



Guide

Additional Earnings API Guide for ADP Workforce Now

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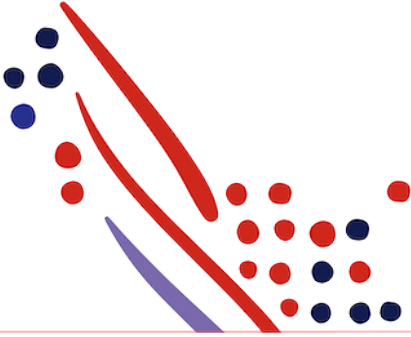


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Issue Description

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Issue: The meta API calls of GET, POST, and PUT of additional-remunerations is not providing any information concerning remunerationTypeCode, but it is used in the payloads

Impacted APIs

Issue Description

About this API

Summary

The Additional Earnings Application Programming Interface (API) is used to add or update or get the additional remuneration details of an employee.

What's New in this Guide?

August 2022

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

January 2021

- Updated Step 2 in Under "Sequence of Interactions" section in Chapter 3-Use Case: Adding a Worker's Additional Remunerations/Earnings
- Updated Step 2 in Under "Sequence of Interactions" section in Chapter 4-Use Case: Updating a Worker's Additional Remunerations/Earnings

September 2020

- Added a new chapter, Chapter 5 -Synchronizing Additional Earnings Details Using Notification
- In Chapter 6: Removed the "**Issue: Event notification not supported**" under Known Issues and Limitations

Supported Product Version and Customer Base

The Additional earnings APIs are available for ADP Workforce Now clients within the United States (U.S.) and Canada.

Required Setup Steps

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

| Records | ADP Workforce Now |
|--------------|--|
| Earning code | Setup > Tools > Validation Tables > Payroll > Paydata > Hours & Earnings Codes |

Use Case: Retrieving a Worker's Additional Remunerations/Earnings

Use Case Description

This use case returns a list of an associate's additional remunerations details.

API Usage

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Method | Uniform Resource Identifier (URI) | Description |
|--------|---|--|
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations | Retrieves a workers additional earning details Note: The {assignment-id} can be obtained by making hr/v2/workers API call. Use itemID under workAssignments of the API response. |
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta | Retrieves the meta information |

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 canonicals need to be added to your application scope to enable this use case:

/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.change.meta.read

/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.read

Supported Actors

| Request Parameter roleCode Value | Usage |
|----------------------------------|--|
| Practitioner | Retrieves additional remuneration details as a practitioner. A system user is considered a practitioner. |

Request Header Parameters

None, in addition to the ADP standard header parameters.

Sequence of Interactions

1. Your consumer application makes a request to the ADP API endpoint for the GET additional-remunerations API.
2. The ADP API endpoint responds to the consumer application with the processing result.

Data Dictionary

The client practitioner can manage data controls in the ADP Workforce Now user interface (UI) by selecting **people > Employment > Employment Profile > Additional Earnings**.

| Schema Location | Field Name |
|--|------------------------|
| /associateOID | Not Displayed |
| /workerID/id | Not Displayed |
| /workAssignmentID | Not Displayed |
| /additionalRemunerations/remunerationRate/rate | Earnings Amount |
| /additionalRemunerations/remunerationRate/currencyCode | Earnings Amount |
| /additionalRemunerations/effectiveDate | Effective Date |
| /additionalRemunerations/nameCode | Earnings Code |
| /additionalRemunerations/inactiveIndicator | Status |
| /additionalRemunerations/remunerationTypeCode | Not Displayed |
| /additionalRemunerations/remunerationTypeCode/code | Not Displayed |
| additionalRemunerations/remunerationTypeCode/name | Not Displayed |

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](#).

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Response Code | Condition | messageTxt |
|-----------------|---|--|
| 200 OK | Retrieve an additional earnings for an employee. | NA |
| 400 Bad Request | Retrieve an additional earning for an employee with invalid workAssignmentID . | "messageTxt": "workAssignmentID is invalid." |
| 400 Bad Request | Retrieve an additional earning for an employee with invalid Associate Object ID (AOID). | "messageTxt": "associateOID is invalid." |

Chapter 3

Use Case: Adding a Worker's Additional Remunerations/Earnings

Use Case Description

This use case adds an associate's additional remunerations/earnings details.

API Usage

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Method | Uniform Resource Identifier (URI) | Description |
|--------|--|--|
| POST | <code>/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations</code> | Adds a workers additional earning details Note: The {assignment-id} can be obtained by making <code>hr/v2/workers</code> API call. Use itemID under workAssignments of the API response. |
| GET | <code>/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta</code> | Retrieves the meta information. |

Application Scope

The following canonicals need to be added to your application scope to enable this use case:

**/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.add
/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.
change.meta.read**

Supported Actors

| Request Parameter roleCode Value | Usage |
|----------------------------------|---|
| Practitioner | Adds additional remuneration details as a practitioner. A system user is considered a practitioner. |

Request Header Parameters

None, in addition to the ADP standard header parameters.

