



Guide

Enterprise Reports API Guide for RUN Powered by ADP

Published on
Oct 16, 2024, 06:45 AM

Last modified
Apr 10, 2026, 08:23 PM





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Published on
Apr 10, 2026, 08:23 PM

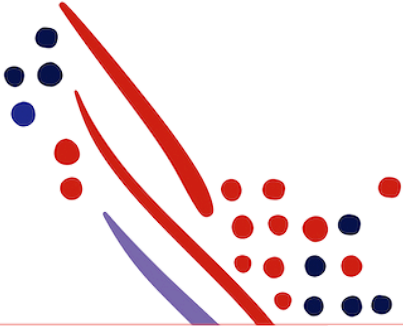


Table of Contents

Chapter 1

About this API

- Summary
- Supported Product Version and Customer Base
- Postman Collection
- Typical Business-to-Business (B2B) Application Integration Flow

Chapter 2

Use Case: Retrieving the Report Templates (Subject)

- Use Case Description
- API Usage
- Application Scope
- Request Header Parameters
- Supported Actors
- Sequence of Interaction
- Responses

Chapter 3

Use Case: Creating a Report Package

- Use Case Description
- API Usage
- Application Scope
- Request Header Parameters
- Supported Actors
- Responses
- Note: Please refer to Api explorer for sample request and responses.
- Data Dictionary

Chapter 4

Use Case: Updating a Report Package

- Use Case Description
- API Usage
- Application Scope
- Request Header Parameters
- Supported Actors
- Responses
- Data Dictionary

Chapter 5

Use Case: Downloading a Report Package

Use Case Description

API Usage

Note: Sample response

Application Scope

Note: Please refer to the attachment for sample response.

Request Header Parameters

Supported Actors

Responses

Chapter 6

Use Case: Report package event notification

Supported Notifications

Chapter 1

About this API

Summary

The Enterprise Reports API supports the management of reports in an organization. These APIs can be used to fetch all the categories and types of reports available to that client by which they can create a report package as per their needs and download the same.

The Enterprise Report API guide for RUN Powered by ADP describes how your application can access and manage information about reports and report packaging using the Enterprise Report APIs. It helps you to determine which use case best meets your business needs. It also guides you through the implementation of each use case.

Supported Product Version and Customer Base

The Enterprise Report API is supported for all RUN Powered by ADP bundles

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 Enterprise Reports API and import them to Postman, go to [this link](#).

Typical Business-to-Business (B2B) Application Integration Flow

Sr No.	Actor	Task Description
1	Client Practitioner	Triggers the API-based data exchange between your application and RUN Powered by ADP.
2	Your Application	Sends request to report package using Enterprise Reports API
3	Your Application	Retrieves the event notifications for the successful execution of action requested for the report package
4	Client Practitioner	Request for downloading the report package and getting the report package file as PDF

Chapter 2

Use Case: Retrieving the Report Templates (Subject)

Use Case Description

This use case describes how to fetch a report template or set of report templates using Enterprise Reports API.

API Usage

Method	URI	Description
GET	/hcm/v2/enterprise-reports	Request the list of all available enterprise report templates that the requester is authorized to view

Note: Please refer to [HCM Enterprise Reports](#) for sample response.

Application Scope

The canonical uniform resource identifier (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:

Method	URI	Canonical URI
GET	/hcm/v2/enterprise-reports	/hcm/organizationInformationManagement/organizationReportingManagement/reportManagement/reportTemplates.read

Request Header Parameters

None other than ADP standard header parameters.

Supported Actors

Request Parameter role code value	Usage
Practitioner	A practitioner can request to retrieve the report templates

Sequence of Interaction

The following is the sequence of interactions to retrieve worker information for a collection of workers:

1. Your consumer application requests the report templates to the ADP API endpoint for the Enterprise Reports API.
2. The ADP API endpoint responds to the consumer application with the processing result.

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	MessageText
200 OK	Retrieves all the available Report Templates that the requester is authorized to view	
401 Unauthorized	The requester passed invalid authorization token key eg: Invalid token	"Invalid authorization credentials"

Note: Please refer to [Api explorer](#) for sample request and response.

Chapter 3

Use Case: Creating a Report Package

Use Case Description

This use case describes how to create a report package using Enterprise Reports API.

API Usage

Method	URI	Description
POST	/hcm/v2/enterprise-report-packages	This API request creates a report package based on the provided payload.

Note: Please refer to [HCM Enterprise Reports](#) for sample response.

Application Scope

The canonical uniform resource identifier (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:

Method	URI	Canonical URI
POST	/hcm/v2/enterprise-report-packages	/hcm/organizationInformationManagement/organizationReportingManagement/reportPackageManagement/reportPackages.add

Request Header Parameters

None other than ADP standard header parameters.

Supported Actors

Request Parameter role code value	Usage
Practitioner	A practitioner can request to create the report package

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
200 Ok	Successfully Creates a Report Package	
400 Bad Request	Invalid request body is passed	"Invalid Request Body"
500 Internal Server Error	The redirected request response returns an error response e.g. 40x, 50x responses	"Unable to create Report -Package"

Note: Please refer to [Api explorer](#) for sample request and responses.

Data Dictionary

The Data Dictionary provides the schema resource to application user interface field mapping. Resources listed in the following table can be created or modified through the API.

