



Chapter 3

Using the General Deduction Instruction Start API

from Deduction Instruction Guide for ADP Workforce
Now Next Gen Guide

Published on
May 13, 2021 5:20AM

Last modified
Feb 16, 2022 5:20PM



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Using the General Deduction Instruction Start API

Use Case Description

This use case is used to start a general deduction instruction for a worker.

API Usage

Method	URI	Description	GitHub Sample Request Payload	GitHub Sample Response Payload
POST	/events/payroll/v2/worker-general-deduction-instruction.start	Starts worker general deduction instruction information.	deductionStart-200.request.json	deductionStart-200.response.json
GET	/events/payroll/v2/worker-general-deduction-instruction.start/meta	Returns an event metadata. Note: Sample payload can be built from the meta call.	NA	deduction-start-meta-200.response.json



Important

In the given payload ([deductionStart-200.request.json](#)), the following is the purpose of the **eventContext** and **transform** sections:

- **eventContext:** A set of keys, identifying the subject. In the payload, the **associateID** field is present under **eventContext**. The **associateID** identifies the subject.
- **transform:** Provides the values added or changed with respect to the subject keys defined in the **eventContext** section.

Application Scope

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

/payroll/payrollManagement/payrollInstructionManagement/workerGeneralDeductionInstructionManagement/workerGeneralDeductionInstruction

Supported Actors

Request Parameter roleCode Value	Usage
practitioner	Starts deduction instructions for workers.

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 for **Worker-general-deduction-instruction** start meta.
2. The ADP API endpoint responds to your consumer application with the meta payload, which lists eligible deductions for the worker under the **/meta/data/transforms/payrollInstruction/generalDeductionInstruction/deductionCode/codeList** collection. Your consumer application needs to validate that the Deduction Code processed is returned in the codeList collection before building the payload for the next call. If the Deduction Code you need to start is not part of the collection, your application needs to provide user error handling and stop or go to the next step.
3. Your consumer application makes a request to the ADP API endpoint for the **Worker-general-deduction-instruction** start API with the payload.
4. The ADP API endpoint responds to the consumer application about the details of the **Worker-general-deduction-instruction** start.

Data Dictionary

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

Schema Location	ADP Workforce Now Field Name	Required (Y/N)?	Note
/events/data/eventContext	Not Displayed	N	
/events/data/eventContext/worker	Not Displayed	N	
/events/data/eventContext/worker/associateOID	Not Displayed	Y	
/events/data/eventContext/payrollInstruction	Not Displayed	N	
/events/data/eventContext/payrollInstruction/payrollGroupCode	Not Displayed	Y	The payrollGroupCode found in payroll. This is an Instruction GET call.
/events/data/eventContext/payrollInstruction/payrollGroupCode/codeValue	Not Displayed	Y	
/events/data/eventContext/payrollInstruction/payrollGroupCode/shortName	Not Displayed	Y	
/events/data/eventC	Not Displayed	Y	The payrollFileNumber found in

ontext/payrollInstruction/payrollFileNumber			payroll. This is an instruction GET call.
/events/data/effectiveDateTime	Effective Date	Y	
/events/data/payrollInstruction	Not Displayed	N	
/events/data/payrollInstruction/generalDeductionInstruction	Not Displayed	N	
/events/data/payrollInstruction/generalDeductionInstruction/deductionCode	Not Displayed	Y	
/events/data/payrollInstruction/generalDeductionInstruction/deductionCode/codeValue	Not Displayed	Y	
/events/data/payrollInstruction/generalDeductionInstruction/deductionCode/shortName	Deduction Code	Y	
/events/data/payrollInstruction/generalDeductionInstruction/deductionRate	Not Displayed	N	
/events/data/payrollInstruction/generalDeductionInstruction/deductionRate/rateValue	Deduction Amount	Y	
/events/data/payrollInstruction/generalDeductionInstruction/deductionGoal	Deduction Goal	Y	
/events/data/payrollInstruction/generalDeductionInstruction/deductionGoal/goalLimitAmount	Not Displayed	N	
/events/data/payrollInstruction/generalDeductionInstruction/deductionGoal/goalLimitAmount/amountValue	Deduction Goal Limit	Y	

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development.

For more information, see [API Common Exceptions and Tips for Handling](#).

Response Code	Response Condition	message Txt	Git Hub Sample Request Payload	Git Hub Sample Response Payload	Tips to Handle
200 OK	When adding a deduction without a deduction goal and the effective date as the current date.	NA	deduction-start-200.request.json	deduction-start-200.response.json	
200 OK	When adding a deduction with a deduction goal and the effective date as the current date.	NA	deduction-start-currentdate-200.request.json	deduction-start-currentdate-200.response.json	
200 OK	When adding a deduction with a deduction goal and effective date as the future date.	NA	deduction-start-futuredate-200.request.json	deduction-start-futuredate-200.response.json	
400 Bad Request	When trying to start a deduction but the goal limit amount is invalid.		deduction-start-Invalid-GoalLimitAmount-400.request.json	deduction-start-Invalid-GoalLimitAmount-400.response.json	
400 Bad Request	When the invalid deduction code is passed in the request.	{ "userMessage": "messageTxt": "deductionCodeis invalid."}]}	deduction-start-400.invalid-deduction-code-request.json	deduction-start-400.invalid-deduction-code-response.json	Make sure a valid supported Deduction Code is passed in the request.
400 Bad Request	When there is an invalid payrollGroupCode/codeValue in the request.	{ "userMessage": "messageTxt": "payrollGroupCode/codeValue is invalid."}]}	deduction-start-400.invalid-payroll-groupCode-request.json	deduction-start-400.invalid-payroll-groupCode-response.json	Make sure a valid payrollGroupCode/codeValue is passed in the request.
400 Bad Request	When there is an invalid payrollFileNumber in the request.	{ "userMessage": "messageTxt": "payrollFileNumber is invalid."}]}	deduction-start-400.invalid-payroll-fileNumber-request.json	deduction-start-400.invalid-payroll-fileNumber-response.json	Make sure a valid payrollFileNumber is passed in the request.
400 Bad Request	When a DeductionAmount is passed as an invalid value in the request.	{ "userMessage": "messageTxt": "Deduction Amountfield must contain a non-zero value between -99,999,999.99 and 99,999,999.99 with a decimalprecision of 2 places."}]}	deduction-start-400.invalid-deduction-amount-request.json	deduction-start-400.invalid-deduction-amount-response.json	Make sure you have entered the amount value correctly. Note: Deduction Amount must contain a non-zero value between -99,999,999.99 and 99,999,999.99 with a precision of 2.