



Feature at a Glance

Supplier Management Dun & Bradstreet Integration

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CONFIDENTIAL

Feature at a Glance

Ease of implementation  High touch
Geographic relevance  Global

Introducing: Supplier Management Dun & Bradstreet Integration

Customer challenge

Customers want to provide their end users faster and more accurate ways of requesting and identifying suppliers. Dun & Bradstreet is a widely known and leveraged source of data for businesses of all types. Integrating SLP to third party providers such as Dun & Bradstreet will greatly increase the accuracy and relevancy of supplier search and request processes.

Meet that challenge with SAP Ariba

This feature introduces SAP Ariba Supplier Lifecycle and Performance integration with third-party provider Dun & Bradstreet (D&B) to retrieve data for selected fields from the D&B “Worldbase Marketing Plus with Linkage” product using D&B’s Data Integration Toolkit.

Experience key benefits

Eliminate or minimize duplicates by requiring supplier requesters to search for potential new suppliers in the D&B database during the internal supplier request process.

Integrate D&B data directly into the supplier profile, thus streamlining the data collection effort.

Solution area

SAP Ariba Supplier Lifecycle and Performance (SLP)
SAP Ariba Supplier Information and Performance Management (SIPM) new architecture
SAP Ariba Strategic Sourcing Suite

Implementation information

To have this feature enabled, please have your Designated Support Contact (DSC) submit a **Service Request (SR)**.

Prerequisites and Restrictions

D&B-specific prerequisites (including commercial and configuration-related prerequisites) may be found in the online documentation and later in this deck.

Your site must use the Extended Address rather than Address answer type to collect address information about suppliers.

D&B integration is supported for internal supplier requests, and internal and external-facing registration questionnaires. It is not supported for the supplier self-registration request.

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Introducing: **Supplier Management Dun & Bradstreet Integration**

- Require requesters in your organization to search for potential new suppliers in the D&B database during the internal supplier request process, ensuring that all new suppliers created in SAP Ariba SLP either have D-U-N-S numbers or are approved for an exception.
- Include other D&B data in supplier profiles. With D&B integration, the request process adds basic D&B data such as address to the supplier request. After the supplier request is approved, SAP Ariba pulls additional data from D&B and adds it to the SAP Ariba vendor record and, based on your configuration, to supplier registration questionnaires.
- D&B integration automates inclusion of this standard and verified data in supplier profiles, eliminating the need for category or supplier managers to manually enter not only D-U-N-S numbers, but other detailed supplier data maintained by Dun & Bradstreet. You choose which D&B data to include in the supplier profile by adding mapped questions to the internal supplier request and registration questionnaires in your site's supplier management project templates.

