Versalence Backend API

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Agency Sync

API URI

```
https://api.versal.one/<uuid>
```

Method

```
POST /agency/sync
```

Description

This API synchronizes agency data using a unique identifier (`uuid`). The client must provide an authorization token to access this endpoint. The API responds with success, error, or status messages based on the input and server-side processes.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	Bearer token for authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Query Parameters

Parameter	Type	Description	Constraints
`uuid`	String	Unique identifier for the agency.	Required. Must be a valid UUID format.

Response Codes

Status Code	Description
`200`	Sync completed successfully. Returns a success message.
`400`	Bad request. The `uuid` parameter is missing or invalid.
`403`	Access forbidden. Invalid HMAC signature.
`404`	No agency found with the provided `uuid`.

Status Code	Description
`500`	Internal server error. Something went wrong on the backend.

Example Requests

Request (Sync Agency):

```
POST /53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/sync
Authorization: Bearer 5395b6a27b61
```

Response (Sync Complete - 200):

```
{ "status": true, "message": "Sync Complete" }
```

Response (Missing UUID - 400):

```
{ "success": false, "message": "Bad Request: Missing uuid parameter" }
```

Response (Invalid HMAC - 403):

```
{ "success": false, "message": "Forbidden: Invalid HMAC signature" }
```

Response (Not Found - 404):

```
{ "success": false, "message": "No company found with the provided uuid" }
```

Response (Server Error - 500):

```
{ "status": false, "message": "Something went wrong on the backend" }
```

Notes

- **Authentication**: The authorization token must be valid. If it is missing or invalid, the request will fail.
- **Field Validation**: Ensure the `uuid` parameter is correctly formatted as a valid UUID.
- **Error Handling**: For 500 errors, consult server logs for debugging.

Agency Template Reporting

API URI

```
https://api.versal.one/<uuid>
```

```
POST /agency/template
```

Description

This API enables agencies to submit and track template information. The client must provide a valid `uuid` as a query parameter and include the template details in the request body. If the `wam_id` is not provided, the template will automatically be reported as failed.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	Bearer token for authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Query Parameters

Parameter	Type	Description	Constraints
`uuid`	String	Unique identifier for the agency.	Required. Must be a valid UUID format.

Request Body Parameters

Field	Type	Description	Constraints
`template_name`	String	Name of the template to be tracked.	Required.
`phone_number`	String	Phone number associated with the template.	Required.
`wam_id`	String	Unique identifier for the WhatsApp template. If not provided, the template will be reported as failed.	Optional.

Response Codes

Status Code	Description
`403`	Forbidden. Invalid HMAC signature.
`400`	Bad request. Missing `uuid` parameter or required fields in the request body.
`404`	No company found with the provided `uuid`.
`500`	Failed to save data to MongoDB or process the template data.

Example Requests

Request (Track Template):

```
POST 53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/template
Authorization: Bearer 5395b6a27b61
{
 "template_name": "savetem",
 "phone_number": "6363978748",
 "wam_id": "wamkskdfj-lkskfdkskf"
}
```

Response (Success - 200):

```
{ "success": true, "message": "Template data processed successfully" }
```

Response (Missing UUID - 400):

```
{ "success": false, "message": "Bad Request: Missing uuid parameter" }
```

Response (Missing Fields - 400):

```
{ "success": false, "message": "Template name and phone number are required" }
```

Response (Invalid HMAC - 403):

```
{ "success": false, "message": "Forbidden: Invalid HMAC signature" }
```

Response (No Company Found - 404):

```
{ "success": false, "message": "No company found with the provided uuid" }
```

Response (MongoDB Failure - 500):

```
{ "success": false, "message": "Failed to save data in MongoDB. Please try again later." }
```

Response (Unexpected Error - 500):

```
{ "success": false, "message": "An unexpected error occurred while processing the template data. Please try again later." }
```

Notes

- **Authentication**: The authorization token must be valid and properly formatted. Invalid or missing tokens will result in a 403 error.
- **Field Validation**: The `template_name` and `phone_number` fields are required for this request.
- **WAM ID Handling**: If `wam_id` is not provided, the template will automatically be reported as failed.
- **Error Handling**: For 500 errors, consult server logs for more details.

