

App API Program – Data Services

Version: 4.0

Background

Midwinter has two API programs – V1 is available in XML (not covered in this document – please refer/request document API Program - Data Service API version 3.5.pdf)

This document covers APIV2 – which is in JSON and available on swagger (URLS provided in document)

Document control

Title	Name	Role
Head of Technology	Andrew McClelland	Approver
Senior Developer	Mark Farr	Approver
Solution Architect	Scott Munro	Reviewer

Document history

Version	Date	Author(s)	Description
3.5	13 / 06 / 2017	Eric Xu	Various updates.
4.0	05/02/2018	Sadia Arfana	New API version with swagger document

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Version	4.0
Author	Sadia Arfana
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Overview

The Midwinter Data Services API is a web services based API for integrating Midwinter's AdviceOS software with 3rd party data sources. The services are written in C# and are hosted on the Amazon Web Services platform (in Sydney region). Currently the API supports Request Response and RESTful calls.

Intended audience

This document is targeted at Development staff both Internal to Midwinter and 3rd party integrators. This documentation requires an understanding of the .Net framework and programming, API authentication, OAuth 2.0, JSON and Web Services.

Glossary

The following terms will be used throughout the document

Term	Description
AdviceOS	The application that hosts the web API outlined in this document
Source Application	The client application (3 rd party to AdviceOS) that is making/originating the AdviceOS call
Source Application User	The user (username and password) of the source application that is prompting the call (Note the application user is not an administration user)
Source Application ID	A client ID to identify the source application in AdviceOS
Source Application URL	A URL provided to AdviceOS that is used as part of the authorisation of each web API call.
Secret Key	A code provide to the Source Application (by AdviceOS) to use as part of the authorisation of each web API.



Token	A value generated by AdviceOS (using the Source application – ID and Secret Key) when the Source Application calls the security API using postman. The service can be accessed via Production: Http POST	
	https://adviceos.com.au/appapi/v1/security/token Staging: Http POST https://staging.adviceos.com.au/appapi/v1/security/token	
AdviceOS user	The corresponding user in AdviceOS (ie a Source Application user who has access to AdviceOS)	
OAuth	Framework used to authenticate a web service call between AdviceOS and the Source Application	
Swagger	across the entire API lifecycle. Midwinter provide the AdviceOS web App API documentation and specification in swagger for more technical details of request and responses. It helps developer to integrate their application with using our API. The service can be accessed via Production: https://adviceos.com.au/appapidocsui/index	
	Staging: https://staging.adviceos.com.au/appapidocsui/index	

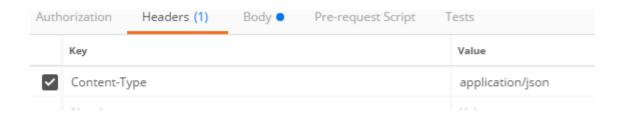


Authorisation

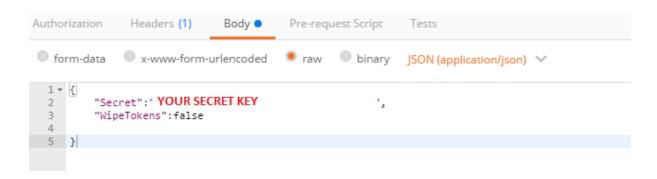
AdviceOS uses the Microsoft Identity Framework and implemented OAuth 2.0 Authorisation framework to authenticate and authorize each web App API call based on the originating source user. AdviceOS Authorize requests from the Source application, based on following process

The Source Application prepares a request for user authorisation or directly run the security API from postman. The request should contain Secret and WipeTokens (set value as false) in body as JSON format. Also need to set the header for 'Content-Type'.

Header:



Request body:



Note: Client Access Controls

- Each business or practice in the Source Application will need at least one of
 its users to have a token to ensure they can only access clients/Data in that
 business/practice in AdviceOS. I.e. the user that the token is created for
 dictates the client data that the source application can access in AdviceOS
 using that Token.
- If the authorisation request was valid (based on the user Secret), the client will receive a token in response.



