5 KEY REST Principal

1

Statelessness

Rule: Every request from the client must contain all the information needed.

2

Resource-Based

Rule: Everything important is a resource (like users, orders, or products)

3

Use of HTTP Methods

Rule: Use standard HTTP methods to interact with resources.

- GET → Read
- POST → Create
- PUT/PATCH → Update
- DELETE → Remove

4

Client–Server Architecture

Rule: Keep client and server independent.

Meaning:
The client handles the interface; the server handles data.

5

Layered System

Rule: REST can include multiple layers (like cache, proxy, or database).

Meaning:
The client doesn't know how many layers exist.