



Guide

Job Applications V2 API Guide for ADP Recruiting Management

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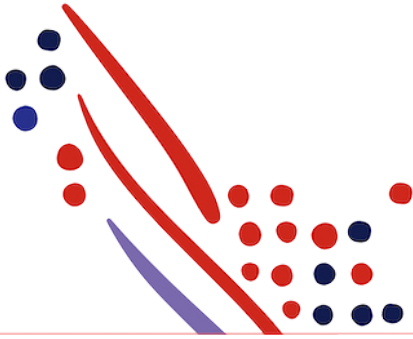


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Issue Description

Impacted APIs

Suggested Workaround

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country-postal-codes codeList API doesn't give expected error message when no country code filter is passed in the end point

Impacted APIs

Issue 4 :

Status filter (\$filter) in the GET API end point returns a blank response when the value provided in \$filter is incorrect

Issue 5:

Issue 6:

About this API

Summary

The Job Applications V2 Application Programming Interface (API) is used to create or update an existing job application and to retrieve a list of job applications or a single job application.

What's New in this Guide?

In this section, we will announce any new revisions to the Job Applications V2 API and this guide.

November 2021

- Updated supported fields under Chapter 3 : Submitting and Updating a Job Application
- Added below schema locations in Data dictionary
- **Work Authorization Indicator**
SMS Consent Notification indicator
Custom Field Value
- Updated sample responses for first two conditions under "Responses" section of Chapter 3 : Submitting and Updating a Job Application
- Added new Chapter 4 : Changing Job Application Status.

June 2021

- Updated information on \$top and \$skip parameters Chapter 2 > Supported OData Query Options
- Added information on last-modified parameter Chapter 2 > Supported OData Query Options

March 2021

- Added filter information under Chapter 2 > Supported OData Query Options.
- Updated Issue 1 description. Chapter 5 > Issue 1.

Process Overview

The following table shows an illustration of how the Job Applications V2 API would be used by a client.

	Actor	Task Description
1	Practitioner	Triggers and sends the GET request to ADP Recruiting Management

2	Application	Marketplace using the API to retrieve Job Applications.
		Gets the corresponding data using the Job Applications API.

Supported Product Version and Customer Base

Clients on the most current version of the Job Applications V2 API for ADP Recruiting Management.

Required Setup Steps

ADP Recruiting Management requires a one time setup, which needs to be done by the ADP TPC by selecting **Basic Client Setup > Marketplace API** section. Client level and vendor specific settings can be configured in the ADP Recruiting Management application.

Refer to the following table on setup pages.

Records	ADP Recruiting Management
Marketplace API Client level setting	Setup > Basic Client Setup > (Section) Marketplace API. All available APIs can be enabled here, along with event notifications and any status based triggers.
Marketplace API vendor specific setting	Setup > Basic Client Setup > (Section) Marketplace API. (Select Vendor from list). Specific operation codes, status based configuration can be enabled here.
Operation codes	Appropriate operation codes need to be selected in this section.

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 Job Applications V2 API from the ADP GitHub library and import them to Postman, go to [Job Applications V2 API Postman Collection](#)

Chapter 2

Use Case: Getting a Collection of Job Applications

Use Case Description

This use case retrieves a collection of Job Applications available for a given client. Currently, it supports an exact value that can be pulled from the Status Code List API Documentation Guide.

New York City (N.Y.C.) has issued a Final Rule on Automated Employment Decision Tools (AEDTs). To facilitate compliance with the Final Rule, ADPRM is making a change to the API by adding a new field which will help clients using ADP's Candidate Relevancy solution.

Consuming applications that uses the GET method API should not alter the value unless the field was exposed to candidate and they change it intentionally. If the field is not exposed to candidates, then consuming application should send back the same value that they got without any change in the value for the candidate.

