



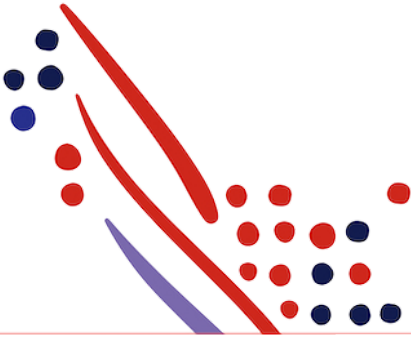
Guide

# Worker suspend and suspension recall API Guide for Vantage

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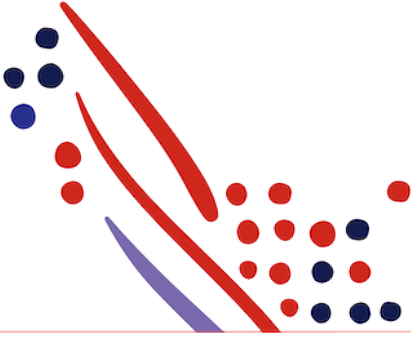
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# About this API

## Summary

The Worker Suspend Application Programming Interface (API) updates the job status of employee to Suspended.

This is the initial version of the Worker Suspend API Guide for ADP Vantage. In this section, we will announce any new revisions to the Worker Suspend API and this guide.

## What's New in this Guide

This is the initial version of the worker suspend and suspension recall for ADP Vantage. In this section, revisions to the worker suspend and suspension recall API and this guide will be announced.

## Supported Product Version and Customer Base

The Worker Suspend API is available for ADP Vantage clients.

## Required Setup Steps

Clients need to make sure the codes used by your application are added and configured in ADP Vantage

Records	ADP Vantage
Reason	Setup > Fields Definitions & Mappings > Setup Information>Other> Actions/Reasons

## Process Overview

The following table shows a typical Business-to-Business (B2B) application integration flow for the Work Suspend API.

	Actor	Task Description
1	Client Practitioner	Triggers the API-based data exchange between your application and ADP Vantage HCM.
2	Your application	Sends employee status using the Worker Suspend API.
3	Payroll Practitioner	Verifies the Information in the ADP Vantage user interface (UI) by selecting <b>People &gt; Job Activities &gt; Layoff/Suspension</b> .

## 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 **Worker Suspend** and **suspension recall** from the ADP GitHub library and import them to Postman, go to [Worker Suspend API Postman Collection](#) and [Worker Suspension Recall API Postman Collection](#) respectively..

### Chapter 2

## Use Case: Suspending an Employee

### Use Case Description

The Work Assignment API updates the work assignment status from active to suspend for a worker.

### API Usage

Method	Uniform Resource Identifier (URI)	Description	Github Sample Request Payload	Github Sample Response Payload
POST	<code>/events/hr/v1/worker.suspend</code>	Updates worker status for an Associate.	<a href="#">Update-Worker-Suspend-200-Request.json</a>	<a href="#">Update-Worker-Suspend-200-Response.json</a>
GET	<code>/events/hr/v1/worker.suspend/meta</code>	Retrieves the meta information.	NA	<a href="#">Worker-Suspend-Get-Meta-200-Response.json</a>

### 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:

#### For POST API

`/hr/workerInformationManagement/workerDisciplineManagement/workerDisciplineManagement/worker.suspend`

#### For META API & event Notifications

`/hr/workerInformationManagement/workerDisciplineManagement/suspensionManagement/worker.suspend`

## Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Updates work status for an employee as a practitioner. A system user is considered a practitioner.

## Request Header Parameters

There are no Request Header Parameters, in addition to the ADP standard header parameters.

## Sequence of Interactions

1. Your consumer application makes a request for **/events/hr/v1/worker.suspend/meta** to the ADP API endpoint.
2. The ADP API endpoint responds to your consumer application with the meta payload. See the table in the **Responses** Your consumer application processes the meta payload to validate data included in the payload in step 3 and prompts the user to fix any validation issues. Otherwise, compose the payload for the **/events/hr/v1/worker.suspend** request.
3. Your consumer application makes an **/events/hr/v1/worker.suspend** request to the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/events/hr/v1/worker.suspend**

## Data Dictionary

Resources listed in the following table can be accessed in ADP Vantage HCM UI under **People > Employment > Job Information**.

