

**webMethods CloudStreams Provider for Zenefits**

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# Document Change History

|  |  |
| --- | --- |
| **Document revision date** | **Summary of changes** |
| January 2022 | First release of this document. |

# What is webMethods CloudStreams Provider for Zenefits?

Zenefits is a Software as a Service (SaaS) company that offers a cloud-based human resource information management (HCIM) platform to businesses for managing multiple HR services such as benefits, payroll, compliance, paid time off, health insurance, and more.

The system is also completely automated, eliminating any potential need for paperwork, filing or faxing, allowing business owners or internal HR teams to manage all their HR needs in one place. It also helps with on-boarding new employees, benefits administration, and tracking attendance.

# Steps to create the connector connection

Write down the steps to create the connection.

1. In Software AG Designer, go to **Window > Perspective > Open Perspective > CloudStreams Providers**
2. Create new “CloudStream Provider Project” **WmZenefitsProvider**

Graphical user interface, text, application

Description automatically generated

3. Enter Connector details as per below naming conventions

Graphical user interface, text, application

Description automatically generated

4. On connection screen select Authentication Type as ‘None’ and add Custom connection as below.

Graphical user interface, text, application, email

Description automatically generated

5. Create the resource by right clicking on the Resource folder and create resource, fill the resource path and REST method , once created add the information regarding to the parameter, header ,Body fields and value assignments for request and response tab for that particular operation like below.

Initialize Authorization like below

Graphical user interface, text, application

Description automatically generated

Add URL Parameter as shown below

Graphical user interface, application

Description automatically generated

Define Response structure as shown like below.

Graphical user interface, text, application, email

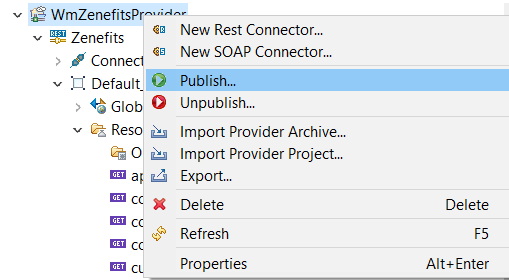
Description automatically generated

6. Add Cloud Tenant in designer as shown like below

Graphical user interface, text, application, email

Description automatically generated

7.Now publish the Cloud Stream connector after all the CRUD operations has been implemented.



Graphical user interface, text, application

Description automatically generated

Now below screenshot shows that it has been successfully Published to on premise and Cloud Tenants.

Graphical user interface, text, application

Description automatically generated

8. Now after publish cloud stream provider is visible in IS admin page as like below.

Graphical user interface, text, application

Description automatically generated

Connector shows as enabled if no issues observed.

Graphical user interface, text, application

Description automatically generated

Connector has been created in ‘TestZenefitsConnector’ package

Graphical user interface, application

Description automatically generated

9. Connector is visible in designer also like below

Graphical user interface, text

Description automatically generated

10. Now Create Connector services to test CRUD Operations in ‘TestZenefitsConnector’ package.

Graphical user interface

Description automatically generated with medium confidence

11. While creating above service assign resource name as like below

Graphical user interface, text, application

Description automatically generated

12. Now test the resource in designer using Connector service by giving input parameters and bearer token as shown like below.

Table

Description automatically generated with medium confidence

13. Below is the 200 response returned back as a result.

Graphical user interface

Description automatically generated

14. Now login to Cloud tenant to test cloud stream connector from wm.io using workflow.

A screenshot of a computer

Description automatically generated

15. Create Workflow as shown like below. In Workflow search for Zenefits Connector and add to the workflow.

Graphical user interface, text, application, chat or text message

Description automatically generated

Diagram

Description automatically generated

16. Add action as shown like below.

A picture containing timeline

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated with medium confidence

Also Zenefits connector in tenant is visible as shown like below

Graphical user interface, text, application, email, website

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

17. Now test it by specifying Authorization and parameters.

Graphical user interface

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

18. Also you can test the workflow as shown like below.

Diagram

Description automatically generated

19. Now Workflow testing also completed

Timeline

Description automatically generated with medium confidence

20. We can see workflow in monitor logs also as shown like below.

Graphical user interface, text, application, email

Description automatically generated

21. Also we can see all the workflows using this connector as shown like below.

Graphical user interface, text, application, email

Description automatically generated

22. This completes the testing of Cloud stream connectors in both on premise and cloud.

# webMethods CloudStreams Provider for <SaaS name> Connector

## Connector Details

The connector details include:

