



Guide

Pay Advance APIs Guide for ADP eXpert Brazil

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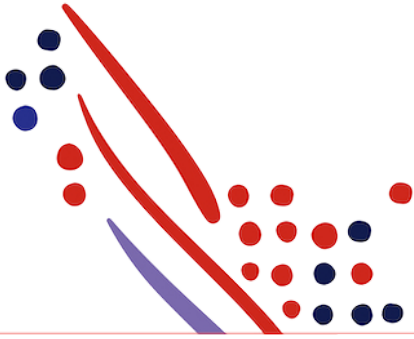


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About this API

Summary

The Pay Advance API Guide describes how your application can access information relating to amounts relating to payroll codes to demonstrate amounts paid as a result of advance requests and payments relating to early disbursement.

Payrolls of the following types will be considered: ADIDET (Thirteenth Advance), ADIPAR (Partial Advance) and ADIQUI (Biweekly Advance).

It also guides you through the implementation of each use case.

What's new in this guide

In this section, we will announce any new revisions to the Pay Code Management Application Programming Interface (API) and this guide.

June, 2023

- First revision of this document

Process Overview

The following table shows how your data connector application would be used by a client.

	Actor Task	Description
1	HR Practitioner	Trigger the API-based data exchange between your application and ADP eXpert
2	Your Application	Retrieve which APIs a given user can use.

Required Setup Steps

There are no required setup steps.

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](#).

Before You Begin

ADP provides a comprehensive set of organization jobs APIs to stay in synch with an ADP application and do the following:

- Retrieve list with the pay advance requests, for a specific worker.
- Retrieve the total amount of advance requests for a specific payroll advancement for a specific worker.
- Retrieve list of pay code amount of pay advance disbursements for a specific worker.
- Retrieve list all pay code amount of advance disbursements for all workers.

The amount of data retrieved by your application may vary based on the target ADP system and the ADP system configurations.

Chapter 2

Use Case: Retrieving Basic Pay Advance Requests Information

Before You Begin

This API contains the data of the APIs an user can access, separating the by the hierarchy determined by the ADP Marketplace.

API Usage

Method	URI	Description	GitHub Examples
GET	/payroll/v1/workers/{aoid}/pay-advance.requests/{pay-advance-request-id}	Requests a specific pay advance request for a worker.	JSON Payload Example
GET	/payroll/v1/workers/{aoid}/pay-advance.requests	Requests the list of available pay advance requests for a specific worker.	JSON Payload Example

Scope of Application

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:

/payroll/payrollManagement/payAdvanceManagement/payAdvanceManagement/payAdvanceRequest.read

Supported OData Query Options

This use case supports Query String Options as defined by Open Data Protocol (OData).

Query String Option	Description	Example
\$top	Requests the number of items in the queried collection to be included in the result.	/payroll/v1/workers/{aoid}/pay-advance.requests?\$top=100

	For the eXpert BR SOR the maximum size is 100 items.	
\$skip	Specifies the number of items in the queried collection to be skipped and not included in the result.	/payroll/v1/workers/{aoid}/pay-advance.requests?\$skip=100
\$filter	Filters a collection of resources addressed by a request Uniform Resource Locator (URL). Only items for which the expression evaluates to true are included in the response.	/payroll/v1/workers/{aoid}/pay-advance.requests \$filter/payAdvanceRequests/statusCode/effectiveDate EQ "2023-01-01"

Data Dictionary

See Appendix A: Data Dictionary on page for data retrieval.



Note

All fields are supported for this Use Case.

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development. The error JSON will also have a message detailing the error identified.

Return Code	Return Condition
200 OK	Retrieves list of pay advance requests with details.
200 OK	Retrieves single pay advance request details.
400 Bad Request	It would be returned if you call the API with missing mandatory headers or have invalid headers values.
403 Forbidden	When credentials do not have access to resource, e.g. trying access an associate that is not into caller's hierarchy
404 Not Found	The client doesn't have the Marketplace Module for eXpert BR, the job wasn't found or there was an invalid argument or OData command.
406 Not Acceptable	An invalid OData command was sent or there's a problem with the commands sent.
412 Precondition Failed	When the roleCode is different from Practitioner.

