Chapter 2

Use Case: Retrieving Payroll Instructions (Payroll Instructions API)

from Deduction Instruction API Guide for ADP Workforce Now Guide

Published on
Mar 26, 2020 5:28PM

Last modified
Sep 22, 2022 2:07AM

ADP Copyright Information

Published on
Mar 26, 2020 5:28PM

Last modified
Sep 22, 2022 2:07AM

Chapter Contents

Use Case: Retrieving Payroll Instructions (Payroll Instructions API)

Use Case Description

This use case returns the list of all available payroll instructions the requester is authorized to view for a given worker.

This API exposes values found in the ADP Workforce Now UI by selecting **People > Pay > Pay Profile > Deductions**. You must provide the Associate Organization ID (AOID) of the desired worker in the AOID Uniform Resource Identifier (URI) parameter.

> **Tip**
>
> To retrieve the ADP worker's unique Associate Object Identifier (AOID), your application can first retrieve all workers using GET /hr/v2/workers and creating the mapping between the two systems.

For more details, see the Worker Information Management API Guide for ADP Workforce Now.

API Usage

For API related information please refer Worker Payroll Instructions under API Explorer.

Method	URI	Description	Note
GET	/payroll/v1/workers/{aoid}/ payroll-instructions	Returns the list of all active payroll instructions for an employee until the current effective date.	ADP Workforce Now supports workers with multiple positions. When a worker has multiple positions, the Payroll Instructions API returns all active deductions and garnishments for all payroll file numbers for a given worker. Use the GET Workers API to retrieve employee position status.
GET	/payroll/v1/workers/{aoid}/payroll-instructions/{payroll-instruction-id}	Returns deductions based on the **pay-distribution-id**. **Tip:** When an associate has more than one position, each position has a unique **payrollGroupCode** and **payrollFileNumber**. The user can retrieve all the payroll instructions for all positions. If the user wants to retrieve payroll instructions for only one position, the user can make use of the GET /payroll/v1/workers/{aoid}/payroll-instructions/{payroll-instruction-id}. The API is called by passing the {payroll-instruction-id} of the particular position.	**Important:** Currently, this functionality is not working for Canada and cross border clients.
GET	/payroll/v1/workers/{aoid}/payroll-instructions ?asOfDate={YYYY-MM-DD}	Returns the list of all active deductions of an employee until the effective date provided in the **asOfDate** parameter.	
GET	/payroll/v1/workers/{aoid}/payroll-instructions ?Inactive=true	Returns the list of all active and inactive deductions for an employee until the current effective date.	**Important:** Currently, this functionality is not working for Canada and cross border clients.
GET	/payroll/v1/workers/{aoid}/payroll-	Returns the list of all active and inactive	

	instructions ?asofDate={YYYY-MM-DD}&Inactive=true	deductions for an employee until the effective date provided in the **asOfDate** parameter.	

> **Note**
>
> Parameter 'Inactive=true' returns both Inactive and active deductions. There is a similar behavior in the UI.

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 the Deduction Instruction API and make successful API calls.

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

/payroll/payrollManagement/payrollInstructionManagement/workerPayrollInstructionManagement/ workerPayrollInstructions.read
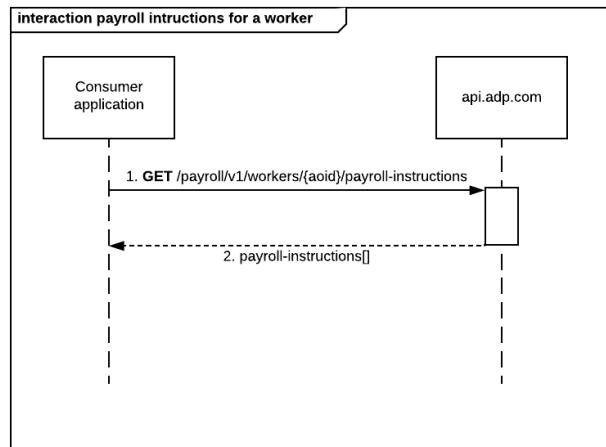
Supported Actors

Request Parameter roleCode Value	Usage
practitioner	Retrieves payroll instructions as a practitioner. A practitioner can view, start, stop, or change a deduction. A system user is considered a practitioner.

Request Header Parameters

None, in addition to the ADP standard header parameters.

Sequence of Interactions

The following are the steps shown in the previous diagram:

1. Your consumer application makes a request to the ADP API endpoint to GET payroll-instructions for a worker.
2. The ADP API endpoint responds to your consumer application with single worker payroll information.

Data Dictionary

The fields listed in the following table can be found in the ADP Workforce Now UI by selecting **People > Pay > Deductions**.

Payroll API Response Location	Field Name	Note
/payrollInstructions/generalDeductionInstructions	Not Displayed	
/payrollInstructions/generalDeductionInstructions/itemID	Not Displayed	Indicates the deduction Item ID. Each deduction has one item ID generated.
/payrollInstructions/generalDeductionInstructions/ deductionCode/codeValue	**Deduction Code**	Indicates the Deduction Code.
/payrollInstructions/generalDeductionInstructions /deductionRate/rateValue	**Deduction Amount**	Indicates the deduction amount.
/payrollInstructions/generalDeductionInstructions/deductionStartDate	**Effective Date**	Indicates the deduction effective date.
/payrollInstructions/generalDeductionInstru	**Deduction Goal**	Indicates the Goal ID.

