-east-1.amazonaws.com/v2/: net/http: request canceled while waiting for connection
```

Which of the following options should be able to fix this issue?

- Update the AWS Fargate task definition and set the auto-assign public IP option to DISABLED. Launch a NAT gateway on the public subnet of the VPC and update the route table of the private subnet to route requests to the Internet.
- Update the AWS Fargate task definition and set the auto-assign public IP option to ENABLED. Create a gateway VPC endpoint for Amazon ECR. Update the route table to allow AWS Fargate to pull images on Amazon ECR via the endpoint.
- Update the AWS Fargate task definition and set the auto-assign public IP option to DISABLED. Launch a NAT gateway on the private subnet of the VPC and update the route table of the private subnet to route requests to the Internet.
- This is a limitation of the " `awsvpc` " network mode. Update the AWS Fargate definition to use the " `bridge` " network mode instead to allow connections to the Internet.