Chapter 3

Use Case: Retrieving Pay Advance Disbursements Information

Before You Begin

This API contains the data of the APIs an user can access, separating the by the hierarchy determined by the ADP Marketplace.

API Usage

Method	URI	Description	GitHub Examples
GET	/payroll/v2/workers/{aoid}/pay-advance-disbursements	Requests the list of available pay advance disbursements for a specific worker.	JSON Payload Example
GET	/payroll/v2/worker-pay-advance-disbursements	Requests the list of available pay advance disbursements for all workers.	JSON Payload Example

Scope of Application

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:

/payroll/payrollManagement/payAdvanceManagement/payAdvanceDisbursementManagement/payAdvanceDisbursements.read

Supported OData Query Options

This use case supports Query String Options as defined by Open Data Protocol (OData).

Query String Option	Description	Example
\$top	<i>Requests the number of items in the queried collection to be included in the result.</i> <i>For the eXpert BR SOR the maximuage size is 100 items.</i>	/payroll/v2/workers/{aoid}/pay-advance-disbursements?\$top=100
\$skip	<i>Specifies the number of items in the queried collection to be skipped and not included in the result.</i>	/payroll/v2/workers/{aoid}/pay-advance-disbursements?\$skip=100
\$filter	<i>Filters a collection of resources addressed by a request Uniform Resource Locator (URL). Only items for which the expression evaluates to true are included in the response.</i>	/payroll/v2/workers/{aoid}/pay-advance-disbursements \$filter=/workerPayAdvanceDisbursements/paymentDisbursements/ disbursementDateTime EQ ' 2023-01-01 ' AND workerPayAdvanceDisbursements/ paymentDisbursements /payDocumentID EQ ' 15_1_1_2332_342334 '

See Appendix B: Data Dictionary on page for data retrieval.



Note

All fields are supported for this Use Case.

Responses

You may encounter exceptions outside your common success scenarios. You must account for these exceptions during your initial development. The error JSON will also have a message detailing the error identified.

Return Code	Return Condition
200 OK	Retrieves list of pay advance disbursements with details.
200 OK	Retrieves single pay advance disbursements details.
400 Bad Request	It would be returned if you call the API with missing mandatory headers or have invalid headers values.
403 Forbidden	When credentials do not have access to resource, e.g. trying access an associate that is not into caller's hierarchy
404 Not Found	The client doesn't have the Marketplace Module for eXpert BR, the job wasn't found or there was an invalid argument or OData command.
406 Not Acceptable	An invalid OData command was sent or there's a problem with the commands sent.
412 Precondition Failed	When the roleCode is different from Practitioner.

Chapter 4

Appendices

Appendix A: Worker Pay Advance Requests GET Data Dictionary

The data dictionary provides the schema resource to application user interface field mapping.

payAdvanceRequests

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/payAdvanceRequests	Request Date	Date of query	Data de consulta

/payAdvanceRequests /requestDate			
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payAdvanceRequests > amount

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/payAdvanceRequests /amount /payAdvanceRequests /amount/amountValue	Amount of the pay advance request	Total amount of the pay advance request	Valor total da solicitação de adiantamento de pagamento
/payAdvanceRequests/a mount/currencyCode	Pay advance request currency code	Currency of pay advance requests. Default "BRL"	Moeda do valor do adiantamento Fixo "BRL".

payAdvanceRequests > itemID

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/payAdvanceRequests /itemID	Pay Advance Request ID	Pay Advance Request identifier composed of: <client code>_<payroll process code>_<company code>_<employment record code>	Identificador único do adiantamento composto de: <código do cliente>_<código do processo de folha de pagamento>_<código da empresa>_<código do registro de emprego do empregado>

payAdvanceRequests > statusCode

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/payAdvanceRequests /statusCode /payAdvanceRequests /statusCode/shortname	Status of the pay advance request	If date request is less than date payment = Pending If date request is greater than date payment = Received	Se data consulta é menor que data de pagamento = Pendent Se data consulta é maior que data de pagamento = Received
/payAdvanceRequests/s tatusCode/effectiveDate	Payment date of the pay advance request	Payment date of the pay advance request	Data de pagamento da solicitação de adiantamento de pagamento