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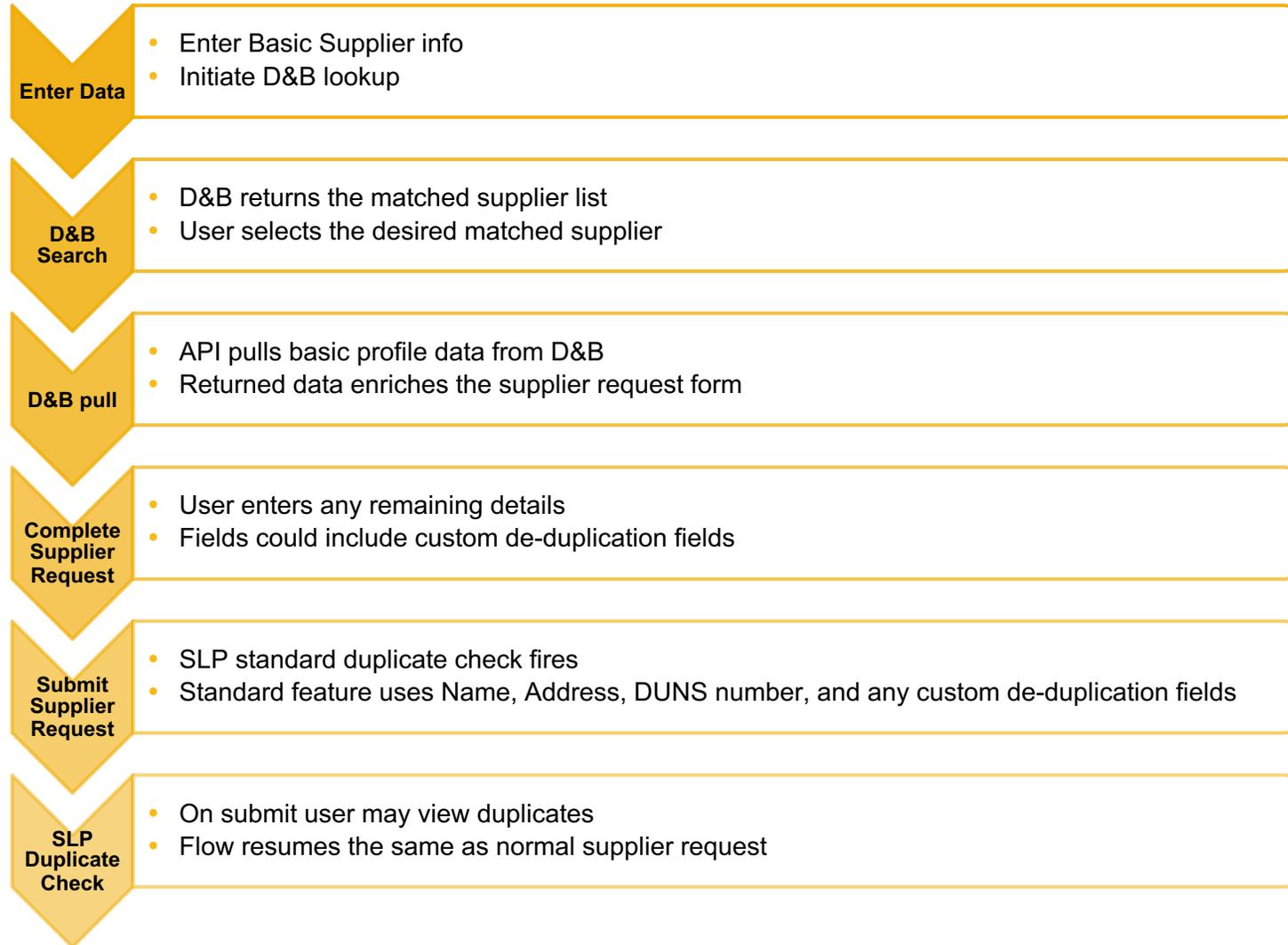
Customer D&B Responsibilities

When you configure D&B integration in your site, the customer has the following responsibilities:

- You are fully responsible for having an agreement with D&B that allows you to access the D&B service from the SAP Ariba cloud and receive data from your D&B account in your SAP Ariba cloud site
- You are responsible for setting up and managing the D&B license key
- You are responsible for paying D&B fees based on your agreement with D&B
- You must notify SAP Ariba promptly if you see a problem with how the feature is obtaining records from D&B (for example, if it generates too many payable D&B searches)
- Support for D&B services is only provided by D&B
- D&B data is considered as "Customer Owned Data" under SAP Ariba agreements

