



Grants.gov | Release 17.0 Web Service Enhancements

February 4, 2019

Grantor Web Services

Web Service	New/Existing	Description
Manage Related Opportunities	New	Add/Modify/Remove one or more opportunity relationship
Get Related Opportunities	New	Retrieve opportunity relationships for a specified Opportunity
Get Submission List	New, based on Get Application List Expanded	Retrieve list of submissions, including related submission information
Delete Adobe Synopsis	Existing	If FON is unique, no longer return an error when user has multiple Grantor profiles
Delete Adobe Opportunity	Existing	If FON is unique, no longer return an error when user has multiple Grantor profiles
Update Adobe Opportunity	Existing	If FON is unique, no longer return an error when user has multiple Grantor profiles
Manage Related Document Files	Existing	Allow Grantors to include Opportunity in nightly notification
Manage Related Document Links	Existing	Allow Grantors to include Opportunity in nightly notification

Update Error Message Text:

- Create Opportunity Forecast
- Update Opportunity Forecast

MANAGE RELATED OPPORTUNITIES

Manage Related Opportunities Grantor Web Service

For each Opportunity relationship specified without validation errors:

- Perform user interface functionality to add/modify/remove Opportunity relationship
- Input Parameters
 - Add Opportunity Relationship(s)
 - Opportunity ID 1 *
 - Opportunity ID 2 *
 - Relationship Comments
 - Modify Opportunity Relationship(s)
 - Opportunity ID 1 *
 - Opportunity ID 2 *
 - Relationship Comments
 - Remove Opportunity Relationship(s)
 - Opportunity ID 1 *
 - Opportunity ID 2 *
- Return Values
 - Completion Status (Success, Partial, Fail)
 - Error Details
 - Add Opportunity Relationship Result(s)
 - Success (True, False)
 - Opportunity ID 1
 - Opportunity ID 2
 - Error Details
 - Modify Opportunity Relationship Result(s)
 - Success (True, False)
 - Opportunity ID 1
 - Opportunity ID 2
 - Error Details
 - Remove Opportunity Relationship Result(s)
 - Success (True, False)
 - Opportunity ID 1
 - Opportunity ID 2
 - Error Details

Manage Related Opportunities Business Rules Validation

Validation Rule	Error Code / Message	Field(s)
At least one action must be specified	VAL-1001 - No input action specified	---
Certificate must have at least one of the following roles: <ul style="list-style-type: none"> Manage Forecasts Manage Synopses Manage Packages 	SEC-1001 – Certificate has none of the following roles: Manage Forecasts, Manage Synopses, Manage Packages	---
To add an Opportunity Relationship, both Opportunity IDs must be non-deleted, non-draft, and belong to Agency associated with the certificate (or any of its Sub-Agencies if certificate has Manage Agencies role). Note: Opportunities in Draft status are not currently retrievable by S2S	SEC-1008 – Opportunity(ies) {Opportunity ID(s)} do not belong to certificate Agency (Access to all specified Opportunities is required)	Opportunity ID 1, Opportunity ID 2
To modify/remove an Opportunity Relationship, at least one of the Opportunity IDs must belong to Agency associated with the certificate (or any of its Sub-Agencies if certificate has Manage Agencies role)	SEC-1009 – Opportunity(ies) do not belong to certificate Agency (Access to at least one of the specified Opportunities is required)	Opportunity ID 1, Opportunity ID 2
Cannot add an Opportunity relationship that already exists	VAL-1601 – Opportunity relation already exists	Opportunity ID 1, Opportunity ID 2
Cannot modify/remove an Opportunity relationship that does not exist, and both opportunities must be non-draft since S2S cannot currently retrieve draft opportunities	VAL-1602 – Opportunity relation not found	Opportunity ID 1, Opportunity ID 2
Cannot relate Opportunity to itself	VAL-1603 – Cannot relate Opportunity to itself	Opportunity ID 1, Opportunity ID 2

GET RELATED OPPORTUNITIES

Get Related Opportunities Grantor Web Service

For the Opportunity specified:

- Return related Opportunities and relationship comments, excluding draft Opportunities since these cannot currently be retrieved with S2S
- Note: in the return values, Opportunity ID 1 will always match the Opportunity ID in the input parameters