API Usage

Method	Uniform Resource Identifier (URI)	Description	Sample Request Payload	Sample Response Payload
GET	/staffing/v2/job-applications	<p>Request list of job applications.</p> <p>Important:</p> <ol style="list-style-type: none"> 1. GET API response also returns personal Contact, Direct deposit, Job requisitions, US tax profiles API end points under links sections. 2. To consume these APIs, necessary scopes need to add in CAR. 3. Scopes list: <ul style="list-style-type: none"> o /staffing/staffingManagement/positionSeekerManagement/document.read o /staffing/staffingManagement/positionSeekerM 	NA	job-applications-v2-select-applicant-http-200-response.json

anage
ment/
perso
nalCo
ntact
Manag
ement
/appli
cant.p
erson
alCont
act.re
ad
o /staffi
ng/sta
ffing
Manag
ement
/positi
onSee
kerMa
nagem
ent/pa
yDistr
ibutio
nMan
ageme
nt/app
licant.
payDi
stribu
tion.re
ad
o /staffi
ng/sta
ffing
Manag
ement
/positi
onSee
kerMa
nagem
ent/ta
xProfi
leMan
ageme
nt/app
licant.
usTax
Profil
e.read
o /staffi
ng/sta
ffing
Manag
ement
/work

		FullfillManagement/jobRequisitionManagement/jobRequisition.read		
	/staffing/v2/job-applications/{itemID}	Request single application.	NA	job-applications-v2-select-applicant-http-200-response.json

Application Scope

The canonical URI corresponding to the Job Applications V2 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:

/staffing/staffingManagement/positionSeekerManagement/applicantManagement/jobApplication.read

Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Retrieves a list of all available job applications. A system user is considered a Practitioner.

Supported OData Query Options

This use case supports Query String Options as defined by Open Data Protocol (OData). For more information about OData, see [Introduction to ADP API Open Data Protocol \(OData\)](#).

Query String	Description	Example
\$select	Helps narrow down selection to only applicant (will return 'applicant' in the output) Important: SELECT query-like attachments, applicationQuestionnaire and links are currently not supported. This feature will be available in a future release.	...?\$select=applicant

\$top and \$skip	Indicates pagination for job application results. If \$top value is not provided or is greater than 100 or less than 1, the value of \$top will be set to 100. If \$skip value is not provided or is less than 0, the \$skip value will be set to 0. \$top=10&\$skip=5 - will skip 5 records and display the next 10 records. There is no max value for \$skip, it just needs to be a numeric value.	...?\$top=10&\$skip=5
\$filter	Helps filter down the list of applications based on status and sub status. The value for status can be obtained from a call to Applicant Status Code API in CodeList API Guide for ADP Recruiting Management . This is a combination of 'status_substatus' OR 'status' only. This must be in the ODATA format and only status filter is currently supported.	..?\$filter=((status eq '99900044.00038100'))
last-modified	Helps filter down the list of applicants based on date and time the job application has been modified. Those job applications that were modified after the provided timestamp are returned. The timestamp should be provided in the following format: 'E, dd MMM yyyy HH:mm:ss z'	..?\$last-modified=Mon, 10 Oct 2020 12:00:00 GMT

Other Supported Features

There are no other supported features.

Other Supported Parameters

There are no other supported parameters.

Sequence of Interactions

1. Your consumer application makes a request to the ADP API endpoint for getting the list of applications for a given client.
2. The ADP endpoint responds to your consumer application by retrieving the list of applications based on the **\$filter** values, if provided.
3. If **\$filter** value is not provided, no filter is applied and the API retrieves all available applications.

Data Dictionary

The Data Dictionary section is documented in [Chapter 3 - Use Case: Submitting and Updating a Job Application](#), under the **Data Dictionary** section.

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	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	Returns all job applications.	NA	NA	applications-200-response.json	
200 OK	Returns single job applications.		NA	singleApplication-200-response.json	
204 No Content	Returns when applicationID is invalid.		NA	NA	

Chapter 3

Use Case: Submitting and Updating a Job Application

Use Case Description

This use case allows the user to submit or update a Job Application. In the ADP Recruiting Management application, a value needs to be set for the **JobApplication Submit Default Candidate Status**, as this will be the default value a Job Application would be set to when it is submitted using the Job Applications V2 API. After a job application is submitted, emails can get triggered to be sent out based on the configuration for sending emails. If a candidate receives email, it would have all necessary information for the candidate to take the next steps, although this too depends on the configuration. One such step could be to logged on to the Client's Career Site and complete the application process. First time users would need to use **Forgot Password**, then reset their password and proceed with the application on the Career Site.

Values for some fields can be obtained by calling the Code List API as mentioned in the **Code List API for data in Job Application Submit** section that follows.

