What is mule soft

Mule soft is a middleware technology to integrate 2 different applications

Ex:- kafka is acting like a middle ware used to integrate 2 applications, like web methods ,TIBCO,IBUS

Many types of integrations available

1. A2A- Appn to appn integration
2. B2B – business to buiness

Mule is a light weight java based ESB (enterprise service bus), runtime engine of any-point platform & integration platform

Allows developers to connect to appns quickly

Using this

1. We can design our api’s (but generally we can design using REST/SOAP na?)-if we design using mule who will consume it
2. If u want to talk to a web service, then talk via mule api.
3. Based on the message content, we can route the incoming message to another appn- based on the header we can route
4. We can do message transformations- if source sys send in xml, mule can transform to json and send it
5. If u want to talk to database also, we can go via mule, it has inbuilt adapters, transformers to transform data acc to target systems(for this we already have jdbc, not sure why we need mule still)

Components of mule

1. Runtime plane
2. Control plane
3. Design center- is like IDE to create our own apis-like soap or REST api’s
4. Anypoint exchange- is like a market place for connectors, templates, examples, api’s-where other persons can use

We can share our assets(which are all mentioned above) here

1. Runtime manager- to deploy our apns
2. API Manager- to secure our api’s –we can create api’s, if some apis are already existing and hosted somewhere, just import those WSDL api’s .

Anypoint studio is like a IDE to create mule projects (here u can use drag and drop also)

Terminologies

1. Here Data weave is the expression language