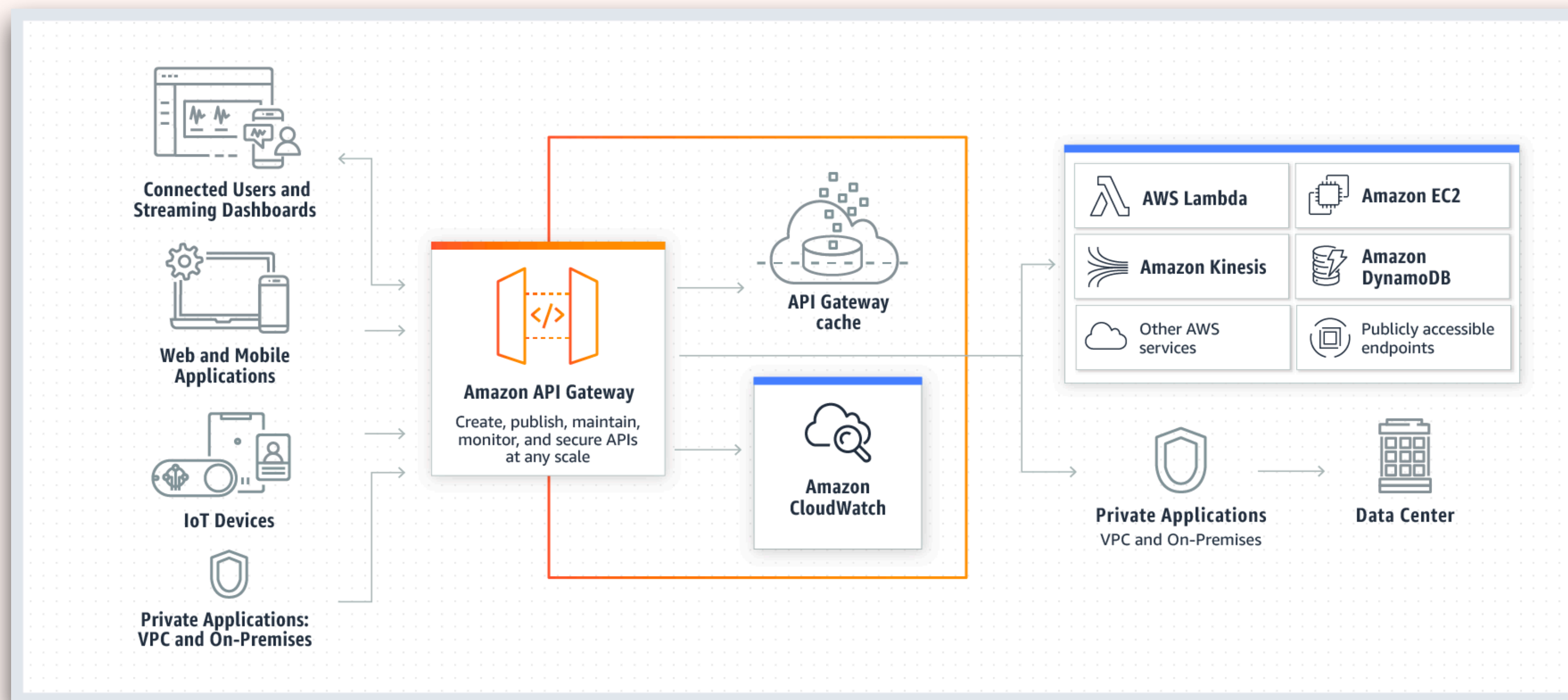

JAVASCRIPT

API

- API is an application programming interface. It is a set of rules that allow programs to talk to each other. The developer creates the API on the server and allows the client to talk to it.



REST API

- REST (RESTful) is the general principles of organizing the interaction of an application/site with a server using the HTTP protocol.
 - All interaction with the server is reduced to 4 operations (4 is a necessary and sufficient minimum, in a specific implementation there can be more types of operations):
 - fetching data from the server (usually in JSON or XML format)
 - adding new data to the server
 - modification of existing data on the server
 - deleting data on the server
-

DESIGN

REST API Design

GET	/tasks - display all tasks
POST	/tasks - create a new task
GET	/tasks/{id} - display a task by ID
PUT	/tasks/{id} - update a task by ID
DELETE	/tasks/{id} - delete a task by ID

