Chapter 1

About this API

from Deduction API Guide for ADP Vantage HCM Guide

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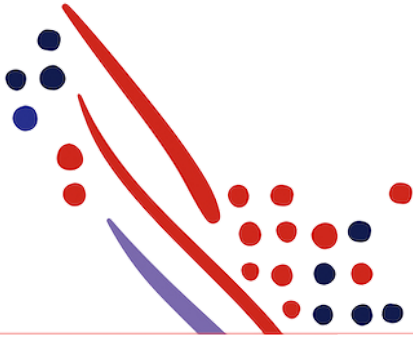Windows is a registered trademark of the Microsoft Corporation.

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Chapter Contents

About this API

Summary

The Deduction Application Programming Interfaces (APIs) are used to do the following:

- Start, stop or change the payroll deduction setup for a worker.
- View all deduction instructions of a worker.
- Retrieve and send employee deductions to ADP (commonly used by Benefits Solutions).

Important

Currently, ADP Vantage HCM doesn't support the configuration of special calculations for deductions. However, the user has an option of defining the calculation in a text box while setting-up the deduction codes. This information is passed to ADP service delivery through a Service Request (SR) ticket. The Service Consultant would then manually configure the special calculation for that deduction in AutoPay.

What's New in this Guide?

October 2022

- Updated API endpoints and samples to link to API explorer.

September 2021

- Updated few github links.

July 2020

- Updated the last two conditions of the **Responses** section in Chapter 4 - Use Case: Starting a General Deduction Instruction
- Updated the last three conditions of **Responses** section in Chapter 5 - Use Case: Changing a General Deduction Instruction
- Removed the following issues from Chapter 10 - Known Issues and Limitations, since they've been resolved:
  - **Issue 1**: codeList GET API is not working as expected
  - **Issue 4**: Deduction Start API doesn't display effectiveDateTime field in response to when it is sent through request payload
  - **Issue 12:** Deduction Start and Change APIs return 500 Internal Server error instead of 400 Bad Request when an invalid goal amount is passed through the request payload
  - **Issue 13:** Deduction Start, Change, and Stop API's return a 500 Internal Server error instead of a 400 Bad Request when an invalid date format is passed through the request payload
- Rearranged the Issue numbers in order and updated the **Suggested Workaround** under **codeList response doesn't specify if a Deduction Code supports dollar amount or percentage amount**

June 2020

- Updated the **Required Setup Steps** section in this chapter.
- Updated the **Use Case Description** in Chapter 3 - Use Case: Returning a List of Available Deduction Codes is updated with an Important notice.
- Updated the **API Usage** section in Chapter 4 - Use Case: Starting a General Deduction Instruction with filter support for the Start meta.
- Added the **Other Supported Parameters** in Chapter 4 - Use Case: Starting a General Deduction Instruction.
- Updated the table in Chapter 7 - Use Case: Synchronizing Deduction Event Notifications with **GitHub Sample Responses**.
- Under Chapter 10 - Known Issues and Limitations:
  - Updated **CodeList response doesn't specify if a Deduction Code supports dollar amount or percentage amount** with **Suggested Workaround**.
  - Added **Meta states Unit Code field as optional for percent deductions where it is mandatory**.

Employee Deductions Tasks

- Add employee Deductions
- Change employee Deductions
- Delete employee Deductions

About Employee Deductions

Employee deductions and goal limit are set up to specify an amount to be deducted from an employee's regular pay. You can set up a goal limit to stop the deduction when the limit is reached.

You can also adjust the deducted amount using **Amount to Date** towards the goal limit.

Important

These deductions are non-benefit deductions.

Viewing the Deductions Summary

A summary of the deductions scheduled to be taken from an employee's paycheck is viewed as of a specific date within ADP Vantage HCM by selecting **People > Pay & Taxes > Deductions**.

If you are using ADP Vantage HCM Payroll with an external third-party HR solution, the deductions summary may not be available or used.

Important

There is a restriction for deduction codes which will be supported through the Deduction API. Which means, not all deductions available in the ADP Vantage HCM application are retrieved through the API and not all deductions which are available in the user interface (UI) can be added through the API.

There is a codeList API which will return the list of deduction codes which are supported through the API.

The code list only returns the unused deductions, which can be added. This means the deductions added already will not be returned in the codeList response. For more information, see Chapter 3 - Use Case: Returning a List of Available Deduction Codes.

Required Setup Steps

- Before you can use employee deductions, deduction codes must be set up for the pay group in the ADP Vantage HCM UI by selecting **Setup > Field Definitions & Mappings > Setup Information > Payroll > Deductions**.
- Before trying to retrieve unused deductions for an employee using CodeList Uniform Resource Identifier (URI) mentioned in Chapter 3 - Use Case: Returning a List of Available Deduction Codes, the API user should make sure the **EE Flag** should be enabled for the employee in ADP Vantage HCM.

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.

To download API collections for the Deduction API from the ADP GitHub library and import them to Postman, go to Deduction API Postman Collection.