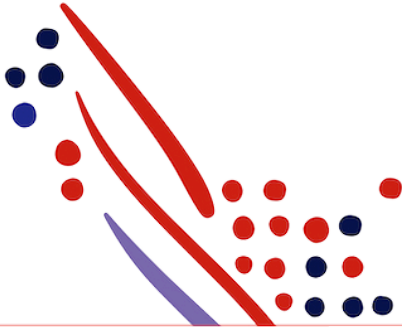Guide

Payroll Output API Guide for ADP Link

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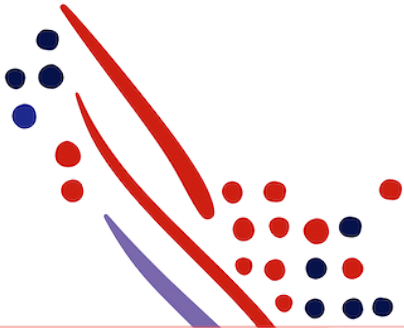
Table of Contents

About the API

Summary

The Payroll Output Application Programming Interface (API) is used to retrieve the output of a payroll run.

Process Overview

Your data connector application would be used by the client's Payroll Practitioner (actor) to retrieve Payroll details based on the payroll month.

Postman Collection

Postman allows you to import a collection of APIs, created by others, so you can try them out. For more information on Postman, see Making Your First API Call Using Postman.

Chapter 2

Use Case: Retrieving Payroll Output Details

API Usage

To use this API is mandatory to add an oData $filter with the value of the "payrollMonth".

Accepted format for this value are "YYYY-MM" and "MM-YYYY".

If this filter is not provided, an error occurs.

Method	Uniform Resource Identifier (URI)	Description	Response Code	Sample Response Payload
GET	/payroll/v2/payroll-output? $filter=payrollMonth eq 'MM-YYYY'	Returns the standard response for payroll output request	200 OK	Payroll-output-http-200-response.json

Application Scope

The canonical URI corresponding to the API needs to be added in the Consumer Application Registry (CAR) for the subscription following which a user can access this API and make successful API calls.

The following canonical needs to be added to your application scope to enable this use case:

/payroll/payrollManagement/payrollProcessingResults/payrollOutputManagement/payrollOutput.read

Request Header Information

There are no request header parameters, in addition to the ADP standard header parameters.

Data Entitlement

Is important to consider that the API results are bound to the consumer's rights and population. These rights define the reach of the visible fields in the JSON obtained in a GET method. In a POST method, the data to be sent is, again, bound to consumer's rights.

Every consumer is part of a population where he has the right to access associate's data. If the request is being made for an associate that doesn`t belong to the population then an error response will be returned.

Supported OData Query Options

As we said before the payroll output API can be used only with oData filter for payrollMonth. Also, we have $top and $skip as additional Query String Options. For more information about OData, see the Introduction to ADP API Open Data Protocol (OData).

Query String Option	Description	Example	Sample Response Payload
$filter	Standard request for payroll output	/payroll/v2/payroll-output?$filter=PAC eq '' and payrollMonth eq ''	Payroll-output-http-200-response.json
$top	Requests the payroll output for a given number of associates to be included in the result.	/payroll/v2/payroll-output?$top=1&$filter=PAC eq '0000123' and payrollMonth eq '2020-01'	Payroll-output-http-200-response.json
$skip	Specifies the number of associates in the queried collection to be skipped and not included in the result.	/payroll/v2/payroll-output?$skip=1&$filter=PAC eq '0000123' and payrollMonth eq '2020-01'	Payroll-output-http-200-response.json

Sequence of interactions

The following are the steps to retrieve the payroll output information:

1. Your consumer application requests to the ADP API endpoint to GET Payroll output Details based on payrollMonth.
2. The ADP API endpoint responds to your consumer application with payroll output information according to the data entitlement.

Recommendations

It's recommended not to receive more than 5000 results in a single request due to performance considerations.

Data Dictionary

Overview

The data dictionary provides the schema resource to application user interface field mapping.

Schema Location	Field Name	Note
payrollOutputs	Not Displayed	
payrollOutputs/payrollSummary	Not Displayed	
payrollOutputs/payrollSummary/earningsSummary		
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections	Not Displayed	
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections/earningsSummaryItems	Not Displayed	
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections/earningsSummaryItems /earningID	Not Displayed	
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections/earningsSummaryItems /earningID/idValue	Payroll outputs id	
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections/earningsSummaryItems /earningAmount/amountValue	Numeric value of the payroll output	
payrollOutputs/payrollSummary/earningsSummary /earningsSummarySections/earningsSummaryItems /earningClassificationCode/codeValue	String value of the payroll output	
payrollOutputs/associatePayments	Not Displayed	
payrollOutputs/associatePayments/associateOID	User Id concerned in the payroll	
payrollOutputs/associatePayments/payrollID	Not Displayed	
payrollOutputs/associatePayments/payrollID/idValue	Worker Id	

Known Issues and Limitations

Issues When Adding Query Option to $filter

As we said before the $filter option is mandatory to receive the information about a payroll output. In case we try to add some other query option but it doesn't exist or is misspelled we still receive the response with all the information.

Method	Uniform Resource Identifier (URI)	Sample Response Payload
GET	/payroll/v2/payroll-output?$filter=PAC eq 'PAC001' and payrollMonth eq '2020-01'&WrongQuery	Payroll-output-http-200-response.json

Suggested Workaround

There is no workaround available.