Sequence of Interactions

1. Your consumer application makes a request for **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta** to the ADP API endpoint.
2. The ADP API endpoint responds to your consumer application with the meta payload. See the following table. 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 **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations** POST request.
3. Your consumer application makes a **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations** POST request the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations**.

Data Dictionary

The client practitioner can manage data controls in the ADP Workforce Now user interface (UI) by selecting **people > Employment > Employment Profile > Additional Earnings**.

| Schema Location | Field Name (in ADP Workforce Now) | Is it Required in the request payload? |
|--|-----------------------------------|--|
| /additionalRemunerations/remunerationRate/rate | Earnings Amount | Y |
| /additionalRemunerations/remunerationRate/currency | Not Displayed | Y |

| | | |
|--|-------------------------------|---|
| rencyCode | | |
| /additionalRemunerations/effectiveDate | Pick an effective date | Y |
| /additionalRemunerations/nameCode | Earnings Code | Y |
| /additionalRemunerations/nameCode/code | | |
| /additionalRemunerations/inactiveIndicator | Status | Y |
| /additionalRemunerations/remunerationTypeCode | Not Displayed | Y |
| /additionalRemunerations/remunerationTypeCode/code | Not Displayed | Y |
| /additionalRemunerations/remunerationTypeCode/name | Not Displayed | 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](#).

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Response Code | Condition | messageTxt |
|---------------------------|--|---|
| 201 Created | Add an employee's additional earnings. | NA |
| 201 Created | Add an additional earning with status as inactive. | NA |
| 500 Internal Server Error | Add an additional earning with an invalid earning code. | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Additional Earnings unavailable/ inactive for this earning code TES1" } |
| 500 Internal Server Error | Add an additional earning with an invalid currency code. | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Invalid CurrencyCode for Additional Earnings: CAD: required CurrencyCode is: USD" } |
| 500 Internal Server Error | Add an additional earning with the rate as a negative value. | userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Invalid earning amount for Additional |

| | | |
|---------------------------|---|---|
| | | Earnings - amount must be in the following range : 0 to 99999999.99" } |
| 500 Internal Server Error | Add an additional earning with an invalid remunerationTypeCode . | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the requestRemuneration type is not supported - addRemuneration.getRemunerationTypeCode().getCode() - AEE" } |
| 400 Bad Request | Add an additional earning with invalid work assignmentID . | "userMessage": { "messageTxt": "workAssignmentID is invalid." } |
| 400 Bad Request | Add an additional earning with invalid AOID. | "userMessage": { "messageTxt": "associateOID is invalid." } |

Chapter 4

Use Case: Updating a Worker's Additional Remunerations/Earnings

Use Case Description

This use case updates an associate's additional remunerations details.

API Usage

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Method | Uniform Resource Identifier (URI) | Description |
|--------|---|--|
| PUT | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations | Updates a workers additional earning details Note: The {assignment-id} can be obtained by making hr/v2/workers API call. Use itemID under workAssignments of the API response. |
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta | Retrieves the meta information. |

Application Scope

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

/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.change
/hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.change.meta.read

Supported Actors

| Request Parameter roleCode Value | Usage |
|----------------------------------|---|
| Practitioner | Updates an additional remuneration details as a practitioner. A system user is considered a practitioner. |

Request Header Parameters

None, in addition to the ADP standard header parameters.

Sequence of Interactions

1. Your consumer application makes a request for **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta** to the ADP API endpoint.
2. The ADP API endpoint responds to your consumer application with the meta payload. See the following table. 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 **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations** PUT request
3. Your consumer application makes a **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations** PUT request the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations**.

Data Dictionary

The client practitioner can manage data controls in the ADP Workforce Now user interface (UI) by selecting **people > Employment > Employment Profile > Additional Earnings**.

| Schema Location | Field Name (in ADP Workforce Now) | Is it Required in the request payload? |
|--|-----------------------------------|--|
| /additionalRemunerations/remunerationRate/rate | Earnings Amount | Y |
| /additionalRemunerations/remunerationRate/currency | Not Displayed | Y |

| | | |
|--|-------------------------------|---|
| rencyCode | | |
| /additionalRemunerations/effectiveDate | Pick an effective date | Y |
| /additionalRemunerations/nameCode | Earnings Code | Y |
| /additionalRemunerations/nameCode/code | | |
| /additionalRemunerations/inactiveIndicator | Status | Y |
| /additionalRemunerations/remunerationTypeCode | Not Displayed | Y |
| /additionalRemunerations/remunerationTypeCode/code | Not Displayed | Y |
| /additionalRemunerations/remunerationTypeCode/name | Not Displayed | 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](#).

