

The model answer is just one way of architecting a solution for this scenario. There are many ways to do it and this solution is by no means the “best” way.

What is important for this task is to provide an explanation as to why you’ve chosen the services that you have, and to provide a diagram showing how the different services will work together.

In this scenario, a containerised architecture seemed like a good fit because they wanted the solution to be built in a modular fashion to help development cycles within different teams be more efficient, hence the use of containerisation. Due to the use of containers, utilising EKS seemed like a good fit because Kubernetes is a well-known service for orchestrating container-based applications.

The other services are quite self-explanatory. DynamoDB is a reasonable document store offering from AWS so it fits the bill. Route 53 is a service that you can use to route traffic from a domain name to a load balancer, such as the proposed one.