To update the Job Application, the same API can be used with appropriate values in the request payload, which needs to get updated.

API Usage

Method	URI	Description	GitHub Sample Request Payload	GitHub Sample Response Payload
GET	events/staffing/v1/job-application.submit/meta	Returns the META data for the Job Application Submit API.	NA	Response-meta
POST	events/staffing/v1/job-application.submit	<ol style="list-style-type: none"> 1. Submit a job application. 2. The same API will be used to update the Job Application by using 	Submit: job-application-submit-http-200-request.json Update: JobApplications-update-200-request.json	Submit: job-application-submit-applicant-http-200-response.json Update: JobApplications-update-200-response.json

		<p>the applicatio nID.</p> <p>Important: Only the following fields are supported for update.</p> <p>transform > JobApplication > applicant</p> <pre> "person": { "address": { "lineOne": "Sasanen agar", "lineTwo": "Mantri Market", "cityName": "Pune" }, "countryCode": "IN D", "postalCode": "411 028" }, "communication": { "mobiles": ["notificationIndicator": true, "nameCode": { "shortName": "Cell", "longName": "Phone" }, "formattedNumber": "98608 31111" }, { "formattedNum ber": "9860831111" }, { "formattedNum ber": "8898761111" }], "landlines": [{ "formattedNum ber": "9860831111" }, { "formattedNum ber": "8898761111" }], </pre>		
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Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Submits a job application. A system user is considered a Practitioner.

Supported OData Query Options

There are no supported query options

Other Supported Features

There are no other supported features.

Other Supported Parameters

There are no other supported parameters.

Application Scope

The following canonical needs to be added to your application scope in order to enable this use case:

/staffing/staffingManagement/positionSeekerManagement/applicantManagement/jobApplication.submit

Data Dictionary

Resources listed in the following table can be accessed in the application through the gear icon for each candidate or assignment.

Log in to the ADP Recruiting Management application. On the left portion of the screen, click **Quick Search**. Enter the **assignmentID**, **candidateID**, or candidate first and last name or email address and click **Go**. This will list the candidate. User can then click the gear icon next to the candidate name and then **Assignment backfill**, **Assignment data**, **Candidate backfill**, or **Candidate data** to view the following fields. **Candidate and Assignment External Links** can be accessed from ADP Recruiting Management application by navigating to candidate gear, as described above, and clicking on **External Links**.

New York City (N.Y.C.) has issued a Final Rule on Automated Employment Decision Tools (AEDTs). To facilitate compliance with the Final Rule, ADP Recruiting Management is making a change to the API by adding a new field which will help clients using ADP's Candidate Relevancy solution.

This new field helps candidates to choose whether their application can be sent to Candidate Relevancy solution for processing or not. If a candidate does not want their job application to be sent to Candidate Relevancy, they need to choose opt-out. Otherwise(if they choose opt-in), their job application will be sent to Candidate Relevancy. If consuming applications does not send a value for this field, ADP Recruiting will assume that the candidates opted out and the job applications will not be sent to Candidate Relevancy.

Schema Location	Field Name	Note
Name		
/jobApplications/applicant/person/personName/givenName	First Name	
/jobApplications/appli	Middle	

cant/person/personName/middleName	Name	
/jobApplications/applicant/person/personName/familyName1	Last Name	
/jobApplications/applicant/person/preferredName/givenName	Preferred Name	
/jobApplications/applicant/person/communication/emails/emailUri	Email Address	
/jobApplications/applicant/person/personOID	External ID	
/jobApplications/applicant/workAuthorizationIndicator	Work Authorization Indicator	
Address		
/jobApplications/applicant/person/address/lineOne	Address 1	
/jobApplications/applicant/person/address/lineTwo	Address 2	
/jobApplications/applicant/person/address/cityName	City	
/jobApplications/applicant/person/address/countrySubdivisionLevel/codeValue	State	
/jobApplications/applicant/person/address/countryCode	Country	
/jobApplications/applicant/person/address/postalCode	Zip/Postal Code	
Phone		
/jobApplications/applicant/person/communication/landlines/formattedNumber	Primary Phone/Alternate Phone	
/jobApplications/applicant/person/communi	Primary Phone/Alt	