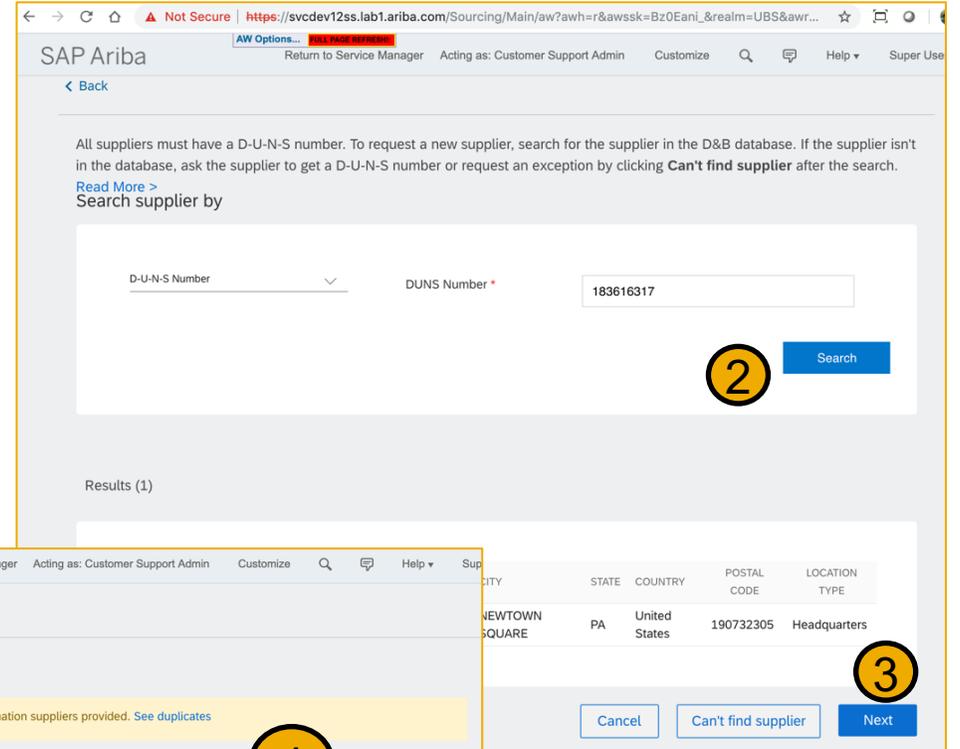
If you do not agree to these responsibilities, you should not enable and configure the D&B integration feature.

New D&B Lookup Supplier Request Process

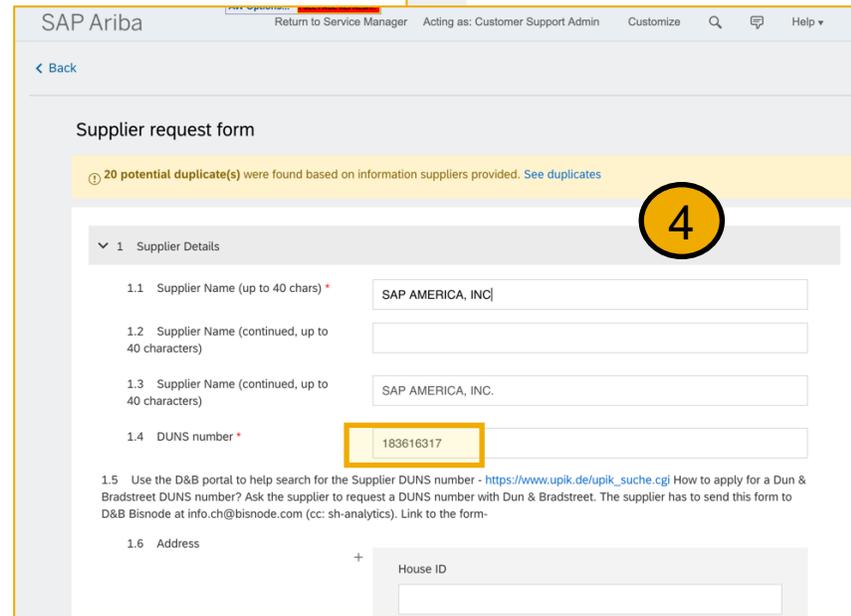


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D&B Pull-based supplier request: Screen shot flow



1. Create Supplier Request w/ D&B Lookup
2. Enter DUNS to search
3. Continue to Supplier Request form
4. Information retrieved from D&B pre-populates your form



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How to configure D&B integration in your site

Procedure

- On the dashboard, choose **Manage SM Administration -> Config**
- On the **Credentials for** dropdown menu, choose **DNB**
- Enter your Dun & Bradstreet Data Integration Toolkit username and password
- Re-enter your password to confirm it