Agency Campaign Creation

API URI

```
https://api.versal.one/<uuid>
```

```
POST /agency/createCampaign
```

Description

This API allows agencies to create a campaign by specifying a name, schedule type, and other campaign details. The client must provide a valid `uuid` as a query parameter. Only accepted variables will be processed, and all user-defined variables must match the expected format.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	Bearer token for authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Query Parameters

Parameter	Type	Description	Constraints
`uuid`	String	Unique identifier for the agency.	Required. Must be a valid UUID format.

Request Body Parameters

Field	Type	Description	Constraints
`name`	String	Campaign name.	Required. Must be unique.
`template_payload`	Object	Template details for the campaign.	Required. Must include user-defined variables matching `body_variable` and `header_variable`.

Field	Type	Description	Constraints
`schedule_type`	String	Type of schedule for the campaign.	Required. Allowed values: `"once"`, `"recurring"`.
`days`	Object	Days and times for a recurring schedule.	Required for `"recurring"` schedules. Must include days (e.g., `"monday"`) with an array of times.
`schedule`	String	Date and time for the campaign.	Required. Must follow a valid datetime format.

Response Codes

Status Code	Description
`201`	Campaign successfully created.
`400`	Bad request. Missing required fields, invalid `schedule_type` , or user-defined variables mismatch.
`403`	Forbidden. Invalid HMAC signature.
`404`	No company found with the provided `uuid`.
`409`	Conflict. Campaign name already exists.
`500`	Internal server error while saving the campaign.

Example Requests

Request (Carousel Template):

```
POST /53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/createCampaign
Authorization: Bearer 5395b6a27b61
{
 "name": "temp3",
 "template_payload": {
   "cards": [
     {
       "card_image_url": "https://example.com/image1.jpg",
       "card_body_variables": []
     },
     {
       "card_image_url": "https://example.com/image2.jpg",
       "card_body_variables": []
     }
```

```
    ],
    "image_url": "",
    "group_name": "test_group",
    "body_variable": [],
    "template_name": "carousel_milk",
    "header_variable": []
  },
  "schedule_type": "recurring",
  "days": {
    "monday": [
      "10:00"
    ],
    "wednesday": [
      "10:00"
    ]
  },
  "schedule": "2025-01-15 14:50"
}
```

Request (Header and Body Variables):

```
 POST /53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/createCampaign
 Authorization: Bearer 5395b6a27b61
 {
  "name": "temp3",
  "template_payload": {
    "image_url": "",
    "group_name": "Team Testing",
    "body_variable": [
      "world"
    ],
    "template_name": "test_template_1",
    "header_variable": [
      "hello"
    ]
  },
  "schedule_type": "once",
  "schedule": "2025-01-15 14:50"
}
```

Response (Created - 201):

```
{ "success": true, "message": "Campaign successfully created" }
```

Response (Missing Variables - 400):

```
{ "success": false, "message": "Name and Template payload are required for the campaign creation" }
```

Response (Invalid Schedule Type - 400):

```
{ "success": false, "message": "Schedule type should include only 'once' and 'recurring'." }
```

Response (Days Required for Recurring - 400):

```
{ "success": false, "message": "Days and Times are required for a recurring schedule." }
```

Response (Conflict - 409):

```
{ "success": false, "message": "Name already exists" }
```

Response (Internal Server Error - 500):

```
{ "success": false, "message": "An unexpected error occurred while saving the campaign. Please try again later." }
```

Notes

- **Authentication**: A valid authorization token is required for all requests.
- **Validation**: All user-defined variables must exactly match the template's `body_variable` and `header_variable`.
- **Recurring Schedules**: `days` and `times` must be included for `recurring` schedules; otherwise, the request will fail.
- **Conflict Handling**: Campaign names must be unique.

Agency Read Campaign

API URI

```
https://api.versal.one/<uuid>
```

```
GET /agency/getCampaignData
```

Description

This API retrieves campaign data for a specified agency using a unique identifier (`uuid`). It supports pagination for large datasets. A valid JWT token is mandatory for authentication and authorization.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	JWT token for authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Query Parameters

Field	Type	Description	Constraints
`uuid`	String	Unique identifier for the agency.	Required.
`page`	Integer	Page number for pagination.	Optional. Defaults to 1.
`limit`	Integer	Number of items per page.	Optional. Defaults to 10.

Response Codes

Status Code	Description
`200`	Success. Campaigns retrieved successfully.
`400`	Invalid pagination parameters or missing `uuid` parameter.
`403`	Forbidden: Invalid HMAC signature.

