

# Endpoints

## Create a New Agent

- **URL:** `/api/agent/new`
- **Method:** **POST**
- **Description:** Create a new agent and store its information in a MySQL database.
- **Request Body:**
  - **versionOS** (required): The version of the operating system running on the agent.
  - **host** (required): The host name or IP address of the agent.
  - **hookUser** (required): The hook user of the agent.
- **Response:**
  - Status Code: **200 OK** on success, **400 Bad Request** if parameters are missing or invalid, **500 Internal Server Error** if an error occurs during database insertion.
  - Response Body:

```
{
  "data": {
    "id": "<agentId>",
    "publicKey": "<publicKey>"
  },
  "error": {}
}
```

- **Example:**

```
POST /api/agent/new HTTP/1.1
Host: localhost:5000
Content-Type: application/json
```

```
{
  "versionOS": "1.0",
  "host": "example.com",
  "hookUser": "john.doe"
}
```

## Upload a File

- **URL:** `/api/file/upload/:user_folder`
- **Method:** **POST**
- **Description:** Upload a file and save it in the specified user folder.
- **Request Parameters:**
  - **user\_folder** (required): The user folder to which the file should be uploaded.
- **Request Body:**
  - The file to be uploaded should be sent as **multipart/form-data** with the file field name set to **file**.
- **Response:**
  - Status Code: **200 OK** on success, **400 Bad Request** if no file is uploaded.
  - Response Body:

```
{
  "data": {
    "success": "<filename> uploaded successfully."
  },
  "error": {}
}
```

- **Example:**

```
POST /api/file/upload/123 HTTP/1.1
Host: localhost:5000
Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7MA4YWxkTrZu0gW

-----WebKitFormBoundary7MA4YWxkTrZu0gW
Content-Disposition: form-data; name="file"; filename="example.txt"
Content-Type: text/plain

This is the content of the file.

-----WebKitFormBoundary7MA4YWxkTrZu0gW--
```

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