cation/mobiles/ formattedNumber	ernate Phone	
/jobApplications/appli cant/person/communi cation/landlines/ nameCode/shortName	Home	
/jobApplications/appli cant/person/communi cation/landlines/ nameCode/longName	Phone	
/jobApplications/appli cant/person/communi cation/mobiles/ nameCode/shortName	Cell	
/jobApplications/appli cant/person/communi cation/mobiles/ nameCode/longName	Phone2	
/jobApplications/applica nt/person/communicatio n/mobiles/notificationIn dicator	SMS Consent Notificatio n indicator	
Employment		
/jobApplications/appli cant/employmentHist ory/employmentStart Date	Employme nt Start Date	
/jobApplications/appli cant/employmentHist ory/employmentEndD ate	Employme nt End Date	
/jobApplications/appli cant/employmentHist ory/employerName	Employme nt Employer	
/jobApplications/appli cant/employmentHist ory/employerAddress /lineOne	Employme nt Address 1	
/jobApplications/appli cant/employmentHist ory/employerAddress /lineTwo	Employme nt Address 2	
/jobApplications/appli cant/employmentHist ory/employerAddress /cityName	Employme nt City	
/jobApplications/appli cant/employmentHist ory/employerAddress /countryCode	Employme nt Country	

/jobApplications/applicant/employmentHistory/employerAddress/countrySubdivisionLevel	Employment State	
/jobApplications/applicant/employmentHistory/employerAddress/postalCode	Employment Zip Code	
/jobApplications/applicant/employmentHistory/currentEmployerIndicator	Employment Employer Type	
/jobApplications/applicant/employmentHistory/allowContactEmployerIndicator	Employment - May we contact for reference?	
/jobApplications/applicant/employmentHistory/employerCommunication/landlines/formattedNumber	Employment Supervisor Phone	
/jobApplications/applicant/employmentHistory/positionHistory/positionTitle	Employment End Position/Title	
/jobApplications/applicant/employmentHistory/positionHistory/responsibilities/responsibilityDescription	Employment Job Duties	
/jobApplications/applicant/employmentHistory/positionHistory/reportsToName/formattedName	Employment Supervisor Name	
/jobApplications/applicant/employmentHistory/positionHistory/reasonForLeaving	Employment Reason for Leaving	
/jobApplications/applicant/employmentHistory/positionHistory/startingPayRate/annualRateAmount/amountValue	Employment Starting Pay	
/jobApplications/applicant/employmentHistory/positionHistory/e	Employment Ending Pay	

endingPayRate/ annualRateAmount/a mountValue		
Education		
/jobApplications/appli cant/educationalDegr ees/startDate	Education Date Attended From	
/jobApplications/appli cant/educationalDegr ees/actualCompletion Date	Education Date Attended To	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/ nameCode/longName	Education School/ University Name	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/address/ lineOne	Education Address	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/address/ cityName	Education City	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/address/ countrySubdivisionLe vel	Education State	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/address/ countryCode	Education Country	
/jobApplications/appli cant/educationalDegr ees/educationalInstitu tion/address/ postalCode	Education Zip Code	
/jobApplications/appli cant/educationalDegr ees/academicCreditsC ompleted	Education Credits/Ho urs Completed	
/jobApplications/appli cant/educationalDegr ees/degreeIssuedIndic ator	Education Graduated	

/jobApplications/applicant/educationalDegrees/issueDate	Education Diploma or Degree Date	
Languages		
/jobApplications/applicant/languages/languageCode/codeValue	Language Code Value	
/jobApplications/applicant/languages/languageCode/longName	Language Description	
Membership		
/jobApplications/applicant/memberships/membershipOrganizationNameCode/longName	Memberships Organization	
/jobApplications/applicant/memberships/memberSinceDate	Memberships Member Since	
References		
/jobApplications/applicant/references/personName/givenName	Reference First Name	
/jobApplications/applicant/references/personName/familyName1	Reference Last Name	
/jobApplications/applicant/references/personName/formattedName	Reference Full Name	
/jobApplications/applicant/references/relationshipTypeCode/longName	Reference Relationship	
/jobApplications/applicant/references/communication/landlines/nameCode/codeValue	Communication Code Value	
/jobApplications/applicant/references/communication/landlines/nameCode/shortName	Communication Short Name	
/jobApplications/applicant/references/communication/landlines/	Communication Description	

