



Feature at a Glance

Enhancements to the Supplier Data API with Pagination for initiation and renewal of qualification and miscellaneous processes for a supplier from an external system

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Feature at a Glance

Ease of implementation  High Touch
Geographic relevance  Global

Introducing: Enhancements to the Supplier Data API with Pagination

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 **SAP Ariba**

This feature introduces four endpoints in the Supplier Data API with Pagination and gives customers the ability to create and renew qualification and miscellaneous processes (for a single supplier) from an external system.

Experience key benefits

Customers now have the flexibility to create or renew qualification and miscellaneous processes without having to log in directly to the application

Unleash your creativity when designing your supplier management solution implementation for your end users – processes may be initiated within our outside of the application, and associated data (as per documentation) may be retrieved or updated to facilitate those designs

Solution area

SAP Ariba Supplier Lifecycle and Performance

Implementation information

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

Prerequisites and Restrictions

The process project feature (SM-16798) must be enabled and configured in the customer site.

API client applications cannot request an update for a questionnaire during process project creation if the questionnaire is in Pending Submission or Pending Approval status.

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This feature introduces four endpoints in the Supplier Data API with Pagination and gives customers the ability to create and renew qualification and miscellaneous processes (for a single supplier) from an external system. As a result, customers can now access their supplier records from external systems and are no longer required to log in to SAP Ariba Supplier Lifecycle and Performance to create or renew qualification and miscellaneous processes.

The end points are to be used in the following order:

1. Retrieve all the process type defined in your site

Ex. GET `{{runtime_URL}}/supplierdatapagination/v4/processes/processTypes`

2. Retrieve the intake form for a specific process type

Ex. GET `{{runtime_URL}}/supplierdatapagination/v4/processes/{processType}/templates`

3. Retrieve the list of all modular questionnaires for a specific process type and matrix combination

Ex. POST `{{runtime_URL}}/supplierdatapagination/v4/processes/{processType}/modularQuestionnairesRequests`

4. Initiate a process for a supplier by specifying details in the request body (see next slide)

Ex. POST `{{runtime_URL}}/supplierdatapagination/v4/processes/processCreateRequests?realm=myRealm`

*****Please refer to core documentation for full details including request body and response examples.**

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Notes Concerning Process Creation Via API

If a process with the same matrix combination (**Category**, **Region**, and **Department**) does not exist, a new process is created.

If a process for the **same matrix combination** already exists, then:

- system returns an *error* if a decision has not been taken on that process
- existing process is *renewed* if a decision has already been taken on that process

The process initiator is also the process owner, and this value is passed in the request body as shown in the sample request body (see documentation).

The JSON request that the *startProcess* endpoint sends to your site uses the following values to specify the data you want to return in output:

- *aribaLifeCycle*: Qualification or Miscellaneous
- *templateId*
- *templateProcessId*
- *workspaceId*: Workspace ID of the project
- *entityType*
- *expiryDetail*
- *smVendorId*
- *matrix*: Commodity, Region, Department
- *currentProcessId*
- *questionnaireType*
- *externalSystemCorrelationId*: unique identifier for a piece of content within an individual questionnaire.
- *processCreationMessage*: message to include in notifications sent to the supplier contact and process project team members.

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