Schema Location	Field Name in ADP Vantage HCM User Interface (UI)	Is Required (Y/N)	Note
/data/eventContext/contextExpressionID	NA	N	This field is only significant in myADP and can be ignored in Vantage
/data/eventContext/associateOID	NA	Y	
/data/transforms/eventReasonCode/codeValue	Reason	N	
/data/transforms/effectiveDateTime	Effective Date	Y	
/data/transforms/actionTypeCode/codeValue	Action	Y	
/data/transforms/paymentInstruction/cancelAutomaticPayIndicator	NA	N	

## 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	Condition	messageTxt	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	Update work assignment details for an employee with valid data.	NA	<a href="#">Update-Worker-Suspend-200-Request.json</a>	<a href="#">Update-Worker-Suspend-200-Response.json</a>	
400 Bad Request	Update work assignment details with an invalid <b>actionTypeCode</b>	<b>"userMessage":</b> { "You have entered an invalid value for Employee Job Data-Action. Select a valid value from the list provided. (15,11)\n" }	<a href="#">Invalid-Action-Type-400-Request.json</a>	<a href="#">Invalid-Action-Type-400-Response.json</a>	
400 Bad Request	Update work assignment details with an invalid <b>cancelAutomaticPayIndicator</b>	<b>"userMessage":</b> { "Can not construct instance of boolean from String value 'test': only \"true\" or \"false\" recognized\n"} }	<a href="#">Invalid-Cancel-Automatic-Pay-400-Request.json</a>	<a href="#">Invalid-Cancel-Automatic-Pay-400-Response.json</a>	
400 Bad Request	Update worker status details with an invalid <b>eventReasonCode</b>	<b>"userMessage":</b> { "You have entered an invalid value for Employee Job Data-Reason Code. Select a valid value from the list provided. (15,11)\n" }	<a href="#">Invalid-Reason-Code-400-Request.json</a>	<a href="#">Invalid-Reason-Code-400-Response.json</a>	
400 Bad Request	Update work assignment details with an invalid <b>effectiveDate Time</b>	<b>"userMessage":</b> { "Can not construct instance of java.util.Date from String value '10-10-20': not a valid representation (error: Failed to parse Date value '10-10-20': Can not parse date \"10-10-20\": not compatible with any of standard forms (\\\"yyyy-MM-ddT'HH:mm:ss.SSSZ\\\", \\\"yyyy-MM-ddT'HH:mm:ss.SSS'Z\\\", \\\"EEE, dd MMM yyyy HH:mm:ss zzz\\\", \\\"yyyy-MM-dd\\\"))\n" }	<a href="#">Invalid-Effective-Date-400-Request.json</a>	<a href="#">Invalid-Effective-Date-400-Response.json</a>	

# Use Case: Recall employee from Suspension

## Use Case Description

The Work Assignment API updates the work assignments from suspend to active for a worker.

## API Usage

Method	Uniform Resource Identifier (URI)	Description	Github Sample Request Payload	Github Sample Response Payload
POST	/events/hr/v1/worker-suspension.recall	Updates worker status for an employee.	update-worker-suspension-recall-http-200-request.json	update-worker-suspension-recall-http-200-response.json
GET	/events/hr/v1/worker-suspension.recall/meta	Retrieves the meta information.	NA	suspension-recall-meta-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:

**/hr/workerInformationManagement/workerDisciplineManagement/suspensionManagement/worker.suspension.recall**

## Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Updates work status for an employee as a practitioner. A system user is considered a practitioner.

## Request Header Parameters

There are no Request Header Parameters, in addition to the ADP standard header parameters.

## Sequence of Interactions

1. Your consumer application makes a request for `/events/hr/v1/worker-suspension-recall/meta` to the ADP API endpoint.
2. The ADP API endpoint responds to your consumer application with the meta payload. See the table in the **Responses**. Your consumer application processes the meta payload to validate data included in the payload in step 3 and prompts the user to fix any validation issues. Otherwise, compose the payload for the `/events/hr/v1/worker-suspension-recall` request.
3. Your consumer application makes an `/events/hr/v1/worker-suspension-recall` request to the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of `/events/hr/v1/worker-suspension-recall`

## Data Dictionary

Resources listed in the following table can be accessed in ADP Vantage HCM UI under **People > Employment > Job Information**.