nameCode/ longName		
/jobApplications/appli cant/references/com munication/landlines/ formattedNumber	Reference Work Phone Number/ Reference Home Phone Number	
Licenses		
/jobApplications/appli cant/licenses/categor yCode/longName	License Type Descriptio n	
/jobApplications/appli cant/licenses/categor yCode/codeValue	License Type Code Value	
/jobApplications/appli cant/licenses/licensel D/idValue	License Number	
/jobApplications/appli cant/licenses/licenseD escription	License Descriptio n	
/jobApplications/appli cant/licenses/firstIssu eDate	License Issue Date	
/jobApplications/appli cant/licenses/expirati onDate	License Expiration Date	
/jobApplications/appli cant/licenses/issuingP artyNameCode/longNa me	License Agency	
Government ID		
/jobApplications/appli cant/person/governm entIDs/idValue	Actual Governme nt ID Value	
/jobApplications/appli cant/person/governm entIDs/nameCode/cod eValue	Governme nt ID Code Value	
/jobApplications/appli cant/person/governm entIDs/nameCode/shortName	Governme nt ID Descriptio n	
Applicant		

/jobApplications/applicationStatusCode/effectiveD	Applicant Last Modified Date	
Applicant IDs		
/jobApplications/itemID	Applicant ID	
/jobApplications/applicant/internalApplicantIndicator	Internal Applicant Indicator	
/jobApplications/applicant/associateOID	Employee AOID	
Personal Information		
/jobApplications/applicant/workAuthorizationIndicator	Authorized to Work in Country	
/jobApplications/applicant/person/birthDate	Birth Date	
Reference		
/jobApplications/applicantReferredBy/communication/emails/emailUri	Referrer Email	
/jobApplications/applicantReferredBy/personName/givenName	Referrer First Name	
/jobApplications/applicantReferredBy/personName/familyName1	Referrer Last Name	
Attestations		
/jobApplication/attestations/nameCode/codeValue	Attestations code value	
/jobApplication/attestations/nameCode/shortName	Attestations Short name	
/jobApplication/attestations/nameCode/longName	Attestations Long name	
/jobApplication/attestations/acceptedIndicator	Attestations value indicator - true or false	
Custom Fields		
Field Types - MONTHS, DAYS_OF_WEEK,	Code Fields	

ALLSTATES, COUNTRIES, AUTO LIST, SELECTION		
/jobApplications/applicant/person/customFieldGroup/codeFields/codeValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/codeFields/longName	Custom Field Value - Description	
/jobApplications/applicant/person/customFieldGroup/codeFields/nameCode/codeValue	Custom Field Name	
/jobApplications/applicant/person/customFieldGroup/codeFields/categoryCode/codeValue	Table - Column/Custom Field Name	
Field Types - DATE	Date Fields	
/jobApplications/applicant/person/customFieldGroup/dateFields/dateValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/dateFields/nameCode/codeValue	Custom Field Name	
/jobApplications/applicant/person/customFieldGroup/dateFields/categoryCode/codeValue	Table - Column/Custom Field Name	
Field Types - DATETIME	DateTime Fields	
/jobApplications/applicant/person/customFieldGroup/datetimeFields/datetimeValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/datetimeFields/nameCode/codeValue	Custom Field Name	
/jobApplications/applicant	Table -	

cant/person/customFieldGroup/dateTimeFields/ categoryCode/codeValue	Column/Custom Field Name	
Field Types - Boolean	Indicator Fields	
/jobApplications/applicant/person/personcustomFieldGroupcustomFieldGroup/indicatorFields/ indicatorValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/indicatorFields/ nameCode/ codeValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/indicatorFields/nameCode/codeValue short Name	Custom Field Name	
Field Types - NUMBER, FUTUREYEARS, PASTYEARS, YEARS, ID, DAYS_OF_MONTH, INTEGER, candidateID	Number Fields	
/jobApplications/applicant/person/customFieldGroup/numberFields/ numberValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/numberFields/ nameCode/ codeValue	Custom Field Name	
/jobApplications/applicant/person/customFieldGroup/numberFields/ categoryCode/codeValue	Table - Column/Custom Field Name	
Field Types - PERCENT	Percent Fields	
/jobApplications/applicant/person/customFieldGroup/percentFields/ percentValue	Custom Field Value	
/jobApplications/applicant/person/customFieldGroup/percentFields/	Custom Field Name	