- The Source client application will use this access token to Authorize calls to AdviceOS web App APIs from this user or (possibly any other user in the business with access to the clients in AdviceOS).
- The Client Application can create multiple token for one user based on the maximum limit which is fixed by Midwinter.

Client access permissions

The AdviceOS App APIs use the authenticated AdviceOS user to limit/restrict access (Read/write) to clients that the AdviceOS user can access. If the AdviceOS user cannot access the client via AdviceOS – then they will not be able to access the client (info) via a App API call. I.e. the same permissions that restrict access to clients in AdviceOS are used in the web service via the token that is used in the request.

This will generally mean that each adviser who has a log in to AdviceOS and a Login to the Source Application may need to authenticate and have a token generated. It is possible to have one user in the practice/business/client hierarchy be authenticated and all other user are provided that token to authenticate – however client access will always be restricted to the user that authenticated the token.



Partner application process

To be able to use the Midwinter Data Services – you must first register your application with Midwinter. We will then provide details on how to authenticate your calls to AdviceOS.

Item	Answer
Company Name	
Application Name	
Application return URL	
Expected go live date for first web service	
Company Contact IT Person	
Company Contact IT Email	
Company Contact IT Phone	
Existing Client Id (if any):	
Existing Client secret (if any);	

Please send information to amcclelland@midwinter.com.au sarfana@midwinter.com.au



Testing and development

Midwinter provides secure testing environments that uses real data (copy of live DB during a deployment). The authentication mechanisms are the same with just different URL's for testing.

The URL for the test environment is https://test.adviceos.com.au

The URL for staging environment is https://staging.adviceos.com.au

The URL for production is... https://adviceos.com.au

When a secret is requested – Midwinter will provide access to this testing environment only. A second request will be required to "open up"/allow the service to work in production for a particular partner.

For approved groups the following resources are made available:

- Documentation (this document) that includes calls and call parameters with example JSON
- Test URL's to real data (copy of live data based on release cycles)
- * Test Postman to test the web APIs request and response.
- Developer/BA support to assist (at call)

<u>Process for establishing a 3rd Party application as an approved partner to the AdviceOS web services</u>

- Request Approval to become a partner of Midwinter's API program
- Provide Midwinter with an Application Return URL
- Midwinter will provide a Source Application ID
- Midwinter will Provide a Source Application Secret Key
- Midwinter will provide an authorisation service (URL) for the Partner to use (staging environment
- * After the testing has been successful (for the partner application) Midwinter will provide access to the production environment (i.e. same URL without the ':1443' at the end).

Although Midwinter provides a public (open) API – it is required that every partner has a relationship with Midwinter before access will be granted (to the 3rd party application).

When developing a 3rd Party Application to consume AdviceOS web APIs – the following should be known/analysed first...



- Is the data required from the APIs, mastered in AdviceOS (or synchronised from 3rd party)?
- Will the 3rd party require identifiers (typically client identifiers) from 3rd party system to be persisted in AdviceOS or will it adopt AdviceOS identifiers?
- * User/adviser hierarchy will the 3rd party system force each user in a business to authenticate or have one user authenticate and other users in the business use that certificate?

To view the JSON for Midwinter services refer to this document. You can also see the details in swagger document and test using Postman.



Midwinter API - Swagger

The Midwinter Data Services 'App API' is a web services based API for integrating Midwinter's AdviceOS software with 3rd party data sources. Swagger documentation and functionality is integrated into the public API for rapid integration. The services are hosted on the Amazon Web Services platform (in Sydney region). Currently the API supports Request, Response and RESTful calls. Methods marked with ^ are in testing and those marked with ^ have been tested successfully.

