10

Local Server-6(100%)

Staging Server(real host-dummy url)-www form-3

Production Server (Live)-1

Shared

Dedicative

Req-> HTTP

Response->JSON, XML, TXT Message

API-> SOAP (XML), REST(JSON)

Client-----------------server

Webserices&API

Application Programming Interface

SOAP-Simple Object Access Protocol

REST- Represent State Transfer

Json-java Script Object Notation

SOAP-API

REST-API

Core API –Web Services code and Server Scripting Code->ASP, jSP, PHP

Supporting API-Mainly support to perform specific task

Third party API- Inbuilt Developed API

API & Web Services

Protocol->SOAP& REST

SOAP->Slow, Security High, Mobile Environment Delay

REST-> Fast, Security Less, Mobile Environment Fast

HTTP Request Method:

1.GET-view

2.POST-Create

3.PUT-Edit or Update(Major)

4.Patch- Edit or Update(Minor)

5.Delete-Remove

REST->Postman

SOAP-> SOAPUI

Rest Assured API(Selenium Client API)

JMETER->REST,SOAP