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Q1. You will choose an \_\_\_\_\_, since it supports path based routing, which means it can take decisions based on the URL, therefore if your task needs image rendering it will route it to a different instance, and for general computing it will route it to a different instance.

## Options

- Classic Load Balancer
- Application Load Balancer
- Internal Classic Load Balancer
- CloudFront distribution



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Q2. Which of these following are the component of Amazon VPC

**Options**

- A Virtual Private Cloud &Subnet
- Hardware VPN Connection
- Internet Gateway,NAT Gateway&Virtual Private Gateway
- All of the above

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SH

Sharath Chandran Nair



Instructions

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Q3. The best way of connecting to your cloud resources from your own data center is a \_\_\_\_\_. Once you connect your datacenter to the \_\_\_\_\_ in which your instances are present, each instance is assigned a private IP address which can be accessed from your datacenter. Hence, you can access your public cloud resources, as if they were on your own network.

Select correct option to complete above statement.

Options

 VPC S3 EC2 IAM

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- Q4. An application consists of the following architecture:  
b. The EC2 Instances are launched via an Auto Scaling Group.  
updates from the internet.  
the NAT instance, it has been decided to use a NAT Gateway. How should this be implemented?

- a. EC2 Instances are in multiple AZ's behind an ELB.  
c. There is a NAT instance used so that instances can download  
Due to the high bandwidth being consumed by

## Options

- Use NAT Instances along with the NAT Gateway.
- Migrate the NAT Instance to NAT Gateway and host the NAT Gateway in the public subnet.

- Host the NAT instance in the private subnet.
- Convert the NAT instance to a NAT Gateway.

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Q5. What is a primary reason why you should be using an elastic load balancer?

Options

- ELBs help you scale easily without manual intervention
- ELBs provide elasticity by directing traffic to a minimum number of instances required to handle the traffic load
- ELBs help tighten security through the use of security groups
- ELBs boost your website's overall performance

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Q6. You are responsible for your company's AWS resources, and you notice a significant amount of traffic from an IP address in a foreign country in which your company does not have customers. Further investigation of the traffic indicates the source of the traffic is scanning for open ports on your EC2-VPC instances. Which one of the following resources can deny the traffic from reaching the instances?

## Options

 I will go and add a new Security group I would configure Network ACL rules that will help me deny traffic Configuration NAT instance would be best as it would cover all security requirements. I would go and configure Amazon VPC endpoint