This API documentation provides all the technical specification of APIs, request parameters and body, response body in more details. It helps other developers to integrate these App APIs to other applications. The services are accessible via –

Production:

https://adviceos.com.au/appapidocsui/index

Staging:

https://staging.adviceos.com.au/appapidocsui/index

Test:

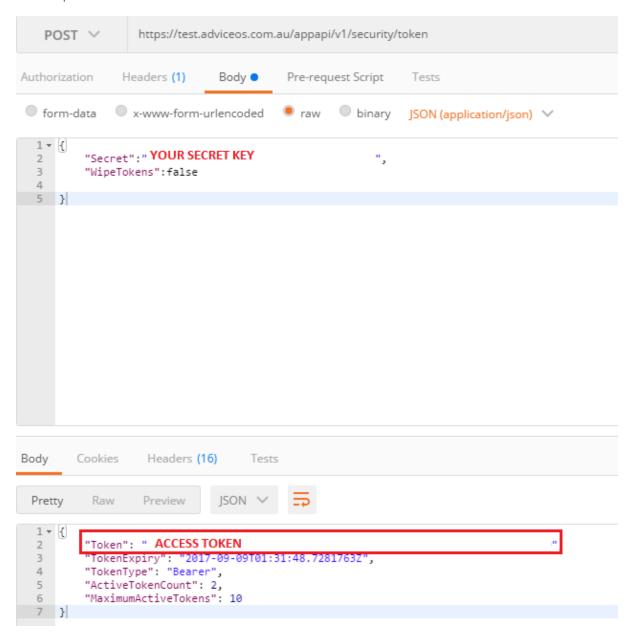
https://test.adviceos.com.au/appapidocsui/index

Midwinter API - Test Postman

The google Postman is a great resource to initiate your integration work and to aid in testing.

To access App API in postman – please use the token that is received from security API response.





The tool provides authenticated access (via Oauth or Forms) to the staging environment and the production environment.

Using the tool

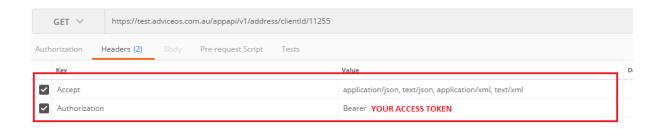
Follow these steps to use the tool -

Select the environment (Production – https://adviceos.com.au) or (Staging https://staging.adviceos.com.au)

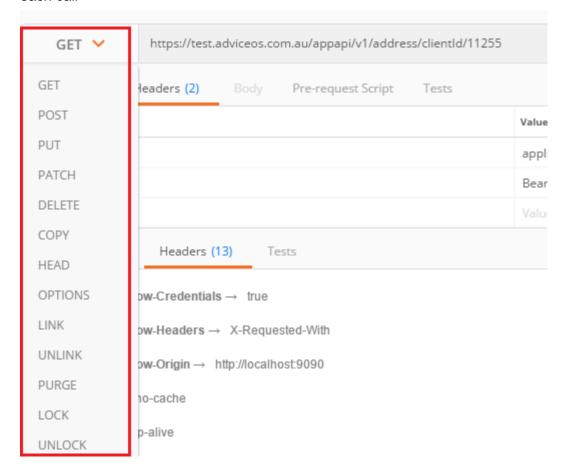




Use authentication details in header for all API (using Token that mentioned above)

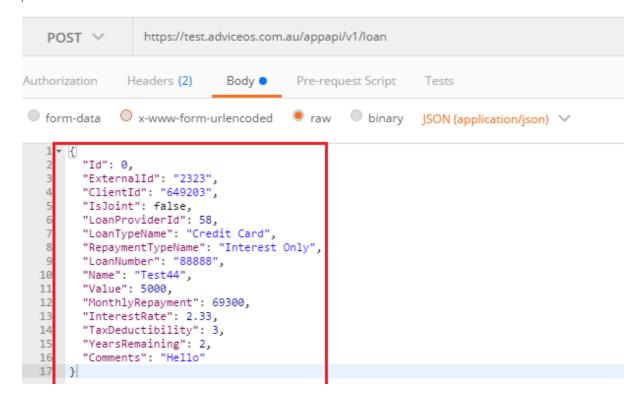


Select the HTTP request type – refer to the CRUD services section for more info on each call

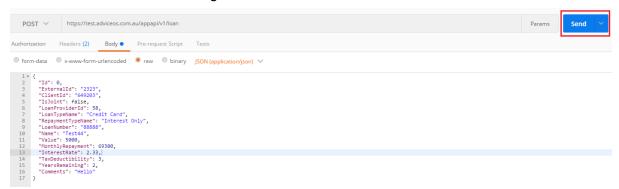


If you are testing a post (i.e. create or update) – enter the JSON in request body of Postman.



