

what is the Role of JZFF is distributed computing

1) TIEE provides a programming model based upon web and business component that are managed

by two J2EE application server.

ii) The application Server consists of many APIS and two level services available two component these low level servicess provides. security transaction connection & instant pading & concurrency Servicess,

ii) The JZEE Provides two interfaces to connect with varius barkedes two interfaces & pto connect with varius bankend legacy & info system. 12EE also provides ecellement client connectivity capability ranging from PDA to web browser to rich

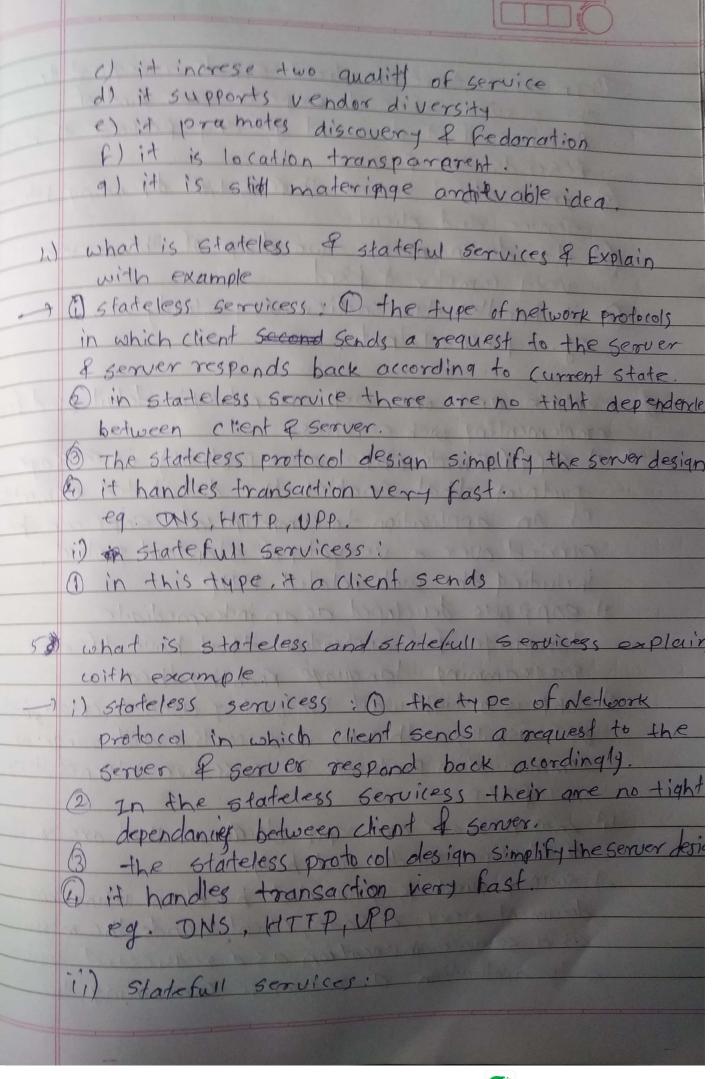
iv) the JZFE artic or chitecture is physically devided into three tiers.

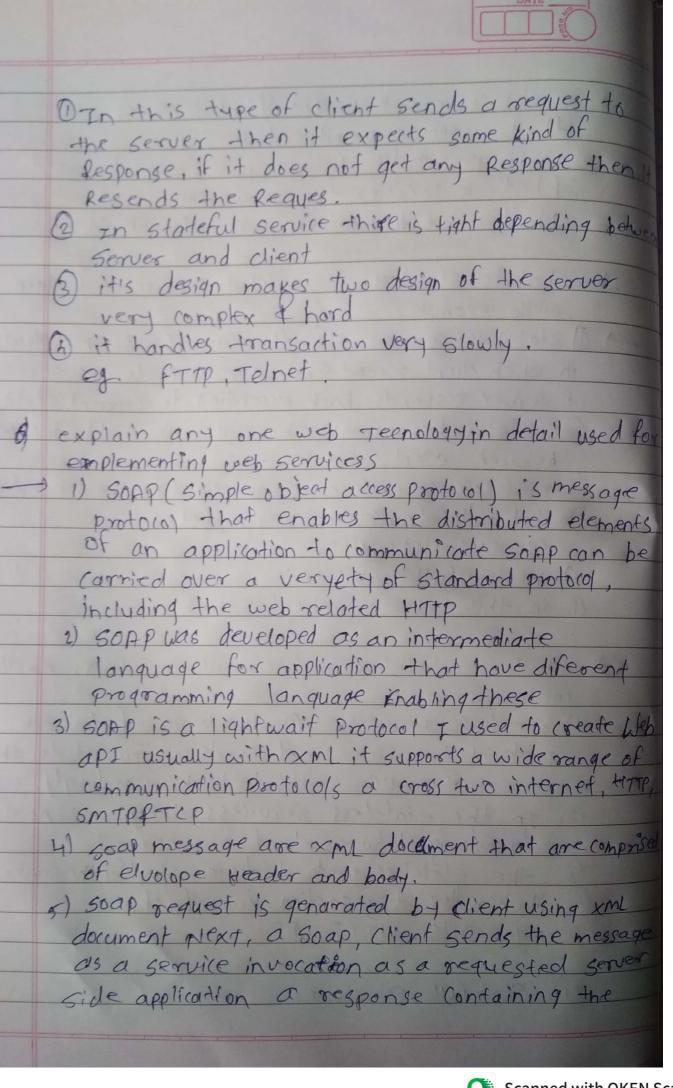
@ presentation tier: this tier is composed of web components which handle HTTP response, session management, device independent content dilivery.

(6) Application tier: Application tier deals with two loves business logic processing which may typically dealy with workflow & automation.

(a) interaction tier! this tier deals with connection & communication system to (bank and enterprise information system (EJS) detabase application & legacy application and mainfrome application.

2) explain the use of xml in destributed compa 7 xML is the endensible markup language i) The Simplicity of XML in combination with web has opened up New possibilities for moving data & for building New posibilities for moving data & for building new application architecture centered around common interpet protocok The changes include: 1 A reduced dependence propritery data Fermants for application. (2) A New way to do B2B data exchange using XIVL insted of of two formates defined by beaditional GOI System. 3 A Shift from relying on tightly coupled system such as copra, RMI & Drom to a more loosely coupled internet based framework centered around XNL & Soap. a A change in folus from object oriented to service - priented. 5) the emergence of web services as technology For discovering & connecting to internet base services. 37 what is services oriented architecture? Explaint Key characteristics? -) i) the SOA is essentially a collection of services. these services communication with each other iil the son has following characteristics. al it suports lose coupling everywhere inth beolect. 61 SDA Suport interoperability.







requested parameter return value and data for the client is returned first to the soop handler & then to the requesting client.

78 what are RPCS

1) it is defined as a request response based sylvonous communication when the dient sends arequest, the dient wait until a response it sent back from the server before counting and operation.

2) the RPCS based tools services are highly coupled fare implementing with semote object of the client application.

3) the (lient has capacibility to provide prameters in methord (and to the web servicess provider then client invokes the web services by sending parameters to the provider. that executes the requested methors then send back the return value #5 additionaly using a RPC based communication model both the service provider & requester con resister & discover services.

what are the Features of SOFP

i) sopp is a communication protocol & is used for communication between applications.

ii) soup is a format for sending massages (iii) SEAP #atform independent & language indipendent.

iv) soap & based on XMLsecurity & ws-routing are among the cringions under development SOAP is simple & extensible

VI SOAP can be used over any transport protocol such as HTTP, SMTP, TCP & JMS. Soap always youto get around that fire walls.