* **SaaS Provider**: WmZenefitsProvider
* **API Version**: 1.0
* **API Type**: rest
* **Developer**: Sirisha Kolanti
* **Group**: TeamFirst
* **CloudStreams Minimum Version Compatibility**: 10.11
* **Provider Package Name**: WmZenefitsProvider

### Supported Resources

List down resources supported by the provider:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Service: Bundle** | | | | |
|  | **Name** | **Path** | **Method** | **Description** |
| 1 | applications | https://api.zenefits.com/platform/applications | GET | Get all applications. |
| 2 | Company\_installs | https://api.zenefits.com/platform/company\_installs | GET | Get all company installs |
| 3 | Set Installation Custom Fields | https://api.zenefits.com/platform/company\_installs/{:install\_id}/fields\_changes/ | POST | Update custom fields based on install id |
| 4 | Set Installation Status | https://api.zenefits.com/platform/company\_installs/{:installation\_id}/status\_changes/ | POST | Update installation status based on install id |
| 5 | Person Subscriptions | https://api.zenefits.com/platform/person\_subscriptions | GET | Get information about the subscriptions for people |
| 6 | Set Subscription Custom Fields | https://api.zenefits.com/platform/person\_subscriptions/{:subscription\_id}/fields\_changes/ | POST | Update Subscription custom fields |
| 7 | Set subscription Status | https://api.zenefits.com/platform/person\_subscriptions/{:subscription\_id}/status\_changes/ | POST | Update Subscription Status |
| 8 | Flows | https://api.zenefits.com/platform/person\_subscriptions/{:subscription\_id}/flows | GET | Get information about the flows (e.g. hiring) completed by people who have added application |
| 9 | Set Flow Custom Fields | https://api.zenefits.com/platform/flows/{:subscription\_id}/fields\_changes/ | POST | Update custom fields in Zenefits applications |
| 10 | Trigger New Flow | https://api.zenefits.com/platform/flows/ | POST | Trigger collection of new information from a person |
| 11 | Companies | https://api.zenefits.com/core/companies | GET | Get information about a company |
| 12 | People | https://api.zenefits.com/core/companies/{:company\_id}/people | GET | Get information about a company's employees |
| 13 | Employments | https://api.zenefits.com/core/people/{:person\_id}/employments | GET | Get information about an employee's historical employment |
| 14 | Company Bank Accounts | https://api.zenefits.com/core/companies/{:company\_id}/company\_banks | GET | Get information about a company's bank account |
| 15 | Employee Bank Accounts | https://api.zenefits.com/core/people/{:person\_id}/banks | GET | Get information about an employee's bank account |
| 16 | Departments | https://api.zenefits.com/core/companies/{:id}/departments | GET | Get list of a company's departments |
| 17 | Locations | https://api.zenefits.com/core/companies/{:company\_id}/locations | GET | Get a list of a company's locations |
| 18 | Me | https://api.zenefits.com/core/me | GET | Get information about the currently authorized user |
| 19 | Labor Group Types | https://api.zenefits.com/core/labor\_group\_types | GET | Get information about a company's labor group types |
| 20 | Labor Groups | https://api.zenefits.com/core/labor\_group\_types/{:labor\_group\_type\_id}/labor\_groups | GET | Get information about a company's labor groups |
| 21 | Custom Fields | https://api.zenefits.com/core/custom\_fields | GET | Get information about a company's custom fields |
| 22 | Custom Field Values | https://api.zenefits.com/core/person/{:person\_id}/custom\_field\_values | GET | Get information about a person's custom field answers |
| 23 | Vacation Requests | https://api.zenefits.com/time\_off/vacation\_requests | GET | Get information about employees' PTO vacation requests |
| 24 | Vacation Types | https://api.zenefits.com/time\_off/vacation\_types | GET | Get information about a company's PTO vacation types |
| 25 | Time Durations | https://api.zenefits.com/time\_attendance/time\_durations | GET | Get information about a person's T&A hours |

### Usage Notes

When we register in Zenefits application we get only bearer token as shown like below. This token is valid since last 2 weeks now and no expiry observed.

