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Feature at a Glance
Enhancements to the Supplier Data API with Pagination for process projects and questionnaires

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Feature at a Glance

Introducing: **Enhancements to the Supplier Data API with Pagination for process projects and questionnaires**

Customer challenge

With the 2111 release of the New Modular Process Framework, customers now have increased flexibility when using modular questionnaires for both qualification and other data collection activities. However, this capability was available through the user interface only. Customers desired the ability to fully interact with this feature via API to unlock new possibilities in business process enablement and compliance.

Meet that challenge with

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This feature enables buyers to have even more flexibility and creativity in defining their configurations of the New Modular Process Framework by extending it with the Supplier Data API with Pagination for data retrieval, data update, and approval flow initiation.

Experience key benefits

• Retrieve process details, process decision history, process intake form details, and questionnaire details

• Update intake forms for process projects and the expiration and due dates of modular questionnaires included in process projects

• Trigger approval tasks for questionnaire updates made using the API

Solution area

SAP Ariba Supplier Lifecycle and Performance
SAP Ariba Supplier Information and Performance Management
SAP Ariba Strategic Sourcing Suite

Implementation information

This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.

Prerequisites and Restrictions

Please see detailed slide

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Prerequisites

- For SAP Ariba Supplier Information and Performance Management, this feature requires the "new architecture." Supplier management Process Framework is only available in SAP Ariba Supplier Lifecycle and Performance and SAP Ariba Strategic Sourcing Suite.

- To update process intake form answers (including expiration dates, expiration reminders, and other custom questions), the process must be in pending decision or decided status (approved, conditionally approved, or denied).

- To update the expiration date of a modular questionnaire, the modular questionnaire project status must be approved.

- To update the due date of a modular questionnaire, the modular questionnaire project status must be in progress.

- When updating the process intake form using the API, buyers can only use the API to update questions that are editable – this does not include the intake form fields of commodity, regions, or departments.

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Ability to retrieve process, intake form, and questionnaire details, and decision history

Previously, buyers must go to the supplier 360º profile to view process details, process decision history, and questionnaires details. In addition, buyers can only view intake form details in the current version in the supplier 360º profile.

Now, buyers can use Supplier Data API with Pagination endpoints to retrieve:

Process Details

Decision History

Details Across Versions

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Ability to update process details and expiration and due dates of included questionnaires

Previously, buyers can go to the supplier 360º profile to update process details and expiration and due dates in the following ways:
- Buyers can update intake forms during the process renewal. Decision makers can also update intake forms when making or updating decision status.
- Buyers can request updates for modular questionnaires, and the recipient submitting an update resets the expiration date.
- Buyers can reset the due date by resending the modular questionnaire before the modular questionnaire is closed.

Now, buyers can use Supplier Data API with Pagination endpoints to update intake forms for process projects and the expiration and due dates of modular questionnaires included in process projects.

Expiry Update
1. User */questionnaires/{questionnaireId}* to update expiry or due date of a modular questionnaire

Answer Update
1. Use */processes* endpoint to get all workspace IDs for a supplier
2. Use */processes/{wid}* endpoint to get the documentation ID of the specific process intake form
3. Use /**versions** endpoint without specifying any version ID in the request body to request latest version intake form details. Based on returned version ID, you can know the number of versions that the intake form has in order to go backward in time.
4. Use */answers* endpoint to update the answers in the intake form by passing the Intake form documentId (for the questionnaire) and KI_ID (for the specific question to be updated)
5. After a successful update, a new version of process intake form is created & visible in the UI

Expiry Update Sample

```
{
"dueDate": "01/21/2023",
"expiryDate": "03/29/2023",
"comment": "sample updated ExpiryDate"
}
```

Answer Update Sample

```
{
"answers":
  [{
    "externalSystemCorrelationId":"KI_10984163",
    "answer": "sample updated answer response"
  }]
}
```

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Ability to trigger approval tasks for API updates to modular questionnaires

You can use the Supplier Data API with Pagination `/answers` endpoint to update modular questionnaire answers. Previously, those updates did not trigger any approval tasks on the questionnaire, and there was therefore no way for approvers to approve or reject API-based updates.

This feature introduces a new Boolean attribute, `triggerApprove`, in the `JSON` request body for `POST` operations to the `/answers` endpoint. Specify `true` to trigger any approval tasks on modular questionnaires with answers posted in the request. Once an API update triggers approval tasks on a modular questionnaire, its status changes to **Pending Approval** and either the configured approval flow in SAP Ariba or external approval processing starts.

If `triggerApprove` is `false`, or if it is not present in the request, the request automatically updates the specified answers without starting any approval tasks.

The following example shows a request body with the new `triggerApprove` attribute:

```
{
  "answers": [
    {
      "externalSystemCorrelationId": "KI_9951113",
      "answer": "New answer"
    }
  ],
  "triggerApprove" : true
}
```

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