AWS CSA-Pro Reviews ACloudGuru Section 3 Networking Part 1

What are the 7 layers of the OSI model and what is an example of each layer? What layers does AWS control and which layers do you as the customer control?

What is unicast vs multicast? Which one is not supported in AWS and why?

What are the differences between TCP, UDP, and ICMP? What are examples of each?

What are ephemeral ports? How do they work? Why do they matter on the outbound more than inbound traffic?

How are AWS AZs defined when a customer creates an account? Why is that?

What is the managed VPN connection? When should you use it? What are some pros of it? What are some cons of it?

How would you go about implementing a managed VPN connection? What about for redundancy?

What is a customer gateway? What is a virtual private gateway? Where are each attached?

What is the Direct Connect connection? When should you use it? What are some pros of it? What are some cons of it?

How would you go about implementing a Direct Connect connection?

What is the Direct Connect plus VPN connection? When should you use it? What are some pros of it? What are some cons of it?

What does the architecture look like?

What is the VPN Cloudhub connection? When should you use it? What are some pros of it? What are some cons of it?

What does the architecture look like?

What is the Software VPN connection? When should you use it? What are some pros of it? What are some cons of it?

What is the Transit connection? When should you use it? What are some pros of it? What are some cons of it?

What is VPC Peering? When should you use it? What are some pros of it? What are some cons of it?

How do you set it up?

What is the AWS Private Link? When should you use it? What are some pros of it? What are some cons of it?

What are the 2 types of VPC endpoint? What are their differences from an architecture standpoint, security standpoint, and which services each support?

What is a best practice when it comes to VPC endpoint policies?