1. What is Swagger?

Answer: "Swagger, now known as the OpenAPI Specification, is a tool used for documenting and defining

RESTful APIs. It provides a standardized format, usually in JSON or YAML, to describe the structure,

endpoints, request parameters, and responses of an API. The primary purpose of Swagger is to

enhance API development by offering a clear and machine-readable documentation that helps

developers understand how to interact with the API without diving into the source code.

Additionally, Swagger facilitates collaboration between front-end and back-end teams and

enables the automatic generation of client libraries and server stubs, saving time and reducing

errors in the implementation process."

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2. What is OpenAPI?

OpenAPI is an API description format for REST APIs and also allows us in describing our entire

APIsuch as Available Endpoints and Operations on each endpoint operations parameters like

Input and Output for each operation.

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3. Why use OpenAPI?

Answer: OpenAPI, formerly known as Swagger, is used for API documentation and design.

Using OpenAPI offers several benefits:

Standardization: Ensures a consistent and standardized way to describe APIs, making it

easier for developers to understand and implement.

Documentation: Automatically generates interactive and human-readable documentation,

improving communication and collaboration among development teams.

Client Generation: Allows automatic generation of client SDKs in various programming languages,

reducing development effort and potential errors.

Code Generation: Supports code generation for server stubs, helping in the quick implementation

of API endpoints.

Validation: Enables validation of API requests and responses against the defined specification,

ensuring adherence to the API contract.

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4. What is Swagger Editor?

Answer: Swagger Editor is used in designing, defining and documenting RESTful APIs in

Swagger Specification.It also helps in bringing the Swagger Editor, UI, Codegen Tools in

cloud as an integrated API Design and Documentations