Status Code	Description
`404`	No campaigns found for the provided `uuid` or no company associated with the `uuid`.
`500`	An unexpected error occurred while fetching the campaigns.

Example Requests

Request:

```
GET 53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/getCampaignData?page=1&limit=10
Authorization: Bearer 5395b6a27b61
```

Response (200 - Success):

```
{
  "success": true,
  "message": "Campaigns retrieved successfully.",
  "data": [
    // List of campaigns
  ],
  "pagination": {
    "total": 100,
    "page": 1,
    "limit": 10,
    "totalPages": 10
  }
}
```

Response (400 - Invalid Parameters):

```
{
  "success": false,
  "message": "Invalid pagination parameters."
}
```

Response (403 - Forbidden):

```
{
  "success": false,
  "message": "Forbidden: Invalid HMAC signature."
}
```

Response (404 - No Campaigns Found):

```
{
  "success": false,
  "message": "No campaigns found for the given UUID."
}
```

Response (500 - Internal Server Error):

```
{
  "success": false,
  "message": "An unexpected error occurred while fetching the campaigns.",
  "error": "Error details here"
}
```

Notes

- **Authentication:** Ensure the JWT token is valid. Invalid or missing tokens will result in a 403 or 401 error.
- **Field Validation:** The `uuid` field is mandatory for this request.
- **Error Handling:** Review server logs for debugging 500 errors.
- **Pagination:** If the `page` or `limit` is invalid, a 400 error is returned.

Agency Read Campaign By Id

API URI

```
https://api.versal.one/<uuid>
```

```
GET /agency/getCampaign/<campaign id>
```

Description

This API allows fetching campaign details by providing the campaign `id` and the `uuid` of the company. The endpoint returns campaign data if found, otherwise, a message indicating no data found.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	JWT token for user authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Request Parameters

Field	Type	Description	Constraints
`id`	String	ID of the campaign to fetch.	Required.
`uuid`	String	UUID of the company or user associated with the campaign.	Required.

Response Codes

Status Code	Description
`200`	Success. Campaign data retrieved successfully.

Status Code	Description
`204`	No Content. No campaign found for the provided ID.
`400`	Bad Request. Campaign ID is required.
`401`	Unauthorized. Invalid or missing JWT token.
`404`	Not Found. No company found with the provided UUID or no campaign found with the ID.
`500`	Internal Server Error. An unexpected error occurred while fetching the campaign data.
`403`	Forbidden. Invalid HMAC signature.

Example Requests

Request (Get Campaign):

```
GET 53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/getCampaign/12345
Authorization: Bearer 5395b6a27b61
```

Response (Campaign Found - 200):

```
{
  "success": true,
  "message": "Successfully fetched campaign data.",
  "data": [
    {
      "id": "12345",
      "uuid": "53d1bcd3-aaf0-45e1-9298-5395b6a27b61",
      "name": "Campaign Name",
      "status": "active",
      "startDate": "2025-01-01",
      "endDate": "2025-12-31"
    }
  ]
}
```

Response (No Campaign Found - 204):

```
{
  "success": true,
  "message": "No campaign data found.",
  "data": []
}
```


Response (Missing Campaign ID - 400):


```
{
  "success": false,
  "message": "Campaign ID is required."
}
```


Response (No Company Found - 404):


```
{
  "success": false,
  "message": "No company found with the provided uuid"
}
```


Response (Internal Server Error - 500):


```
{
  "success": false,
  "message": "An unexpected error occurred while fetching the campaign by id. Please try again later."
}
```


Response (Invalid HMAC Signature - 403):


```
{
  "success": false,
  "message": "Forbidden: Invalid HMAC signature"
```

```
}
```

Notes

- **Authentication**: Ensure the JWT token is valid and authorized to access campaign data.
- **Validation**: Both `id` and `uuid` are required. Missing any of these will result in a 400 or 404 error.
- **Error Handling**: For any server errors (500), check the logs for detailed error information.

Agency Get Customers

API URI

```
https://api.versal.one/<uuid>
```

```
GET /agency/getCustomers
```

Description

This API allows fetching customer data for a specific company identified by its `uuid`. It returns customer information along with pagination details, such as the next and previous pages, if applicable.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	JWT token for user authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Request Parameters

Field	Type	Description	Constraints
`uuid`	String	UUID of the company whose customer data is to be fetched.	Required.

