SOA

SOA - Service Oriented AEchitechlie

soft is an architecture design which includes collection of services in NIW which communicate with each other. The complication of each service is not noticeable to other services. The service is a kind of operation which is well defined, self contained that provides separate functionality such as checking contained account details, print bank statements etc. So does not depend on the stee of other services.

Why we use SOA

- SOA is widely used in market which zesponds quickly be makes effective changes according to market setuations.
- SOA keep secret the implementation details of subsystems.
- It allows interaction of new channels with customers, parteners & suppliers

it authorizes the companies to select stwore how of their choice as it is acts as platform independence.

Features of SOA:

System.

- SOA communicate customers, providers se suppliers whith mages by ewing the XML Schema.

- It uses mersage monitoring to improve the performance measure-ments be detects the security attacks.

be lower s/w development & mgnt

Advantages of SOA

existing system attemately building the new system.

- it allows plugging in new services or upgrading existing services to place the new businers requirement

- It can enhance the performance functionality of a service to easily makes the system experade.

So A has capability to adjust or modify the different enternal environments be leagle applications can be managed easily.

The companies can develop applys without Explained the existing apply.

The provides reliable applies in which you can test so debug the independent services easily as compared to large no. of code.

Disadvantages of SOA.

SOA required high investment cost.

Thue is gleater overhead when a service interact with another service which increases the response time & machine loud while validating the input parameters.

SOA is not suitable for GUI appli which will become more complex when the SOA Eequized the heavy data exchange.