Chapter 2

Use Case: API Details

from Worker Address API Guide for ADP Vantage HCM Guide

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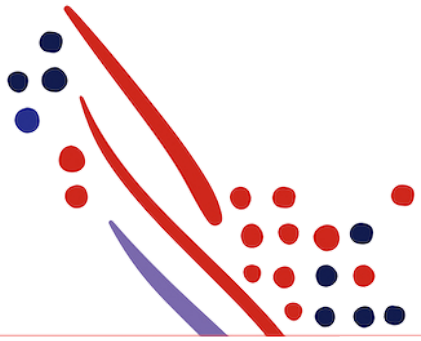

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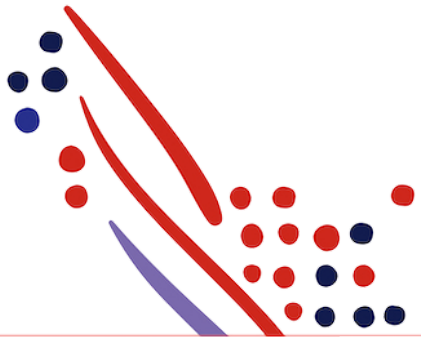

Chapter Contents

Chapter 2

Use Case: API Details

- API Endpoints
- Application Scope
- Supported Actors
- Request Header Parameters
- Sequence of Interactions
- Data Dictionary
- Responses
- Fields not supported to update by this API
- Application Scope
- Supported Actors
- Request Header Parameters
- Sequence of Interactions
- Data Dictionary

Chapter 2

Use Case: API Details

API Endpoints

Workers - Personal Communication Management

This use case describes how to change an employee's legal address (Home Address) and details are added to **People > Employee Profile > Personal Information > Addresses** in the ADP Vantage HCM UI

Application Scope

The following uniform resource identifier (URI) needs to be added to your application scope to enable this use case:

/hr/workerInformationManagement/workerManagement/addressManagement/worker.legalAddress.change

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the **roleCode** parameter value in an API request. For example, a person could have two roles defined in an ADP application, a Practitioner who manages all employees, and an employee. Your application will use the practitioner **roleCode** to request the data as the Practitioner and the **roleCode** of the employee.

Request Parameter roleCode Value	Is Supported (Y/N)?	Usage
Practitioner	Y	Updates the worker legal address as 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 **/events/hr/v1/worker.legal-address.change/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 /events/hr/v1/worker.legal-address.change request.
3. Your consumer application makes a **/events/hr/v1/worker.legal-address.change** request the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/events/hr/v1/worker.legal-address.change**.

Data Dictionary

This API exposes values found in the ADP Vantage HCM UI by selecting **People > Employee Profile > Personal Information > Addresses.**

The schema of the request payload is shown in the following table.

Schema Location	Field Name in ADP Vantage UI	Is Required (Y/N)	Note
/worker/person/legalAddress/lineOne	**Address Line 1**	Y	
/worker/person/legalAddress/lineTwo	**Address Line 2**	N	
/worker/person/legalAddress/cityName	**City**	Y	
/worker/person/legalAddress/postalCode	**ZIP**	Y	
/worker/person/legalAddress/countryCode	**Country**	Y	
/worker/person/legalAddress/countrySubdivisionLevel1	**State**	Y	
/worker/person/legalAddress/countrySubdivisionLevel1/codeValue	**State**	Y	
/worker/person/legalAddress/lineThree	Not Displayed	N	
/worker/person/legalAddress/lineFour	Not Displayed	N	
/worker/person/legalAddress/lineFive	Not Displayed	N	
/worker/person/legalAddress/countrySubdivisionLevel2/longName	**County**	N	
/data/eventContext/worker/associateOID	Not Displayed	Y	

Responses

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

For more information, see API Common Exceptions and Tips for Handling.

Response Code	Condition	messageTxt
200 Success	Change worker's legal address	NA
200 Success	Change worker's legal address to Canadian address	NA

200 Success	Change worker's legal address to Foreign address	NA
400 Bad Request	When **Address Line 1** isn't passed in request.	"**messageTxt**": "You must enter a value in the required field (Employee Personal Data-Address (Line 1))."
400 Bad Request	When **City** isn't passed in the request.	"**messageTxt**": "You must enter a value in the required field (Employee Personal Data-City)."
400 Bad Request	When **countrySubdivisionLevel1** isn't passed in the request.	"**messageTxt**": "You must enter at least Address (Line 1), City, State/Province, and ZIP/Postal Code."
400 Bad Request	When **Postal Code** isn't passed in the request.	"**messageTxt**": "You must enter at least Address (Line 1), City, State/Province, and ZIP/Postal Code."
400 Bad Request	When invalid **Country Code** is passed in the request.	"**messageTxt**": "You have entered an invalid value for Employee Personal Data-State. Select a valid value from the list provided."
400 Bad Request	When non-US address is passed in the request for employees in US and Canada pay groups.	"**messageTxt**": "Employees in U.S. and Canadian pay groups must have U.S. or Canadian home addresses."
400 Bad Request	When **lineThree, lineFour and lineFive** values are passed in the request.	"**messageTxt**": "Address lines 3, 4, and 5 are for use only with countries other than US or Canada."

