Feature at a Glance
Update Supplier Management Questionnaire responses using the Supplier Data API
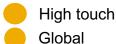
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Introducing: **Update Supplier Management Questionnaire responses using the Supplier Data API**

Customer challenge

Currently customers may use the API to extract data from SLP for reporting purposes. A commonly requested need is for customers to update supplier management questionnaires with data that has been gathered, approved, or enriched in external systems. In many cases these external systems are already in place providing these types of functions. Customers want to augment their supplier management data collection process leveraging the data from these systems.

Meet that challenge with
SAP Ariba

This feature provides customers with an ability to update supplier management questionnaires via API at selected lifecycle stages. This feature extends the Supplier Data API to include a new submitQuestionnaireResponse endpoint. Posts made to this endpoint can update supplier management questionnaire data, including attachments.

Experience key benefits

Extend your supplier management processes to include input, enrichment, or validation from external systems.

Leverage external data to provide a fuller supplier profile within SLP.

Solution area

SAP Ariba Supplier Lifecycle and Performance (SLP), SAP Ariba Supplier Information and Performance Management (SIPM) new architecture

Implementation information

This feature is on by default. Sign up to developer portal https://developer.ariba.com/api/ to access the API. More info: https://www.ariba.com/de-de/solutions/solutions-overview/platform-solutions/sap-ariba-apis

Prerequisites and Limitations

None

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Detailed feature information

This API introduces a new concept of updating/editing supplier management questionnaire responses within SLP. Updates may be made for specific lifecycle processes, and at specific times. Updates are logged as being made by the SLP system, and not by any specific user.

- Applicable lifecycles
  - Registration
  - Qualification
  - Modular Questionnaires

- States Supported
  - External Questionnaires
    - Any state *except* Not Responded, Pending Submission, or Pending Resubmission
    - If a task is open on the supplier side, then essentially this API cannot be applied
  - Internal Questionnaires
    - All states are available for update whether open or closed

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To update a supplier management questionnaires via API, perform the following in sequence:

1. Optionally obtain the list of vendors (this URL uses the new previousApiCallTime parameter introduced this month in the New incremental data extraction parameter for the Supplier Data API with Pagination feature):

   https://openapi.ariba.com/api/supplierdatapagination/v2/prod/smv1/vendors/?previousApiCallTime=1527834915000

2. Obtain the Document ID of a given questionnaire for a given supplier using any of the existing questionnaire details API or External approval API

   Sample:
   https://openapi.ariba.com/api/supplierdatapagination/v2/prod/smv1/vendors/S1128494/workspaces/documents/qna

   This will return all questionnaires for vendor S1128494. Search for a particular document/question you would like to update. Specifically, obtain the **itemId** of the question you would like to update:

3. Using the following POST API, update the information in SLP questionnaire. The API end point, pass the Document ID. In the API body send the itemId, question response back to SLP.

   Sample:
   https://openapi.ariba.com/api/supplierdataaccess/v1/prod/submitQuestionnaireResponse?questionnaireId=Doc972492129

Sample Updates

```json
{"answers":[
    {
    "itemId": "itemId_Q1",
    "answer": "new answer for the first question"
    },
    {
    "itemId": "itemId_Q2",
    "answer": "new answer for next question"
    }
]}
```

```json
{"answers":[
    {
    "itemId": "itemId_attachmentQ",
    "attachment": {
        "fileName": "SampleFileName.csv",
        "mimeType": "application/csv",
        "fileSize": 221725,
        "fileContents": "64 Bit encoded value"
        }
    }
]}
```
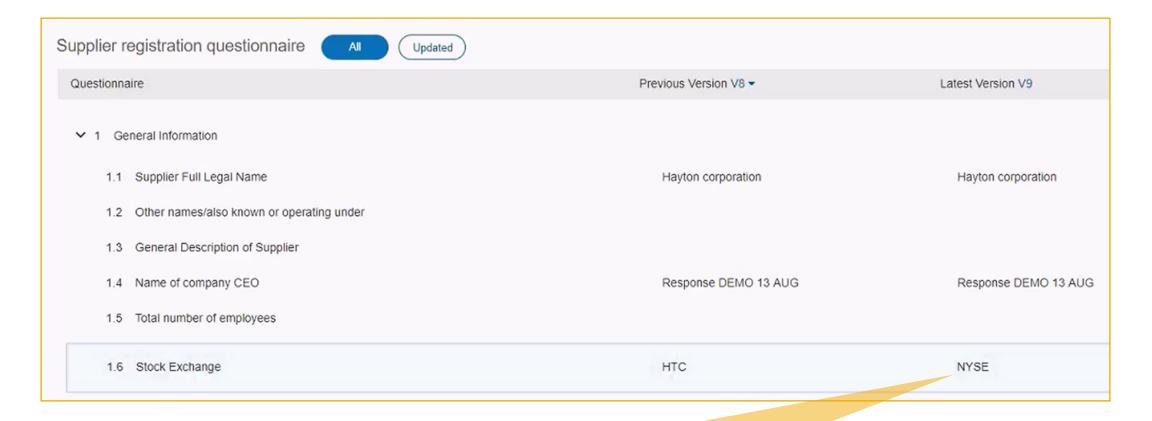
To update a questionnaire, you need the **itemId** and the new/updated value for the answer.

The **itemId** is an internal identifier for each question and is assigned at the template level. **itemId** will be consistent between questionnaires of the same type. For example, if you wish to build a process to update question #4 for all registration questionnaires (spanning different suppliers/workspaces), you can use the same **itemId** for each post, because that ID maps to question 4 in the registration questionnaire template.

Any answer type may be updated. Simply follow the formatting in the result returned from the /qna query (#2 previous slide).

Attachments can be updated by providing the 64-bit encoded content.

Version Control

An API-based update to a questionnaire is registered as a new version of the questionnaire, similar to what is done today for end users.