- Input Parameters

- Opportunity ID

- Return Values

- Success (True, False)
- Opportunity Relationship(s)
 - Opportunity ID 1
 - Opportunity ID 2
 - Relationship Comments
- Error Details

Get Related Opportunities Business Rules Validation

Validation Rule	Error Code / Message	Field(s)
Certificate must have at least one of the following roles: <ul style="list-style-type: none"> • Manage Forecasts • Manage Synopses • Manage Packages 	SEC-1001 – Certificate has none of the following roles: Manage Forecasts, Manage Synopses, Manage Packages	---
Opportunity ID must belong to Agency associated with the certificate (or any of its Sub-Agencies if certificate has Manage Agencies role)	SEC-1002 – Opportunity does not belong to certificate Agency (or any of its Sub-Agencies if certificate has Manage Agencies role)	Opportunity ID

GET SUBMISSION LIST

Get Submission List Grantor Web Service

- Based on Get Application List Expanded
 - Returns an additional optional value for Previous Grant Tracking Number

DELETE ADOBE SYNOPSIS
DELETE ADOBE OPPORTUNITY
UPDATE ADOBE OPPORTUNITY

Delete Adobe Synopsis / Delete Adobe Opportunity / Update Adobe Opportunity

- If Agency Code not provided and specified User ID has multiple Grantor profiles, determine if Funding Opportunity Number is unique
 - If unique across Grants.gov (and found within the certificate access), no longer return an error and continue with web service processing
 - Otherwise, existing error messages apply
 - If the FON is not unique across Grants.gov, current error message related to multiple profiles will be returned
 - If FON is not found within the certificate access, current error message related to FON not found will be returned

MANAGE RELATED DOCUMENT FILES/LINKS

Manage Related Document Files/Links

- Add 1 additional optional input parameter
 - Modification Comments
- If Modification Comments are provided, web service will store this data as it does on the user interface
 - Note: if related documents files/links modification comments are specified, Opportunity will be included in nightly email notification. Also, modification comments will be displayed on the Related Documents tab on View Grant Opportunity.

Manage Related Document Files Grantor Web Service

Note: Modification Comments added after Opportunity ID as an optional input parameter

- Input Parameters

- Opportunity ID *
- Modification Comments
- Add File(s)
 - File Name *
 - File Description *
 - File (Streaming Data Handler) *
 - Folder ID *
- Replace File(s)
 - File ID *
 - Any of following:
 - Revised File Description
 - None or both:
 - » Revised File Name
 - » Revised File (Streaming Data Handler)
- Remove File(s)
 - File ID *

- Return Values

- Completion Status (Success, Partial, Fail)
- Error Details
- Add File Result(s)
 - Success (True, False)
 - Folder ID
 - File Details (for Success=False, only return File Name and File Description)
 - Error Details
- Replace File Result(s)
 - Success (True, False)
 - File Details (for Success=False, only return File ID)
 - Error Details
- Remove File Result(s)
 - Success (True, False)
 - File ID
 - Error Details

Manage Related Document Links Grantor Web Service

Note: Modification Comments added after Opportunity ID as an optional input parameter

- Input Parameters

- Opportunity ID *
- Modification Comments
- Create Link(s)
 - Link URL *
 - Link Description *
- Update Link(s)
 - Link ID *
 - Either or both:
 - Revised Link URL
 - Revised Link Description
- Delete Link(s)
 - Link ID *

- Return Values

- Completion Status (Success, Partial, Fail)
- Error Details
- Create Link Result(s)
 - Success (True, False)
 - Link Details (for Success=False, only return Link URL and Link Description)
 - Error Details
- Update Link Result(s)
 - Success (True, False)
 - Link Details (for Success=False, only return Link ID)
 - Error Details
- Delete Link Result(s)
 - Success (True, False)
 - Link ID
 - Error Details

UPDATE ERROR MESSAGE TEXT

Update Error Message Text

- Previously error message text referenced Draft mode when a Forecast/Synopsis had a future Post Date. With R16.3 implementing an actual Draft status, previous message texts will be clarified.
- Create/Update Opportunity Forecast
 - VAL-1308 – Forecast Archive Date cannot be specified while Synopsis Post Date is in the future
 - VAL-1315 – Forecast Post Date can only be modified when it is in the future