**CVE API Documentation**

**Overview**

The CVE (Common Vulnerabilities and Exposures) API provides access to CVE data stored in a MongoDB database. This API allows users to retrieve CVE information, including CVE ID, year, score, and last modified date. The API supports pagination and filtering based on CVE ID.

**Base URL**

The base URL for accessing the CVE API is:



**Endpoints**

**1. Welcome Message**

**Endpoint**



**Description:** This endpoint provides a welcome message when accessed.

**Response:**

A screenshot of a computer

Description automatically generated

**2. Retrieve CVE Data**

**Endpoint**

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**Query Parameters**

* **page** (optional): Page number for pagination (default: 1)
* **limit** (optional): Number of CVEs per page (default: 10)
* **cveId** (optional): Filter CVEs by CVE ID

**Description:** This endpoint allows users to retrieve CVE data. It supports pagination and filtering by CVE ID.

**CVE Object Structure**

* **cveId**: String - CVE ID
* **year**: Number - Year of the CVE
* **score**: Number - Score of the CVE
* **lastModified**: Date - Last modified date of the CVE

If the **cveId** query parameter is provided and no matching CVE is found, the response will be:

* **Status Code**: 404 Not Found
* **Content**: **{ "error": "CVE not found" }**

If an internal server error occurs, the response will be:

* **Status Code**: 500 Internal Server Error
* **Content**: **{ "error": "Internal Server Error" }**

**Examples**

**Retrieve CVE Data**

**Request**

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**Filter CVE Data by CVE ID**

**Request**

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**Description:** This documentation provides details on how to retrieve CVE data for the specific CVE ID **CVE-1999-0095**.

**Response**

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