ds/nameCode/ codeValue		
/jobApplications/appli cant/person/customFi eldGroup/percentFiel ds/ categoryCode/codeVal ue	Table - Column/Cu stom Field Name	
Field Types - TEXT, LONGTEXT, FORMATTEDTEXT, EMAIL, CURRENCY, TIMEZONES	String Fields	
/jobApplications/appli cant/person/customFi eldGroup/stringFields /stringValue	Custom Field Value	
/jobApplications/appli cant/person/customFi eldGroup/stringFields /nameCode/ codeValue	Custom Field Name	
/jobApplications/appli cant/person/customFi eldGroup/stringFields / categoryCode/codeVal ue	Table - Column/Cu stom Field Name	
Links		
/jobApplications/links /href	Links to Other APIs - Job Applicatio ns, Documents , Pay Distributio n, US Tax Profile, and Personal Contacts	
/jobApplications/links /rel	Indicates Relationsh ip of Resource	
/jobApplications/links /mediaType	Return Media Type of Linked Resource	
/jobApplications/links /method	HTTP Method Code	

applicant/applicantContentLinks/contentNameCode/codeValue	Candidate External Link Code Name	
applicant/applicantContentLinks/title	Candidate External Link Title	
applicant/applicantContentLinks/href	Candidate External Link URL	
applicant/applicantContentLinks/rel	Candidate External Link Relations	should be "/adp/externalLink"
applicationContentLinks/contentNameCode/codeValue	Assignment External Link Code Name	
applicationContentLinks/title	Assignment External Link Title	
applicationContentLinks/href	Assignment External Link URL	
applicationContentLinks/rel	Assignment External Link Relations	should be "/adp/externalLink"
Application Source Fields		
/jobApplications/sourceCategoryCode	sourceCategoryCode	
/jobApplications/referralSourceCode	referralSourceCode	

Code List API for data in Job Application Submit

As part of job application submit, values for source category and referral source will need to be passed. This information can be found in the [CodeList API Guide for ADP Recruiting Management](#).

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	Tip
400 Bad Request	The \$filter predicate is malformed. For example, if the surrounding single quotes (') around the filter criterion are missing. So, instead of 'SOC', SOC is supplied.	Make sure the filter predicate conforms to the expected syntax: ?\$filter=foreignKey eq 'SOC'
400 Bad Request	Invalid CodeList URL.	Make sure you use a valid URI for the codeList API. Check exact spelling of the code list name. For example, applicant-status-codes vs. the misspelled applicant-status-codes.

Responses

Response Code	Condition	messageTxt	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	Returns the response on successful creation of a job application.	NA	job-application-submit-http-200-request.json	job-application-submit-applicant-http-200-response.json	
200 OK	Returns the response on successful updating of a job application.		JobApplications-update-200-request.json	JobApplications-update-200-response.json	
400 Bad Request	Returns when the requisition ID provided is incorrect.		Submit-Invalid-ReqID-400-request.json	Submit-Invalid-ReqID-400-response.json	Resend the request with the correct requisitionID .
400 Bad Request	Returns when trying to create a new Job application with existing email ID.		Submit-Application-alreadyExist-400-request.json	Submit-Application-alreadyExist-400-response.json	
400 Bad Request	Returns when trying to update a Job application with Invalid application ID.		update-Application-Invalid-applicantID-400-request.json	update-Application-Invalid-applicantID-400-response.json	
400 Bad Request	Return error response when emailID is empty.		Submit-Empty-emailUri-400-request.json	Submit-Empty-emailUri-400-response.json	
400 Bad Request	Return error response when familyName1 is empty.		Submit-Empty-familyName1-400-request.json	Submit-Empty-familyName1-400-respnse.json	
400 Bad Request	Return error response when givenName is empty.		Submit-Empty-givenName-400-request.json	Submit-Empty-givenName-400-response.json	

Changing Job Application Status

Use Case Description

This API will be used to accept status updates from 3rd party ATS into RM and to update corresponding applicants. ADP RM accepts these updates once criteria are met defined by configurations.