Response Codes

Status Code	Description
`200`	Success. Customer data retrieved successfully.
`403`	Forbidden. Invalid HMAC signature.
`400`	Bad Request. Missing `uuid` parameter or unable to fetch customer limit data.
`404`	Not Found. No company found with the provided UUID.

Status Code	Description
`500`	Internal Server Error. An unexpected error occurred while fetching customer data.

Example Requests

Request (Get Customers):

```
GET 53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/getCustomers
Authorization: Bearer 5395b6a27b61
```

Response (Customer Data Found - 200):

```
{
  "success": true,
  "message": "Customer data fetched successfully",
  "data": [
    {
      "id": "123",
      "name": "Customer A",
      "email": "customerA@example.com"
    },
    {
      "id": "124",
      "name": "Customer B",
      "email": "customerB@example.com"
    }
  ],
  "paging": {
    "before": 1,
    "after": 3
  }
}
```

Response (Missing UUID - 400):

```
{
  "success": false,
  "message": "Bad Request: Missing uuid parameter"
}
```


Response (No Company Found - 404):


```
{
  "success": false,
  "message": "No company found with the provided uuid"
}
```


Response (Unable to Fetch Customer Limit - 400):


```
{
  "success": false,
  "message": "Unable to fetch customer limit data"
}
```


Response (Invalid HMAC Signature - 403):


```
{
  "success": false,
  "message": "Forbidden: Invalid HMAC signature"
}
```


Response (Internal Server Error - 500):


```
{
  "success": false,
  "message": "An unexpected error occurred while fetching the customers. Please try again later.",
  "error": "Error details here"
```

```
}
```

Notes

- **Authentication**: Ensure the JWT token is valid and authorized to access customer data.
- **Validation**: The `uuid` is a required parameter. Ensure it's included in the request.
- **Error Handling**: For any server errors (500), check the logs for detailed error information.
- **Paging**: The response includes paging information to navigate through customer data.

Agency Get Campaign

API URL

```
https://api.versal.one/<uuid>
```

```
GET /agency/reportingCampaign
```

Description

This API allows fetching a report for a specific company, identified by its `uuid`. The response contains the report data if available. If the company or users are not found, the appropriate error message is returned.

Request Headers

Header	Type	Description	Constraints
`Authorization`	String	JWT token for user authentication and authorization.	Required. Must be in the format `Bearer [token]`.

Request Parameters

Field	Type	Description	Constraints
`uuid`	String	UUID of the company for which the report is to be fetched.	Required.

Response Codes

Status Code	Description
`200`	Success. Report data retrieved successfully.
`403`	Forbidden. Invalid HMAC signature.
`400`	Bad Request. Missing `uuid` parameter.

Status Code	Description
`404`	Not Found. No company found with the provided UUID or users not found for the given UUID.
`500`	Internal Server Error. An error occurred while fetching the report.

Example Requests

Request (Get Reporting Campaign):

```
GET /53d1bcd3-aaf0-45e1-9298-5395b6a27b61/agency/reportingCampaign
Authorization: Bearer 5395b6a27b61
```

Response (Report Found - 200):

```
{
  "success": true,
  "message": "Report retrieved successfully.",
  "data": {
    "reportId": "12345",
    "reportName": "Campaign Analysis",
    "details": "Report details here..."
  }
}
```

Response (Missing UUID - 400):

```
{
  "success": false,
  "message": "Bad Request: Missing uuid parameter"
}
```

Response (No Company Found - 404):

```
{
```

```
  "success": false,
  "message": "No company found with the provided uuid"
}
```

Response (Users Not Found - 404):

```
{
  "success": false,
  "message": "Users not found with the provided uuid"
}
```

Response (Invalid HMAC Signature - 403):

```
{
  "success": false,
  "message": "Forbidden: Invalid HMAC signature"
}
```

Response (Internal Server Error - 500):

```
{
  "success": false,
  "message": "An error occurred while fetching the report.",
  "error": "Error details here"
}
```

Notes

- **Authentication**: Ensure the JWT token is valid and authorized to access the reporting campaign data.
- **Validation**: The `uuid` parameter is required and should be provided in the request URL.
- **Error Handling**: If a 500 error occurs, check the error logs for details on what went wrong during the report retrieval process.