Guide
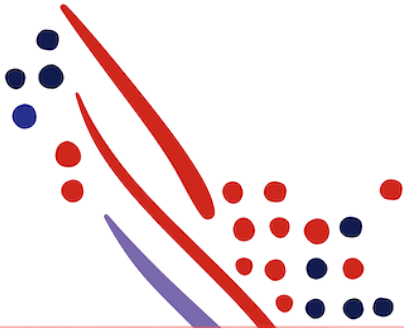
Work Schedules API Guide for ADP TimeConnect

Published on
Feb 28, 2024, 12:01 PM

Last modified
Mar 28, 2024, 08:48 AM

ADP Copyright Information

Published on
Feb 28, 2024, 12:01 PM

Published on
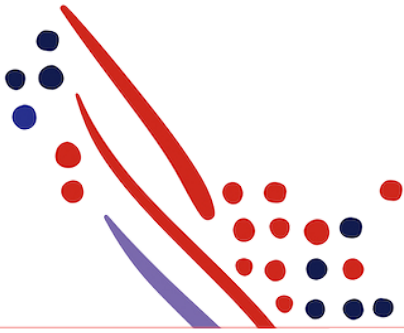Mar 28, 2024, 08:48 AM

Table of Contents

Chapter 1

Use Case: Retrieving Work Schedules details for an Employee.

Use Case Description

The Work Schedules API is used to fetch data about public holidays and days off of one employee for a given period.

API Usage

Met hod	Uniform Resource Identifier (URI)	Description	GitHub Sample Response Payload
GET	/time/v1/workers/{aoid}/work-schedules?$filter=schedulePeriod/startDate ge '2024-01-01' and schedulePeriod/endDate le '2024-12-31'	Getting all public holidays and days off for an employee and for a given period.	get-work-schedules-http-200-response.json

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 :

/time/timeLaborManagement/scheduleManagement/workScheduleManagement/workSchedule.read

Request End Point Parameters

Path Parameter	Description
Associate Object ID (AOID)	Associate ID of the employee (for a specific employee)

Request Header Information

There are no request header parameters, in addition to the ADP standard header parameters.

4

Supported OData Query Options

Filter fields	Description	Example
schedulePeriod/startDate	Start of the requested period	schedulePeriod/startDate ge '2024-01-01'
schedulePeriod/endDate	End of the requested period	schedulePeriod/endDate le '2024-12-31'

Fields can be combined:

$filter=schedulePeriod/startDate ge '2024-01-01' and schedulePeriod/endDate le '2024-12-31'

Data Entitlement

Is important to consider that the API results are bound to the consumer's rights and population. These rights define the reach of the visible

fields in the JSON obtained in a GET method. In a POST method, the data to be sent is, again, bound to consumer's rights.

Every consumer is part of a population where he has the right to access associate's data. If the request is being made for an associate that doesn`t belong to the population then an error response will be returned

Output pay load

The payload contains a list of work schedules but only one is provided by ATC.

Location	Description	Example
itemID	Associate ID of the employee	
associateOID	Associate ID of the employee	
scheduleDays	A list of schedule days of an employee for a given period	
scheduleDayDate	Day's date of schedule	2024-12-31
scheduleEntries	A list of schedule entries for a specific date	
shiftTypeCode	Shift type code of a schedule entry **publicHoliday**: indicates a public holiday. **restDay**: indicates a day off.	

Sequence of interactions

The following are the steps to retrieve the work schedules information:

1. Your consumer application requests to the ADP API endpoint to GET the work schedules information.

2. The ADP API endpoint responds to your consumer application with work schedules information according to the data entitlement.