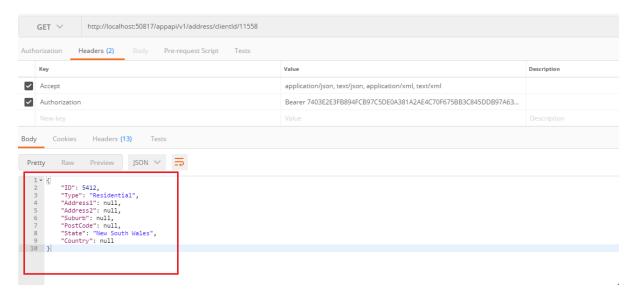


Press the Send button to the right



* It will show the outcomes at the bottom section of postman called response body.





Hints and tricks

The test App API is used internally for testing all our API services and response messages.

- If you are new ask for your SECRET key and then run security API to get the token. Then use that token for authorisation for all API in header that mentioned above.
- We will recommend using postman for API testing.
- To get started the best way to do it is to call a Get method.

Final warning on testing in the staging environment

The data in the test environment is reset (back to the production state) every day. If you create clients or make any changes to data in this test environment – IT WILL BE LOST in the next day.

- This may cause some confusion around testing so please be on the look at for it
- if you have created or changed data in test environment today, and you go back in tomorrow to do a "GET" and the data is no longer there - it maybe because a production release has gone out overnight (which automatically resets the data in the test environment).



AdviceOS APP APIs

The following are the list of API services available through the Midwinter APIs. Each service or resource can be consumed in different ways.

Root URL:

Production URL: https://adviceos.com.au
Staging URL: https://staging.adviceos.com.au

List of API services

Address

GET by clientId

URL: {RootURL}/appapi/v1/address/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Address/AddressApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/address/clientgroupId/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Address/AddressApi_GetByClientGroupId

CashFlow

GET by clientId and includeGroup

URL: {RootURL}/appapi/v1/address/clientgroupId/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Address/AddressApi_GetByClientId

POST

URL: {RootURL}/appapi/v1/cashFlow

Swagger: https://adviceos.com.au/appapidocsui/index#!/CashFlow/CashFlowApi Post

PUT by clientId

URL: {RootURL}/appapi/v1/cashFlow/ClientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/CashFlow/CashFlowApi_PutById

ClientEntity

GET by clientId

URL: {RootURL}/appapi/v1/clientEntity/ClientId/{clientId}



Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientEntity/ClientEntityApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/clientEntity/clientGroupId/{clientGroupId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/ClientEntity/ClientEntityApi GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/clientEntity

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientEntity/ClientEntityApi Post

PATCH by id

URL: {RootURL}/appapi/v1/clientEntity/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientEntity/ClientEntityApi PatchByld

PUT by id

URL: {RootURL}/appapi/v1/clientEntity/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientEntity/ClientEntityApi_PutById

ClientGroup

GET

URL: {RootURL}/appapi/v1/clientgroup

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi GetClientGroup

GET by clientId

URL: {RootURL}/appapi/v1/clientgroup/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_FindByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/clientgroup/clientGroupId/{clientGroupId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_FindByClientGroupId

<u>POST</u>

URL: {RootURL}/appapi/v1/clientgroup

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_Post

PATCH by id

URL: {RootURL}/appapi/v1/clientgroup/{id}



Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_PatchByld

PUT by id

URL: {RootURL}/appapi/v1/clientgroup/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_PutById

PUT by clientGroupId

URL: {RootURL}/appapi/v1/clientgroup/SwapClient/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi_SwapClient

PUT by clientGroupId and newMaritalStatus

URL: {RootURL}/appapi/v1/clientgroup/splitClient/{clientGroupId}/{newMaritalStatus}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi SplitClient

DELETE by clientGroupId

URL: {RootURL}/appapi/v1/clientgroup/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientGroup/ClientGroupApi DeleteByld