All api’s are accessible using this token.

There are no client credentials or any refresh token has been shared to us during application registration.

Graphical user interface, text, application, email

Description automatically generated

All **GET action** API’s are returning **200 response** status where as we don’t have valid data to execute **POST operations**.

**As shown in below screenshot we are unable to add any new app in zenefits and update any data as it’s a paid service so that's why few of the post operations returns 404 NOT found Error**

Graphical user interface

Description automatically generated

Refer below link:

<https://developers.zenefits.com/docs/>

All the api’s mentioned in above url has been implemented and testing status is as like below with mentioned inputs.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.NO** | **api name** | **Status** | **Method** | **Testing in Designer** | **Testing in Cloud** | **Comments** |
| 1 | applications | Exists in Cloud | get | 200 response | 200 response |  |
| 2 | company\_installs | Exists in Cloud | get | 200 response | 200 response |  |
| 3 | core\_companies | Exists in Cloud | get | 200 response | 200 response |  |
| 4 | custom\_fields | Exists in Cloud | get | 200 response | 200 response |  |
| 5 | me | Exists in Cloud | get | 200 response | 200 response |  |
| 6 | person\_subscriptions | Exists in Cloud | get | 200 response | 200 response |  |
| 7 | time\_durations | Exists in Cloud | get | 200 response | 200 response |  |
| 8 | vacation\_requests | Exists in Cloud | get | 200 response | 200 response |  |
| 9 | vacation\_types | Exists in Cloud | get | 200 response | 200 response |  |
| 10 | labor\_group\_types | Exists in Cloud | get | 200 response | 200 response |  |
| 11 | labor\_groups | Exists in Cloud | get | 200 response | 200 response | id=0162e409127cfe88b936fd5dfccc3123 |
| 12 | set\_installation\_status | Exists in Cloud | post | 404 NOT Found | 404 NOT Found |  |
| 13 | company\_banks | Exists in Cloud | get | 200 response | 200 response |  |
| 14 | departments | Exists in Cloud | get | 200 response | 200 response | id=541003 |
| 15 | employee\_bank\_accounts | Exists in Cloud | get | 200 response | 200 response | person\_id=24991762 |
| 16 | employments | Exists in Cloud | get | 200 response | 200 response | person\_id=24991762 |
| 17 | flows | Exists in Cloud | get | 404 NOT Found | 404 NOT Found |  |
| 18 | locations | Exists in Cloud | get | 200 response | 200 response | company\_id=541003 |
| 19 | people | Exists in Cloud | get | 200 response | 200 response |  |
| 20 | set\_flow\_custom\_fields | Exists in Cloud | post | 400 Bad Request | 400 Bad Request | Response Added |
| 21 | set\_subscription\_custom\_fields | Exists in Cloud | post | 400 Bad Request | 400 Bad Request | Response Added |
| 22 | set\_installation\_custom\_fields | Exists in Cloud | post | 404 NOT Found | 404 NOT Found |  |
| 23 | set\_subscription\_status | Exists in Cloud | post | 404 NOT Found | 404 NOT Found |  |
| 24 | trigger\_new\_flow | Exists in Cloud | post | 400 Bad Request | An IO or timeout exception is encountered for invoke 'POST' method for connection alias |  |
| 25 | custom\_field\_values | Exists in Cloud | get | Unexpected character ('<' (code 60)): expected a valid value (JSON String, Number, Array, Object or token 'null', 'true' or 'false') | Unexpected character ('<' (code 60)): expected a valid value (JSON String, Number, Array, Object or token 'null', 'true' or 'false') | Returning HTML Response |