API Endpoint:

POST http://localhost:9000/api/subscribers

Authentication:

HTTP Basic Authentication with username and password.

Request Headers:

Content-Type: application/json

Accept: application/json

Request Body:

json

{

"email": "subsriber@domain.com",

"name": "The Subscriber",

"status": "enabled",

"lists": [1],

"attribs": {

"city": "Bengaluru",

"projects": 3,

"stack": {

"languages": ["go", "python"]

}

}

}

Example Request:

curl -u 'username:password' 'http://localhost:9000/api/subscribers' -H 'Content-Type: application/json' \

--data '{"email":"subsriber@domain.com","name":"The Subscriber","status":"enabled","lists":[1],"attribs":{"city":"Bengaluru","projects":3,"stack":{"languages":["go","python"]}}}'

Response:

HTTP Status Code: 200 OK for successful requests.

Response Body: JSON object with subscriber details or an error message in case of failure.

Successful Response:

json

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{

"subscriber\_id": "123",

"email": "subsriber@domain.com",

"name": "The Subscriber",

"status": "enabled",

"lists": [1],

"attribs": {

"city": "Bengaluru",

"projects": 3,

"stack": {

"languages": ["go", "python"]

}

}

}

Error Response:

json

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{

"status": "error",

"message": "Invalid request payload. Please check the provided data.",

"details": {

"field": "email",

"issue": "Email address is required."

}

}

Error Handling:

The API should handle various error scenarios and provide detailed error messages. Common HTTP status codes for errors include:

400 Bad Request: Invalid request payload or parameters.

401 Unauthorized: Authentication failure.

403 Forbidden: The authenticated user does not have permission to perform the operation.

404 Not Found: The requested resource or endpoint does not exist.

500 Internal Server Error: An unexpected error occurred on the server.