ClientInfo

GET

URL: {RootURL}/appapi/v1/clientinfo

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientInfo/ClientInfoApi_Get

GET by clientId

URL: {RootURL}/appapi/v1/clientinfo/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientInfo/ClientInfoApi_FindByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/clientinfo/clientGroupId/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientInfo/ClientInfoApi GetByClientGroupId

GET by adviserName

URL: {RootURL}/appapi/v1/clientinfo/adviserName/{adviserName}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientInfo/ClientInfoApi_GetByAdviserName

ClientPerson

GET by clientId

URL: {RootURL}/appapi/v1/clientPerson/ClientId/{clientId}



Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/clientPerson/clientGroupId/{clientGroupId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/clientPerson

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi Post

POST Join

URL: {RootURL}/appapi/v1/clientPerson/Join

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi_Join

PUT by clientld

URL: {RootURL}/appapi/v1/clientPerson/ClientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi PutById

PATCH by clientId

URL: {RootURL}/appapi/v1/clientPerson/ClientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/ClientPerson/ClientPersonApi_PatchByld

File

GET by fileId

URL: {RootURL}/appapi/v1/file/{fileId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_GetById

GET all by adviser/clientId/clientgroupId/folder

URL: {RootURL}/appapi/v1/file/GetAll/{adviser}/{clientId}/{clientGroupId}/{folder}

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_Get

GET upload URL by fileName

URL: {RootURL}/appapi/v1/file/GetURL/{fileName}

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_GetURL

POST - file upload

URL: {RootURL}/appapi/v1/file/FileUpload

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_Post_0



POST - file data

URL: {RootURL}/appapi/v1/file

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_Post

PUT by fileId

URL: {RootURL}/appapi/v1/file/{fileId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_Put

DELETE by fileId

URL: {RootURL}/appapi/v1/file/{fileId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/File/FileApi_DeleteByld

Holding

GET by id

URL: {RootURL}/appapi/v1/holding/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_FindById

GET by externalld

URL: {RootURL}/appapi/v1/holding/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi FindByExternalId

GET by accountNumber

URL: {RootURL}/appapi/v1/holding/accountNumber/{accountNumber}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi FindByAccountNumber

GET by clientId

URL: {RootURL}/appapi/v1/holding/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/holding/clientgroupId/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/holding

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_Post

PUT by id

URL: {RootURL}/appapi/v1/holding/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi PutByld



PUT by externalld

URL: {RootURL}/appapi/v1/holding/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_PutByExternalId

PATCH by id

URL: {RootURL}/appapi/v1/holding/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_PatchByld

PATCH by externalld

URL: {RootURL}/appapi/v1/holding/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_PatchByExternalId

DELETE by id

URL: {RootURL}/appapi/v1/holding/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi_DeleteByld

DELETE by externalld

URL: {RootURL}/appapi/v1/holding/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Holding/HoldingApi DeleteByExternalId

Insurance

GET by id

URL: {RootURL}/appapi/v1/insurance/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_FindById

GET by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_FindByExternalId

GET by policyNumber

URL: {RootURL}/appapi/v1/insurance/policyNumber/{policyNumber}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_FindByPolicyNumber

GET by clientId

URL: {RootURL}/appapi/v1/insurance/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/insurance/clientgroupId/{clientGroupId}



Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/insurance

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_Post

PUT by id

URL: {RootURL}/appapi/v1/insurance/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_PutByld

PUT by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_PutByExternalId

PATCH by id

URL: {RootURL}/appapi/v1/insurance/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_PatchByld

PATCH by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_PatchByExternalId

DELETE by id

URL: {RootURL}/appapi/v1/insurance/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/lnsurance/InsuranceApi_DeleteByld

DELETE by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_DeleteByExternalId

Loan

GET by id

URL: {RootURL}/appapi/v1/loan/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_FindById

GET by externalld

URL: {RootURL}/appapi/v1/loan/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_FindByExternalId

GET by loanNumber



URL: {RootURL}/appapi/v1/loan/loanNumber/{loanNumber}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_FindByLoanNumber

GET by clientId

URL: {RootURL}/appapi/v1/loan/clientId/{clientId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/loan/clientgroupId/{clientGroupId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/loan

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi Post

PUT by id

URL: {RootURL}/appapi/v1/loan/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi PutByld

