Chapter 2

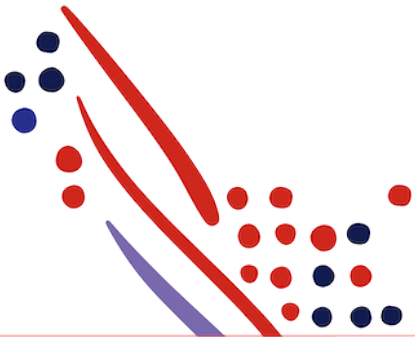
Use Case: API Details

from Work Assignment API Guide for ADP Workforce Now Guide

Published on
May 15, 2020 6:04PM

Last modified
Apr 26, 2023 3:47AM

Always Designing for People™



ADP Copyright Information

ADP, the ADP logo, and Always Designing for People are trademarks of ADP, Inc.

Windows is a registered trademark of the Microsoft Corporation.

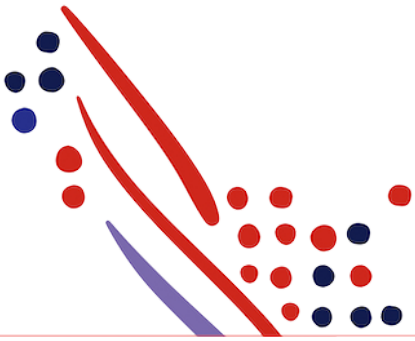
All other trademarks are the property of their respective owners.

Copyright © 2023 ADP, Inc. ADP Proprietary and Confidential - All Rights Reserved. These materials may not be reproduced in any format without the express written permission of ADP, Inc.

These materials may not be reproduced in any format without the express written permission of ADP, Inc. ADP provides this publication "as is" without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. ADP is not responsible for any technical inaccurancies or typographical errors which may be contained in this publication. Changes are periodically made to the information herein, and such changes will be incorporated in new editions of this publication. ADP may make improvements and/or changes in the product and/or the programes described in this publication.

Published on
May 15, 2020 6:04PM

Last modified
Apr 26, 2023 3:47AM



Chapter Contents

Chapter 2

Use Case: API Details

- API Endpoints
- Application Scope
- Supported Actors
- Sequence of Interactions
- Data Dictionary
- Responses

Chapter 2

Use Case: API Details

API Endpoints

Workers - Work Assignment Management

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/workerManagement/workAssignmentManagement/worker.workAssignment.modify

Supported Actors

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

Sequence of Interactions

1. Your consumer application makes a request for **/events/hr/v1 /worker.work-assignment.modify/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** section. 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.work-assignment.modify** request.
3. Your consumer application makes an **/events/hr/v1/worker.work-assignment.modify** request to the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/events/hr/v1/worker.work-assignment.modify** request.

Data Dictionary

Resources listed in the following table can be accessed in ADP Workforce Now, under **People > Employment > Employment Profile > Position**.

Schema Location	Field Name in ADP Workforce Now User Interface (UI)	Is Required (Y/N)	Note
/associateOID	Not Displayed	Y	
/workAssignmentID	Not Displayed	Y	**Note:** The **workAssignmentID** can be obtained by making **hr/v2/workers** API call. Use **itemID** under **workAssignments** of API response.
/effectiveDateTime	**Effective**	Y	
/eventReasonCode	Not Displayed	Y	
/eventReasonCode/codeValue	**Job Change Reason**		
/workAssignment/wageLawCoverage	Not Displayed	Y	
/workAssignment/wageLawCoverage/coverageCode	Not Displayed		
/workAssignment/wageLawCoverage/coverageCode/codeValue	**FLSA**		
/workAssignment/actualStartDate	**Position Start Date**	Y	
/workAssignment/jobTitle	**Job Title**	Y	
/workAssignment/JobFunctionCode	**Job Function**	Y	
/workAssignment/JobFunctionCode/codeValue	Not Displayed		
/workAssignmentManagement/PositionIndicator	**Management Position**	Y	
/workAssignment/PayGradeCode	**Pay Grade**	Y	
/workAssignment/PayGradeCode/codeValue	Not Displayed		
/workAssignment/IndustryClassifications	**NAICS Worker's Comp**	Y	
/workAssignment/IndustryClassifications/ClassificationCode	Not Displayed		

/workAssignment/IndustryClassifications/ClassificationCode/codeValue	Not Displayed		
/workAssignment/OccupationalClassifications	**EEOC/Job Class/EEO Establishment**	Y	
/workAssignment/OccupationalClassifications/NameCode	Not Displayed		
/workAssignment/OccupationalClassifications/NameCode/codeValue	Not Displayed		
/workAssignment/OccupationalClassifications/ClassificationCode	**EEOC Job Classification** or **Job Class** or **EEO Establishment**	Y	
/workAssignment/OccupationalClassifications/ClassificationCode/codeValue	Not Displayed		
/workAssignment/OfficerTypeCode	**Officer/Owner**	Y	
/workAssignment/OfficerTypeCode/codeValue	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.

Response Code	Condition	messageTxt
400 Bad Request	Update work assignment details with an invalid **associateOID** (Associate Object ID).	"**userMessage**": { "messageTxt": "associateOID is invalid." }
400 Bad Request	Update work assignment details with an invalid **workAssignmentID**.	"**userMessage**": { "messageTxt": "workAssignmentID is invalid."
400 Bad Request	Update work assignment details with an invalid **codeValue** for the job change reason.	"**userMessage**": { "messageTxt": "/events/data/transform/workers/workAssignment/eventReasonCode/codeValue is invalid." }
400 Bad Request	Update work assignment details with an invalid **effectiveDate**.	**"userMessage"**: { "messageTxt": "transform/effectiveDateTime is not a valid date. Enter the date in the format yyyy-MM-dd."}

400 Bad Request	Update work assignment details with an invalid **wageLawcoverage** (Fair Labor Standards Act - FLSA).	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/workAssignment/wageLawCoverage is invalid." }
400 Bad Request	Update work assignment details with invalid position start date.	**"userMessage"**: { **"messageTxt"**: "An employee's position start date must be greater than or equal to the effective hire date (the greater of the hire date or the rehire date)." }
400 Bad Request	Update work assignment details with an invalid Job Title.	**"userMessage"**: {"messageTxt": "/events/data/transform/workers/workAssignment/jobTitle is invalid."}
400 Bad Request	Update work assignment details with an invalid JOB function code.	**"userMessage"**: {"messageTxt":"/events/data/transform/workers/workAssignment /jobFunctionCode/codeValue is invalid." }
400 Bad Request	Update work assignment details with invalid **NAICS** (industry classification code).	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/workAssignment/industryClassifications/classificationCode is invalid." }
400 Bad Request	Update work assignment details with an invalid **officerTypeCode**.	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/workAssignment/officerTypeCode/codeValue is invalid." }
400 Bad Request	Update work assignment details with an invalid **payGradeCode**.	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/workAssignment/payGradeCode is invalid." }
400 Bad Request	Update work assignment details with invalid Equal Employment Opportunity Commission (EEOC) job **classificationCode**.	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/workAssignment/occupationalClassifications/classificationCode (EEOC) is invalid." }
400 Bad Request	Update work assignment details with an invalid EEO Establishment.	**"userMessage"**: { "messageTxt": "/events/data/transform/workers/work Assignment/ occupational Classifications/ classificationCode/ codeValue (EEO Establishment) is invalid." }