Below are the configurations related to this API. These configurations can be set in the RM application by navigating to Setup Basic Client Setup Marketplace API -> select your connection under Marketplace API Configuration

- **Enable Candidate Status Updates:** is a required configuration and checking it allows status updates from 3rd Party ATS.
- **Suppress automated actions:** Automated actions after status change can be enabled/disabled here.
- **Block backward Process Component Progression:** This provided the ability for RM clients to disallow setting a regressive status, for eg. Setting OF-approved status coming in from 3rd Party ATS for a candidate who has been set to HI – Hired in RM.
- **Accept Status Updates on Job Application Status:** this config is used to define the current statuses of the applicant for which an external status update is allowed.
- **Candidate Status Mapping Section:** allows a mapping of 3rd party statuses to RM statuses. It is recommended that the 3rd party statuses be provided as code (short form) instead of descriptive text. If a suitable match is not found, updates will be rejected.

API Usage

Method	URI	Description	GitHub Sample Request Payload	GitHub Sample Response Payload
GET	events/staffing/v1/job-applic	Returns the META data for the Job Application Status Change API.	NA	job-applications-v2-meta-response.json
POST	events/staffing/v1/job-application-status.change	Used to change candidate status. contextExpressionID field supports OData format. It is to be used to send in the requisition ID of 3rd party ATS reqs which will be mapped to Req Num field in RM. The name "clientRequisitionID" should not be changed. Example: clientRequisitionID eq '3rdPartyReqId'	Status Change Request: job-application-status-change-request.json	Response: job-application-status-change-200-response.json

Supported Actors

Request Parameter roleCode Value	Usage
Practitioner	Change job application status. A system user is considered a Practitioner.

Supported OData Query Options

There are no supported query options

Other Supported Features

There are no other supported features.

Other Supported Parameters

There are no other supported parameters.

Application Scope

The following canonical needs to be added to your application scope in order to enable this use case:

`/staffing/staffingManagement/positionSeekerManagement/applicantManagement/jobApplication.status.change`

Data Dictionary

Schema Location	Field Name	Note
/events/data/eventContext/contextExpressionID	Req Num	Supports OData format. It is to be used to send in the requisition ID of 3rd party ATS reqs which will be mapped to Req Num field in RM. The name "clientRequisitionID" should not be changed. Example: clientRequisitionID eq '3rdPartyReqId'
/events/data/eventContext/personOID	Applicant ID	
/events/data/transform/applicationStatusCode/longName	Applicant Status	3rd Party ATS status.

Responses

Response Code	Condition	messageTxt	GitHub Sample Request Payload	GitHub Sample Response Payload	Tips to Handle
200 OK	Returns the response if	NA	job-application-status-	job-application-status-	

	there is no validation error mentioned below. 200 response will be given even if status change did not happen because of missing external status to RM mapping or status progression doesn't permit the status change.		change-200-request.json	change-200-response.json	
400 Bad Request	Returns when: <ul style="list-style-type: none"> Applicant ID or Req Number is missing or invalid Applicant Status is missing Applicant is not on a status that allows status change. 	NA	NA	job-application-status-change-400-response.json	

Chapter 5

Supported Event Notifications

Description

Your application should subscribe to and process the following event change notifications in order to synchronize data in the event of a data change in the ADP system. The changes described in the following table trigger Event Notification messages for the Job Applications V2 API.

Setup

The user can **enable/disable** the Job Application Event Notification by checking/unchecking the checkbox at the **MarketplaceAPI** section in **Basic Client Setup**.

1. Click **Setup > Basic Client Setup**.
2. Go to the **Marketplace API** section by changing the dropdown on top right corner.
3. Check/Uncheck the checkbox for **JobApplication Change Event Notifications**.
4. Click **Save**.

User can change the trigger for the Job Application Status at the **Marketplace API** section in **Basic Client Setup**.

1. Click **Setup > Basic Client Setup**.
2. Go to the **Marketplace API** section by changing the drop down on top right corner.

3. Change the **JobApplication Status Change Event Notifications** and **JobApplication Status Change Notification Candidate Status Triggers**.
4. Click **Save**.