PUT by externalld

URL: {RootURL}/appapi/v1/loan/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_PutByExternalId

PATCH by id

URL: {RootURL}/appapi/v1/loan/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi PatchById

PATCH by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi PatchByExternalId

DELETE by id

URL: {RootURL}/appapi/v1/loan/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_DeleteByld

DELETE by externalld

URL: {RootURL}/appapi/v1/loan/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Loan/LoanApi_DeleteByExternalId



PersonalAsset

GET by id

URL: {RootURL}/appapi/v1/personalasset/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_FindByld

GET by externalld

URL: {RootURL}/appapi/v1/personalasset/externalId/{externalId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_FindByExternalId

GET by clientId

URL: {RootURL}/appapi/v1/personalasset/clientId/{clientId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_GetByClientId

GET by clientGroupId

URL: {RootURL}/appapi/v1/personalasset/clientgroupId/{clientGroupId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi GetByClientGroupId

POST

URL: {RootURL}/appapi/v1/personalasset

Swagger: https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_Post

PUT by id

URL: {RootURL}/appapi/v1/personalasset/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_PutByld

PUT by externalld

URL: {RootURL}/appapi/v1/personalasset/externalId/{externalId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_PutByExternalId

PATCH by id

URL: {RootURL}/appapi/v1/personalasset/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_PatchByld

PATCH by externalld

URL: {RootURL}/appapi/v1/insurance/externalId/{externalId}

Swagger: https://adviceos.com.au/appapidocsui/index#!/Insurance/InsuranceApi_PatchByExternalId



DELETE by id

URL: {RootURL}/appapi/v1/personalasset/{id}

Swagger: https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_DeleteByld

DELETE by externalld

URL: {RootURL}/appapi/v1/personalasset/externalId/{externalId}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/PersonalAsset/PersonalAssetApi_DeleteByExternalId

Security

POST

URL: {RootURL}/appapi/v1/security/token

Swagger: https://adviceos.com.au/appapidocsui/index#!/Security/SecurityApi_Token

UserAccount

GET by userName

URL: {RootURL}/appapi/v1/useraccount/userName}

Swagger: https://adviceos.com.au/appapidocsui/index#!/UserAccount/UserAccount_GetByUserName

GET by crmUserName

URL: {RootURL}/appapi/v1/useraccount/crmUserName/{crmUserName}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/UserAccount/UserAccount_GetUserByCrmUserName

GET by primaryOfficeName

URL: {RootURL}/appapi/v1/useraccount/primaryOffice/{primaryOfficeName}

Swagger:

https://adviceos.com.au/appapidocsui/index#!/UserAccount/UserAccount_GetUsersByPrimaryOffice

POST

URL: {RootURL}/appapi/v1/useraccount/Get

Swagger: https://adviceos.com.au/appapidocsui/index#!/UserAccount/UserAccount_GetAllUsers



HTTP status code summary

HTTP Code	Description
200 Ok	Everything worked as expected.
401 Unauthorized	Access token is invalid or expired.
400 Bad Request	Invalid data.
402 Not Found	No link record exists for externalld for this user.
403 Forbidden	Authentication was provided, but the authenticated user is not permitted to perform the requested operation.
500 Internal Server Error	Something wrong in API server.

Error Result messages

If there was an error in executing services, the error description will be presented in response. The list below is the list of possible common errors in App API service.

Service Name/mehtod	Error Description	Cause
Common Errors		
Get(ID)	No link record exists for externalld { } for this user.	For Get(ID) calls the provided ID does not exist or user has not permission to access it.
Post(ID)	Entity to be updated from ID { } does not exist for this user.	For Post(ID) calls, there is no entity based on provided ID to be updated from XML or user has not permission to access it.



Delete(ID)	No Entity found for ID {}	For Delete(ID) calls, there is no entity based on provided ID or user has not permission to access it.
Put(ID)/Delete(ID)/Get(ID)	User doesn't have permission to access the client with ID .	The login user has no permission to the externalID that is provided.
Post/Put	{fieldname} data is not valid.	There are some master data fields are in payload which need to be match with Midwinter master data .The master data links are available in swagger model sample.