Hosting a Web Services

G. RAGHAVENDRA MCA
Hosting a Web Service

1. What is Web Service
2. Web Page
3. Types of web hosting
4. Web service providers
5. Infrastructure requirement
Web Service

- Web services are self-contained, modular, distributed, dynamic applications that can be described, published, located, or invoked over the network to create products, processes, and supply chains. These applications can be local, distributed, or web-based.
# Web Services

## Web Service Roles

- Service Provider
- Service Requestor
- Service Registry

## Web Service Components

- XML (Extensible Markup Language)
- SOAP (Simple Object Access Protocol)
- WSDL (Web Services Description Language)
- UDDI (Universal Description, Discovery, and Integration)
Web Service Diagram

- UDDI
  - What do they do?
  - Who's asking?
  - List of your services?

- WSDL
  - Here's what they do...

- SOAP
  - Let's talk XML buddy

- Service User

- Web Service
Hosting a Web Service

- Web (Internet) hosting service that allows individuals and organizations to make their website accessible via the World Wide Web.
Types of Web hosting

- Website Builders
- Shared Hosting
- Dedicated Hosting
- Collocated Hosting
Domain Name Server (DNS)

- It is very difficult to keep in mind the IP addresses of all the websites we visit daily.
- This is where domain names come into the picture.
## Top 20 web hosting services providers for small business

- InMotion Hosting
- HostGator
- 1&1
- InterServer
- HostFav
- WP Neuron
- Limitless Hosting
- HostSlayer VPS
- QuickBooks Hosting
- WebHost.UK.Net
- PlotHost
- SiteGround
- Dreamhost
- Arvixe
- iPage
- Namecheap
- HostMonster
- Hostwinds
- Bluehost
- A2 Hosting
India Web services provider

### Basic Web Hosting
- Unlimited Web Space
- Unlimited Bandwidth
- Control Panel Access
- 1 Domain
- Unlimited Sub-Domains
- Unlimited Emails
- Unlimited Databases
- 250+ Free Script Installs

**Rs.120/mo** (All Inclusive)

### Silver Web Hosting
- Unlimited Web Space
- Unlimited Bandwidth
- Control Panel Access
- 3 Domains
- Unlimited Sub-Domains
- Unlimited Emails
- Unlimited Databases
- 250+ Free Script Installs

**Rs.220/mo** (All Inclusive)

### Happy Customers
- Of the web hosting companies actually located in India, these guys have the best servers and customer service. Their customer service is good by any standard.

  **M Yitzhak Samuel**

You are one awesome. Best建议!
Travel Website Design

Website Type: E-Commerce Enabled, Mobile Website

Looking for an attractive travel portal development service provider? Your search ends at Skypoint India E Services Pvt Ltd. We provide you with the best travel website design that more..

Skypoint India E Services Private Limited
Kolkata, Kolkata

Website Hosting Services

Service Duration: Linux

Backed ourselves with qualified personnel, we are engaged in offering Web Hosting Solutions to our clients at most effective rates. Right from creative website designing up to creating a complex web hosting service to more..

Relevant Vintrade Private Limited
Salt Lake City, Kolkata

Web Services

Service Duration: 1 Month

Requirement Details: AWS

Website Portal Development Services

Website Type: Personal/Portfolio Website, Mobile Website, E-Commerce Enabled
Hardware Requirement

For 5 Concurrent Users-
- **CPU**: 2 x Intel Core 2 (2.66 Ghz, 128K cache)
- **RAM**: 4GB
- **Minimum database space**: 10GB

For 25 Concurrent Users-
- **CPU**: Quad 2GHz+ CPU
- **RAM**: 6GB
- **Minimum database space**: 10GB.
Hardware Requirement

5 Concurrent Users
- 1GHz+ CPU
- 512MB RAM
- 20MB database space
- 300MB disk space

25 Concurrent Users
- Dual 2GHz+ CPU
- 2GB+ RAM
- 80MB database space
- 1GB disk space
1. **Directory** (http://uddi.microsoft.com)
   - The client attempts to locate an XML Web service.
   - A URL to a discovery document is linked.

2. **Discovery** (http://www.contoso.com/default.disco)
   - The client requests the discovery document.
   - The discovery document is returned.

3. **Description** (http://www.contoso.com/MyWebService.WSDL)
   - The client requests the service description.
   - The service description is returned.

4. **Wire Format**
   - The client requests the XML Web service.
   - The service response is returned.
security

- Confidentiality
- Authentication
- Network Security
Feature: Web Service Security

Client WS-Security:
- Sign
- Encrypt
- Add Auth Token
- Check Signature
- Decrypt

Server WS-Security:
- Check Auth Token
- Decrypt
- Check Signature
- Encrypt
- Sign

- Access Control (Aucn/Auzn)
- Message Confidentiality
- Message Integrity

- OOTB security policies
  - WLS policies
  - OWSM policies