Type	Changes Triggering an Event Notification	Application Scope	eventNameCode Value	Git Hub Sample Response Payload
Job Application Change Event Notification	When the user edits the Job Application information any of the data for the fields in the following RM table (SourcingCandidate, Reume, RTiAssignment, RTiAssignmentParsedResume) then an Event Notification will be triggered.	/staffing/staffingManagement/positionSeekerManagement/applicantManagement/jobApplication.change.eventNotify.subscribe	jobapplication.change	Jobapplications-fieldUpdate-eventNotification-200-response.json
	When the user edits the Job Application status then an Event Notification will be triggered.	/staffing/staffingManagement/positionSeekerManagement/applicantManagement/jobApplication.status.change.eventNotify.subscribe	jobApplication.status.change	Jobapplications-statusUpdate-eventNotification-200-response.json

Saving/Persisting rbsource params

Description

We store the rb source params as a part of marketplace configuration so that it can be picked up when a candidate applies for a job (a new job application is created) and can be resumed to the same application when closed while filling the form.

Setup

The user can **edit** the params by updating the values in **Property Settings** section under **Setup**.

1. Click **Setup > Property Settings**.
2. Search **rbsourceparams** in GUID .
3. Save **param** as carrot(^) seperated
4. Click **Save**.

Scenario

Below are the steps for Marketplace API for jobApplication status change notification:

1. Go to Career Site and create an account for a new candidate or login with existing candidate. If the candidate is new, you will be taken to the contact information screen, wherein fill all the details for that candidate.
2. Go to Setup->Basic Client Setup -> Marketplace API -> Check for the status assigned to field: JobApplication status change notification candidate status triggers. Lets assume its set to 'HM-Review'.
3. Go to candidate search on RM and search for the candidate with email address. Click on candidate gear. Change the status to 'HM-Review'. Save the candidate.

4. Check the splunk logs and pick up the correlation ID.
5. Go to InfoLink and put this correlation ID in the field ADPMsgCorrelID along with source field set to ADPRecruit, check entries in InfoLink and look for consumer application params

Chapter 6

Known Issues and Limitations

Issue1:

Candidate Id, when sent as part of the response will be in a specific format (this is in scientific notation and should be read as such)

Impacted APIs

Method	URI	roleCode Value
GET	/staffing/v2/job-applications	Practitioner

Issue Description

Candidate Id, when sent as part of the response will be in the following format. This is in scientific notation and should be read as such.

In this case, the value is **6.001404718312E12**. If read as a String, the value won't match with the actual candidate ID and may lead to unforeseen errors.

6.001404718312E12 equals 6001404718312

```
"person": {
  "customFieldGroup": {
    "numberFields": [
      {
        "nameCode": {
          "codeValue": "candidateID"
        },
        "categoryCode": {
          "codeValue": "candidateID"
        },
        "numberValue": 6.001404718312E12
      }
    ],
  }
}
```

}

Suggested Workaround

There are no workarounds available.

Issue 2:

\$select=attachments returns Bad Request

Issue Description

When the value provided to \$select is attachments, it returns a blank response and status of 400 Bad Request.

1. \$select = attachments is not working from gateway endpoint. API is giving 400 bad request with blank response.

Impacted APIs

Method	URI	roleCode Value
GET	/staffing/v2/job-applications	Practitioner

Suggested Workaround

There are no workarounds available.

Issue 3:

country-postal-codes codeList API doesn't give expected error message when no country code filter is passed in the end point

Impacted APIs

Method	URI	roleCode Value
GET	/codelists/staffing/v3/position-seeker-management/country-postal-codes/adprecruit/1?\$filter=foreignKey eq 'USA'	Practitioner

Suggested Workaround

There are no workarounds available.

Issue 4 :

Status filter (\$filter) in the GET API end point returns a blank response when the value provided in \$filter is incorrect

Impacted APIs

Method	URI	roleCode Value
GET	/staffing/v2/job-applications?\$filter=status eq '0000'	Practitioner

Issue Description

GET Job application with filter=status (/staffing/v2/job-applications?\$filter=status eq '0000') is giving blank response.

Suggested Workaround

There are no workarounds available.

Issue 5:

Custom fields defined for a client are not accepted as part of Job Application submit API. If any fields are set, they would be returned as part of the GET response only.

Issue 6:

There may be times when the request is made, the API will time out(between 8 - 10 seconds) before a response is sent back. This could be due to multiple factors, but main reason could be that the data volume and content is so large that assembling and returning within the time interval is not possible. Because of this, we recommend using appropriate filters to narrow down the data set as much as possible.