The report package generated using the APIs can be found in RUN Powered by ADP by selecting:

Reports (Left Menu) > Generated report packages

Schema Location	Purpose	Required (Y/N)	Note
enterpriseReportPackages[0].reportPackageName	After the package is generated, this will serve as the report name.	Y	
enterpriseReportPackages[0].reportTemplates	This object will encompass all the report templates that have been requested.	Y	
enterpriseReportPackages[0].reportTemplates.reportName	This will be the report template name that the user wants to create	Y	
enterpriseReportPackages[0].reportTemplates.reportDescription	This will be the report template description that the user wants to create	N	
enterpriseReportPackages[0].reportTemplates.reportTypeCode.code	This will be the report template type code that the user wants to create	Y	
enterpriseReportPackages[0].reportTemplates.reportTypeCode.name	This will be the report template name that the user wants to create	Y	
enterpriseReportPackages[0].reportTemplates.reportClassCode.code	This will be the report template class-type code that the user wants to create	Y	
enterpriseReportPackages[0].reportTemplates.reportClassCode.name	This will be the report template class name that the user wants to create	Y	
enterpriseReportPackages[0].reportTemplates.templateOwner.associateOID	This will be the associate ID of the owner of the report package	N	

	generated		
enterpriseReportPackages[0].reportTemplates.createdDateTime	This will be the time for report template generation	N	
enterpriseReportPackages[0].reportTemplates.lastModifiedDateTime	This will be the time when the latest modifications were done to a report	N	
enterpriseReportPackages[0].runtimeSettings.runtimeEffectivity	This object will contain all the information related to the period of a report	Y	
enterpriseReportPackages[0].runtimeSettings.runtimeEffectivity.effectiveAtExecutionDateIndicator		Y	
enterpriseReportPackages[0].runtimeSettings.runtimeEffectivity.effectivePeriod.startDate	This will be the start date from which the report has to be generated	Y	The Report Can be generated for a maximum period of one year. So the difference between startDate and endDate cannot exceed one year
enterpriseReportPackages[0].runtimeSettings.runtimeEffectivity.effectivePeriod.endDate	This will be the end date from which the report has to be generated	Y	The report can cover a maximum period of one year, so the difference between the startDate and endDate cannot exceed one year.
enterpriseReportPackages[0].runtimeSettings.runtimeEffectivity.userInputRequiredIndicator		Y	

Chapter 4

Use Case: Updating a Report Package

Use Case Description

This use case describes how to update a report package using Enterprise Reports API.

API Usage

Method	URI	Description
PUT	/hcm/v2/enterprise-report-packages/{report-package-id}	This API request updated a report package based on the provided payload and report-package-id.

Note: Please refer to [HCM Enterprise Reports](#) for sample response.

Application Scope

The canonical uniform resource identifier (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:

Method	URI	Canonical URI
PUT	/hcm/v2/enterprise-report-packages/{report-package-id}	/hcm/organizationInformationManagement/organizationReportingManagement/reportPackageManagement/reportPackage.change

Request Header Parameters

None other than ADP standard header parameters.

Supported Actors

Request Parameter role code value	Usage
Practitioner	A practitioner can request to update the report package

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
200 Ok	Successfully updates a Report Package	
500 Internal Server Error	The redirected request response returns an error response e.g. 40x, 50x responses	"Unable to process the request. Please try again later"

Data Dictionary

Please refer to the Data Dictionary provided for the Update Report Template in Chapter 3

Chapter 5

Use Case: Downloading a Report Package

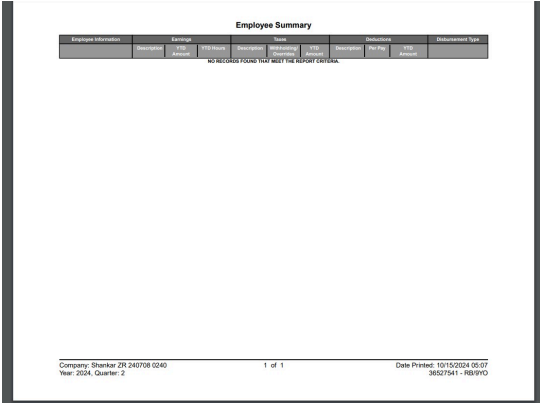
Use Case Description

This use case describes how to download a report package using Enterprise Reports API.

API Usage

Method	URI	Description
GET	/hcm/v2/enterprise-report-packages/{report-package-id}/executions/{execution-id}/exports/{export-id}/content	This API request to download a report package based on the provided report-package-id and execution-id which we get from the event notification.

Note:Sample response



Application Scope

The canonical uniform resource identifier (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:

Method	URI	Canonical URI
GET	/hcm/v2/enterprise-report-packages/{report-package-id}/executions/{execution-id}/exports/{export-id}/content	/hcm/organizationInformationManagement/organizationReportingManagement/reportPackageManagement/reportPackage.execution.export.content.read

Note: Please refer to the attachment for sample response.

Request Header Parameters

None other than ADP standard header parameters.

Supported Actors

Request Parameter role code value	Usage
Practitioner	A practitioner can request to update the report package

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
200 Ok	Successfully downloads a Report.	
400 Bad Request	Invalid report-package-id is passed.	Invalid reportPackageld

Note: Please refer to [HCM Enterprise Reports](#) for sample response.

Chapter 6

Use Case: Report package event notification

ADP applications trigger notifications when a report package is created or an existing report package is updated. For more information about ADP notifications, see [ADP Event APIs and Event Notification Guide](#).

Supported Notifications

The following describes the report package event-notification:

**Event notification is supported both through API

Event name	Application Scope
Report package creation/ Updating	/hcm/organizationInformationManagement/organizationReportingManagement/reportManagement/reportPackage.execution.complete