Schema Location	Field Name in ADP Vantage HCM User Interface (UI)	Is Required (Y/N)	Note
/data/eventContext/contextExpressionID	NA	N	This field is only significant in myADP and can be ignored in Vantage
/data/eventContext/associateOID	NA	Y	
/data/transforms/eventReasonCode/codeValue	Reason	N	
/data/transforms/effectiveDateTime	Effective Date	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	Condition	messageTxt	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	Recall worker from suspension	NA	<code>update-worker-suspension-recall-http-200-request.json</code>	<code>update-worker-suspension-recall-http-200-response.json</code>	
200 OK	Recall worker from suspension with empty <b>eventReasonCode</b>	NA	<code>update-worker-suspension-recall-with-empty-reasonCode-http-200-request.json</code>	<code>update-worker-suspension-recall-with-empty-reasonCode-http-200-response.json</code>	
400 Bad Request	Recall worker from suspension with invalid <b>eventReasonCode</b>	<b>"userMessage":</b> { "You have entered an invalid value for Employee Job Data"	<code>update-worker-suspension-recall-with-invalid-reasonCode-http-400-request.json</code>	<code>update-worker-suspension-recall-with-invalid-reasonCode-http-400-response.json</code>	

		Reason Code. Select a valid value from the list provided. (15,11)\n" }		
400 Bad Request	Recall worker from suspension with invalid <b>effectiveDate Time</b>	"userMessage": {"Can not construct instance of java.util.Date from String value '02-02-2020': not a valid representation (error: Failed to parse Date value '02-02-2020': Can not parse date \"02-02-2020\": not compatible with any of standard forms (\\\"yyyy-MM-ddT'HH:mm:ss.SSS\\\", \\\"yyyy-MM-ddT'HH:mm:ss.SSS'Z\\\", \\\"EEE, dd MMM yyyy HH:mm:ss zzz\\\", \\\"yyyy-MM-dd\\\"))\n"}	<a href="#">update-worker-suspension-recall-with-invalid-effectiveDate-http-400-request.json</a>	<a href="#">update-worker-suspension-recall-with-invalid-effectiveDate-http-400-response.json</a>
400 Bad Request	Recall worker from suspension with <b>status other than suspend</b>	"userMessage": {"A recall action is valid only if the employee status is suspended. (1000,24)\n"}	<a href="#">update-worker-suspension-recall-for-employee-status-other-than-suspend-http-400-request.json</a>	<a href="#">update-worker-suspension-recall-for-employee-status-other-than-suspend-http-400-response.json</a>
403 Bad Request	Recall worker from suspension with <b>invalid assocateOID</b>	"userMessage": {"You do not have the authorization to access the server. Contact your system administrator. (3,49)\n"}	<a href="#">update-worker-suspension-recall-with-invalid-associateOID-http-403-request.json</a>	<a href="#">update-worker-suspension-recall-with-invalid-associateOID-http-403-response.json</a>

## Chapter 4

# Supported Event Notifications

Your application should subscribe to and process the following event change notifications to synchronize data in the event of a data change in the ADP system. The changes described in the following table trigger event notification messages for Worker Suspend.

Event notification is supported when employee work assignment details are changed either through API or ADP Vantage HCM UI

Changes that will Trigger a Notification	Application Scope	GitHub Sample Response Payload
When an employees work assignment details are changed.	<a href="#">/hr/workerInformationManagement/workerDisciplineManagement/suspensionManagement/worker.suspend.eventNotify.Subscribe.</a>	<a href="#">Worker-Suspend-Event-Notification-200-Response.json</a>
When an employee is recalled from Suspension	<a href="#">/hr/workerInformationManagement/workerDisciplineManagement/suspensionManagement/worker.suspension.recall.</a>	<a href="#">suspension-recall-event-notification-http-200-response.json</a>

## Chapter 5

## Known Issues and Limitations

DEXXXXXX: Currently API is giving 400 bad request for employees having address issue.

### Impacted APIs

Method	URI	roleCode Value
POST	/events/hr/v1/worker.suspend	practitioner
POST	/events/hr/v1/worker-suspension.recall	practitioner

### Issue Description

Currently API is giving 400 bad request for employees having address issue. Through UI it is possible.

```
"userMessage": {
  "codeValue": "15-37",
  "messageTxt": "U.S. ZIP code is incorrect. Enter the ZIP code in one of the following formats: 99999, 99999-9999, or 9999999999 (Employee Personal Data-Postal/Zip). (15,37)\n"
}
```

### Suggested Workaround

There are no suggested workarounds.