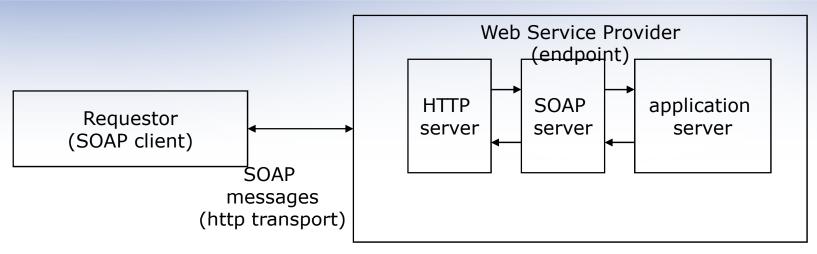- Application Server (web service-enabled)
  - provides implementation of services and exposes it through WSDL/SOAP
  - implementation in Java, as EJB, as .NET (C#) etc.
- SOAP server
  - implements the SOAP protocol
- HTTP server
  - standard Web server
- SOAP client
  - implements the SOAP protocol on the client site