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Response Code | Condition | messageTxt | Tips to Handle |
|---------------------------|---|--|--|
| 200 OK | Update an additional earning rate value. | NA | |
| 200 OK | Update an inactive additional earning to active. | NA | |
| 500 Internal Server Error | Update active additional earning to inactive. | NA | This is a defect.will update response once fixed |
| 500 Internal Server Error | Update an additional earning with invalid earning code. | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Additional earnings unavailable/ inactive for this earning code :BB" } | |
| 500 Internal Server Error | Update only effective date of an existing additional earning. | userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request You cannot save the record unless you | |

| | | | |
|---------------------------|--|---|--|
| | | change the fields either inactive indicator or earning amount" } | |
| 500 Internal Server Error | Update an additional earning with invalid currency code. | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Invalid CurrencyCode for Additional Earnings: CAD: required CurrencyCode is: USD" } | |
| 500 Internal Server Error | Update an additional earning with rate as negative value. | "userMessage": { "messageTxt": "Label not found, missing following key: Exception in the request Invalid earning amount for Additional Earnings - amount must be in the following range : 0 to 99999999.99" } | |
| 400 Bad Request | Update an additional earning with invalid work assignmentID . | "userMessage": { "messageTxt": "workAssignmentID is invalid."} | |
| 400 Bad Request | Update an additional earning with invalid AOID. | "userMessage": { "messageTxt": "associateOID is invalid." } | |

Chapter 5

Synchronizing Additional Earnings Details Using Notification

ADP applications trigger notifications when data is updated, and your application could subscribe interested notifications to sync up data.

For more information, see the [ADP Event API and Event Notification Guide](#) for more information about ADP Notifications.



Important

The following notifications are triggered for both API and UI changes.

For API related information please refer [Worker Profile Experience \(WFN\)](#) under API Explorer.

| Description | Application Scope |
|---|---|
| When an Additional Earnings is added for an employee . | /hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.added.eventNotify.subscribe |
| When an Additional Earnings details are changed for an employee . | /hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.changed.eventNotify.subscribe |
| When an Additional Earnings is removed | /hr/wfnService/workerProfileManagement/compensationManagement/additionalRemunerations.removed.eventNotify.subscribe |

for an employee.

Note:

This can be only done through ADP WorkForce Now UI API does not support remove functionality.

Chapter 6

Known Issues and Limitations

WFNINDIA-25790: Add and update APIs are returning an 500 Internal Server Error instead of 400 Bad Request for invalid case

Impacted APIs

| Method | URI | roleCode |
|--------|--|--------------|
| POST | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations | Practitioner |
| PUT | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations | Practitioner |

Issue Description

The POST and PUT APIs of Additional Remunerations are returning a 500 Internal Server Error instead of 400 Bad Request for invalid/negative cases mentioned in the Responses sections in [Chapter 3 - Use Case: Adding a Worker's Additional Remunerations/Earnings](#) and [Chapter 4 - Use Case: Updating a Worker's Additional Remunerations/Earnings](#).

Suggested Workaround

There are no workarounds available.

WFNINDIA-25790: API is returning a 500 Internal Server Error when updating the status of the active additional earning to inactive

Impacted APIs

| Method | URI | roleCode Value |
|--------|--|----------------|
| PUT | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations | Practitioner |

Issue Description

When trying to update the status of active additional earning to inactive using PUT, the API is returning a 500 Internal Server Error with the following error message. But it reflects in the ADP Workforce Now UI from active to inactive.

```
{
  "processMessageID": {
    "idValue": "Exception in the request could not initialize proxy [com.adp.wfn.chr.model.employee.salary.CoHoursEarnings#37695072_1] - no Session",
    "schemeName": "processMessageID",
    "schemeAgencyName": "WFN"
  },
  "messageTypeCode": {},
  "userMessage": {
    "messageTxt": "Label not found, missing following key: Exception in the request could not initialize proxy [com.adp.wfn.chr.model.employee.salary.CoHoursEarnings#37695072_1] - no Session"
  }
}
```

Suggested Workaround

There are no workarounds available.

Issue: The meta API calls of GET, POST, and PUT of additional-remunerations is not providing any information concerning remunerationTypeCode, but it is used in the payloads

Impacted APIs

| Method | URI | roleCode Value |
|--------|---|----------------|
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta | Practitioner |
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta | Practitioner |
| GET | /hr/worker-profile/v1/workers/{associateoid}/work-assignments/{assignment-id}/additional-remunerations/meta | Practitioner |

Issue Description

The meta API calls of GET, POST, and PUT of additional-remunerations is not providing any information concerning **remunerationTypeCode**, but it is used in the request payloads.

```
"remunerationTypeCode": {  
  "code": "AE",  
  "name": "additional earnings"  
},
```

Suggested Workaround

There are no workarounds available.