

# Part: 1

1. Server-side processes have access to the server's resources, such as its CPU, memory, and storage, as well as any databases or other servers that the web application uses. Client-side processes, on the other hand, have access only to the resources of the user's device, such as its CPU, memory, and storage
2. The method designates the type of request being made to the web server. The most common types of request methods are GET and POST but there are many others, including HEAD, PUT, DELETE, CONNECT, and OPTIONS. GET and POST are widely supported while support for other methods is sometimes limited but expanding
3. JavaScript Object Notation (JSON) is a standard text-based format for representing structured data based on JavaScript object syntax. It is commonly used for transmitting data in web applications (e.g., sending some data from the server to the client, so it can be displayed on a web page, or vice versa)
4. Example of middleware

For example, a web server is a middleware that connects websites to the backend database. When you submit a form on a website, your computer sends the request in XML or JSON to the web server.