ctions /deductionGoal/goalID		
/payrollInstructions/g eneralDeductionInstru ctions /deductionGoal/goalB alanceAmount/amoun tValue	**Balance**	Indicates the Goal balance amount.
/payrollInstructions/g eneralDeductionInstru ctions /deductionGoal/goalLi mitAmount/amountVa lue	**Deduction Goal Limit**	Indicates the Goal limit amount.
/payrollInstructions/g eneralDeductionInstru ctions /inactiveIndicator	Not Displayed	Indicates the status of the deduction. • **True** indicates active status. • **False** indicates Inactive status.
/payrollInstructions/g arnishmentInstruction s	Not Displayed	
/payrollInstructions/g arnishmentInstruction s/itemID	Not Displayed	Indicates the garnishment item ID. Each garnishment has one itemID generated.
/payrollInstructions/g arnishmentInstruction s/workerLien	Not Displayed	
/payrollInstructions/g arnishmentInstruction s/workerLien /itemID	Not Displayed	Indicates the workerLien ID.
/payrollInstructions/g arnishmentInstruction s/workerLien /lienNumber	**Lien Number**	Indicates the worker Lien number.
/payrollInstructions/g arnishmentInstruction s/workerLien /lienTypeCode/codeVa lue	Not Displayed	Indicates the lien type code.
/payrollInstructions/g arnishmentInstruction s/workerLien /lienTypeCode/shortN ame	**Lien Type**	Indicates the lien name. For example, Garnishment.
/payrollInstructions/g arnishmentInstruction s/workerLien /lienSubTypeCode/co deValue	Not Displayed	Indicates the lien code value.
/payrollInstructions/g arnishmentInstruction s/workerLien /lienSubTypeCode/sh ortName	**Lien Subtype**	Indicates the lien subtype name.

/payrollInstructions/garnishmentInstructions/workerLien/lienStatusCode/effectiveDate	**Lien Start Date**	Indicates the lien start date.
/payrollInstructions/garnishmentInstructions/workerLien/lienStatusCode/codeValue	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/lienStatusCode/shortName	**Lien Status**	Indicates the lien status. Values are **Active**, **Complete**, and **Inactive**.
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/caseNumber	**Case # / Lien ID**	Indicates the Case or Lien ID.
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/issuingJurisdiction	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/issuingJurisdiction/countrySubdivisionLevel1	**Court Order State**	Indicates the court order state.
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/issuingJurisdiction/countrySubdivisionLevel1/subdivisionType	**City, State, ZIP**	Indicates the City, State, and ZIP.
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/issuingJurisdiction/countrySubdivisionLevel1/codeValue	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/issuingJurisdiction/countrySubdivisionLevel1/shortName	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/lienMaritalStatusCode	Not Displayed	

/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/lienMaritalStatusCode/codeValue	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/courtOrder/lienMaritalStatusCode/shortName	**Marital Status**	Indicates the marital status.
/payrollInstructions/garnishmentInstructions/workerLien/fullServiceClientIndicator	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/allowanceQuantity	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/fundsDisbursement	Not Displayed	
/payrollInstructions/garnishmentInstructions/workerLien/fundsDisbursement/disbursementFees	**Funds Disbursement Schedule**	Indicates the disbursement fees.
/payrollInstructions/garnishmentInstructions/workerLien/fundsDisbursement/disbursementMessages	**Funds Disbursement Check Stub Messages**	
/payrollInstructions/garnishmentInstructions/garnishmentAmount		
/payrollInstructions/garnishmentInstructions/garnishmentAmount/amountValue	**Deduction Amount**	Indicates the garnishment amount.
/payrollInstructions/garnishmentInstructions/garnishmentStartDate	**Deduction Effective On**	Indicates the garnishment effective date.
/payrollInstructions/payrollFileNumber	Not Displayed	
/payrollInstructions/payrollAgreementID	Not Displayed	

/payrollInstructions/payrollGroupCode	Not Displayed		
/payrollInstructions/payrollGroupCode/codeValue	Not Displayed		
/payrollInstructions/payrollGroupCode/shortName	Not Displayed		
/payrollInstructions/workAssignmentStatus	Not Displayed		
/payrollInstructions/workAssignmentStatus/effectiveDateDate	**Effective Date**		
/payrollInstructions/workAssignmentStatus/codeValue	**Status**		

Responses

For API related information please refer Worker Payroll Instructions under API Explorer.

Response Code	Response Condition	message txt	Note
200 OK	Retrieves all the payroll deductions until the current effective date.		
200 OK	Retrieves all the payroll deductions until the provided **asOfDate** parameter.		
200 OK	Retrieves all the payroll deductions until the provided **asOfDate** parameter.		
200 OK	Retrieves any specific deduction passing deduction **itemID**.		
200 OK	Retrieves all the inactive deductions until the current **effectiveDate**.		
200 OK	Retrieves all the inactive deductions until the future **effectiveDate**.		
200 OK	Verifies the response when the employee does not have any deduction.		
200 OK	Verifies the response for future date when the employee does not have any deductions.		
204 No Content	Verifies the response when the employee does not get paid from ADP Workforce Now.		There will not be any response in this case.
400 Bad Request	Verifies the response when		

	the **itemID** passed in the URI is invalid.		
500 Internal Server Error	Verifies the response when the associate ID passed in the request URI is invalid.	"userMessage": {"messageTxt": "Label not found, missing following key: Exception in the requestHTTP 404 Not Found"}	

Tip

To update deductions for a given worker AOID using the POST API (as described in Chapter 3 - Use Case: Using the General Deduction Instruction Start API, Chapter 4 - Use Case: Changing a General Deduction Instruction, and Chapter 5 - Use Case: Using the General Deduction Instruction Stop API the payload needs to send a few values. These values can be obtained only by the GET /payroll/v1/workers/{associateoid}/payroll-instructions API. The following values need to be used from the response of the Payroll Instructions API:

- payrollFileNumber
- payrollAgreementID
- itemID