Appendix B: Worker Pay Advance Requests GET Data Dictionary

The data dictionary provides the schema resource to application user interface field mapping.

workerPayAdvanceDisbursements

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/workerPayAdvanceDisbursements			
/workerPayAdvanceDisbursements/associateOID	AssociateOID	Worker's AssociateOID	AssociatedOID do colaborador

workerPayAdvanceDisbursements > workerID

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/workerPayAdvanceDisbursements/workerID			
/workerPayAdvanceDisbursements/workerID/id	WorkerID	Worker's WorkerID	WorkerID do empregado.

workerPayAdvanceDisbursements > payPeriod

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/workerPayAdvanceDisbursements/payPeriod			
/workerPayAdvanceDisbursements/payPeriod/startDate	Start date of payroll period	Start date of payroll period	Data inicial do período de folha
/workerPayAdvanceDisbursements/payPeriod/endDate	End date of payroll period	End date of payroll period	Data final do período de folha

workerPayAdvanceDisbursements > paymentDisbursements

Canonical Field	Label	SOR Rule	SOR Rule (in local language)
/workerPayAdvanceDisbursements/paymentDisbursements	Date payment of the pay advance Disbursement	Payment date of the pay advance Disbursement	Data de pagamento da solicitação de adiantamento de pagamento

/workerPayAdvanceDisbursements/paymentDisbursements/disbursementDateTime			
/workerPayAdvanceDisbursements/paymentDisbursements/transactionStatus /workerPayAdvanceDisbursements/paymentDisbursements/transactionStatus/name	Status of payroll process	Status of payroll process. Default "CLOSED"	Status do processo da folha de pagamento. Fixo "CLOSED"
/workerPayAdvanceDisbursements/paymentDisbursements/payAdvanceRequest /workerPayAdvanceDisbursements/paymentDisbursements/payAdvanceRequest/requestedAmount /workerPayAdvanceDisbursements/paymentDisbursements/payAdvanceRequest/requestedAmount/amount	Amount paid in the pay advance disbursement	Amount paid in the pay advance disbursement	Valor da solicitação de adiantamento de pagamento
/workerPayAdvanceDisbursements/paymentDisbursements/currencyCode	Pay advance disbursement currency	Pay advance disbursement currency Default BRL	Moeda do valor do adiantamento. Fixo "BRL".
/workerPayAdvanceDisbursements/paymentDisbursements/disbursementID	Pay Advance Disbursement Pay Code ID	Pay code ID used in the pay advance. Example: 0010	Código de folha utilizado no adiantamento. Exemplo: 0010
/workerPayAdvanceDisbursements/paymentDisbursements/payDocumentID	Pay Advance ID	Identifier composed of: <client's code>-<company code>-<type payroll number>-<Worker code in eXpert system>	Identificador composto de: <código do cliente>-<código da empresa>-<tipo do processo de folha>-<Worker code in eXpert system>
/workerPayAdvanceDisbursements/paymentDisbursements/disbursementTypeCode /workerPayAdvanceDisbursements/paymentDisbursements/disbursementTypeCode/Name	Disbursement type code	Payroll type code. Possible values: Thirteenth Advance = 5 Partial Advance = 1 Biweekly advance = 2	Tipo de folha de pagamento Adiantamento de Décimo = 5 Adiantamento Parcial = 1 Adiantamento Quinzenal = 2
/workerPayAdvanceDisbursements/paymentDisbursements/distributionInstructionID	Distribution Instruction ID	Pay code ID used in the pay advance. Example: 0010	Código de folha utilizado no adiantamento. Exemplo: 0010
/workerPayAdvanceDisbursements/amount	Amount paid in the pay advance	Amount paid in the pay advance	Valor da solicitação de adiantamento de

sbursements/paymen tDisbursements/disbu rsementAmount /workerPayAdvanceDi sbursements/paymen tDisbursements/disbu rsementAmount/amo unt	disbursement	disbursement	pagamento
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