AWS CSA-Pro Reviews ACloudGuru Section 3 Networking Part 2

What is an Internet Gateway? What are some benefits of it?

What are the 2 purposes of an Internet Gateway?

What is an Egress-only Gateway? Why would you use it?

What is a NAT Instance?

What is a NAT Gateway?

What is the differences of availability between a NAT Instance and a NAT Gateway? What about bandwidth? What about maintenance? How does performance differ? Which one do you need an EIP for? Can you attach a Security Group or use either as a bastion server?

What does most specific route for an address win mean in terms of routing tables?

What is border gateway protocol? When is it required? What ports do you need to use it?

What is dynamic routing?

How does it work with a VPN connection and a Direct Connect connection?

What is Enhanced Networking?

What are the 2 driver types for Enhanced Networking?

What are Placement Groups? What are the 2 types?

When would you use either type? What are their pros and cons?

What can you do with Route 53?

What are the routing policies and what does each mean? Why would you use each?

What is CloudFront and what can it be used for?

Which service integrates with CloudFront to use your custom domain for encryption in transit?

What is SNI? What is the all clients option? Why would you do either?

What are the 3 types of Elastic Load Balancers?

What protocols can each use?

Which Elastic Load Balancer can you do path-based routing with? Which ones can you use for SSL offload? SNI? Sticky sessions? Which ones can use an EIP? Which one can use User Auth?

When would you use an Application Load Balancer?

When would you use a Networking Load Balancer?

What are Sticky Sessions? Why are they important and when would you use them?