Fields not supported to update by this API

The table below list the fields that can't be updated by this API.

Schema Location	Field Name
People > Employee Profile > Personal Information > Addresses	**Date of Residence**
People > Employee Profile > Personal Information > Addresses	**County**

Application Scope

The following uniform resource identifier (URI) needs to be added to your application scope to enable this use case:

/hr/workerInformationManagement/workerManagement/addressManagement/worker.personalAddress.change

/hr/workerInformationManagement/workerManagement/addressManagement/worker.personalAddress.add

Supported Actors

ADP APIs have built-in data entitlement and access control. The response contains data based on the **roleCode** parameter value in an API request. For example, a person could have two roles defined in an ADP application, a Practitioner who manages all employees, and an employee. Your application will use the practitioner **roleCode** to request the data as the Practitioner and the **roleCode** of the employee.

Request Parameter roleCode Value	Is Supported (Y/N)?	Usage
Practitioner	Y	Updates the worker Personal address as a practitioner. A system user is considered as 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 **/events/hr/v1/worker.personal-address.change/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 /events/hr/v1/worker.legal-address.change request.
3. Your consumer application makes a **/events/hr/v1/worker.personal-address.change** request the ADP API endpoint.
4. The ADP API endpoint responds to the consumer application concerning the details of **/events/hr/v1/worker.personal-address.change**.

Data Dictionary

Resources listed in the following table can be accessed in ADP Vantage HCM UI under **People > Employee Profile > Personal Information > Addresses.**

Schema Location	Field Name in ADP Vantage UI	Is Required (Y/N)	Note
/worker/person/personalAddress/lineOne	**Address Line 1**	Y	
/worker/person/personalAddress/lineTwo	**Address Line 2**	N	
/worker/person/personalAddress/lineThree	Not Displayed	N	
/worker/person/personalAddress/lineFour	Not Displayed	N	
/worker/person/personalAddress/lineFive	Not Displayed	N	

/worker/person/personalAddress/cityName	**City**	Y	
/worker/person/personalAddress/countrySubdivisionLevel1	**State**	Y	
/worker/person/personalAddress/countrySubdivisionLevel1/codeValue	**State**	Y	
/worker/person/personalAddress/countryCode	**Country**	Y	
/worker/person/personalAddress/postalCode	**ZIP**	Y	
/worker/person/personalAddress/sameAsAddressIndicator	**Same as home address?**	Y	This indicator is used to support the ability to say that one address is the same as the legal address.
/data/eventContext/worker/associateOID	Not Displayed	Y	

Responses

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

For more information, see API Common Exceptions and Tips for Handling.

Response Code	Condition	messageTxt	Tips to Handle
201 Created	**Add** worker's personal address with sameasAddressIndicator=false	NA	**Add Worker Personal Address can be used only if the Personal Address is not added using Worker Hire API Event.
201 Created	**Add** worker's personal address with Canadian address and sameasAddressIndicator=false	NA	
201 Created	**Add** worker's personal address with Foreign address and sameasAddressIndicator=false	NA	
200 Success	**Change** worker's personal address with sameasAddressIndicator=false	NA	
200 Success	**Change** worker's personal address to Canadian address with sameasAddressIndicator=false	NA	
200 Success	**Change** worker's personal address to Foreign address with sameasAddressIndicator=false	NA	
200 Success	**Change** worker's personal address with sameasAddressIndicator=true	NA	
400 Bad Request	When **Address Line 1** isn't passed in	"**messageTxt**": "You must enter a value i	

	request.	n the required field (Employee Personal Data-Address (Line 1))."	
400 Bad Request	When **City** isn't passed in the request.	"**messageTxt**": "You must enter at least Address (Line 1), City, State/Province, and ZIP/Postal Code."	
400 Bad Request	When **countrySubdivisionLevel1** isn't passed in the request.	"**messageTxt**": "You must enter at least Address (Line 1), City, State/Province, and ZIP/Postal Code."	
400 Bad Request	When **Postal Code** isn't passed in the request.	"**messageTxt**": "You must enter at least Address (Line 1), City, State/Province, and ZIP/Postal Code."	
400 Bad Request	When invalid **Country Code** is passed in the request.	"**messageTxt**": "You have entered an invalid value for Employee Personal Data-State - Other. Select a valid value from the list provided."	
400 Bad Request	When **lineThree, lineFour and lineFive** values are passed in the request.	"**messageTxt**": "Address lines 3, 4, and 5 are for use only with countries other than US or Canada."	