Results

- The **Config** page records the timestamp when you added your credentials and your username
- The page *does not show* your credentials after you submit them
- Your SLP site is now integrated with your D&B products

Maintenance

- Customers may update their D&B credentials at any time by entering new username and password values and clicking **Submit** or
- Delete the existing credentials by clicking **Delete**

The screenshot shows the SAP Ariba configuration interface. The page title is "SAP Ariba" and the user is acting as "Customer Support Admin". The page is titled "D&B Integration Status" and shows a "Last updated by user customersupportadmin on time Jul 31, 2019, 10:32:20 AM". The "Credentials for" dropdown menu is set to "DNB" and is highlighted with a red box. Below the dropdown, there are three input fields: "Enter Username", "Enter Password", and "Enter Password". At the bottom of the form, there are two buttons: "Delete existing credentials for this realm" and "Submit".

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Configuring supplier request and registration for D&B integration

- **Supplier Request Template**
 - Update/Configure questions mapped to vendor database fields required for D&B supplier lookup and any other mapped D&B fields that is desired for the request
 - For users who wish to skip the D&B lookup, add questions asking the requester to explain why they need an exception to the D-U-N-S if the supplier searched is not present in the D&B search results
- **Supplier Registration Template:**
 - See next slide (and product documentation) for a list of D&B-integrated fields
 - If a supplier was created from a request based on a D&B supplier, those fields are automatically populated with data from D&B
 - To avoid having suppliers or internal users overwrite D&B-supplied data with new answers, use editability conditions to make them read-only
- Unless otherwise noted, the mapped D&B questions should use a *text* answer type
- For complete details on SLP vendor database fields used in D&B integration and their corresponding fields in the D&B data model, see the current Product Documentation
- Due to legal requirements, D&B data pulls for suppliers in Germany require a mandatory reason code. SLP automatically includes a reason code of 3 ("Credit Check – Ongoing Business Connection") without any field configuration on your part

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Field mappings for D&B questions

Questions with the following field mappings are **required** in the supplier request and use free D&B lookup services. Approval of supplier requests that include these fields do not incur usage charges for D&B Worldbase Marketing Plus with Linkage. You can also include them in internal or external supplier registration questionnaires.

Question	Required Field Mapping	Notes
Supplier name	vendor.vendorInfo.name1	SAP Ariba requires this field, as well as supplier contact fields, in supplier requests. It is not required for D&B integration.
Legal supplier name	vendor.vendorInfo.name3	This question is automatically hidden in requests that are not based on existing D&B suppliers. In requests based on existing D&B suppliers, the supplier name and legal supplier name (name1 and name3) fields are populated with the same value from D&B. The requester can edit the name1 field, but cannot edit the name3 field.
D-U-N-S number	vendor.vendorInfo.dunsId	This question is automatically hidden in requests that are not based on existing D&B suppliers. In requests based on existing D&B suppliers, the value is added automatically by the D&B lookup and the requester cannot edit this field.
Extended address	vendor.addressExt.postalAddress	Use the Extended Address answer type for this question. Field mappings are automatic for the individual fields an Extended Address question based on the vendor.addressExt.postalAddress mapping. Your site's Extended Address configuration must include the fields that are required for D&B search; see the Prerequisites for integrating Dun & Bradstreet with SAP Ariba Supplier Lifecycle and Performance section for details. If your site's Extended Address configuration does not include any of the required fields listed in Prerequisites for integrating Dun & Bradstreet with SAP Ariba Supplier Lifecycle and Performance , add them as separate questions and manually enter their corresponding mappings.
Exception for requests not matched to an existing D&B supplier	vendor.external.exception.reason	You can use this mapping for one or more questions that define an exception process for requests that do not match an existing D&B supplier. Questions with this mapping are always hidden in requests for existing D&B suppliers.

The following ERP vendor fields are automatically populated with data from D&B when the supplier request is approved. You can also include them in internal or external supplier registration questionnaires and in the supplier request for the D&B exception case.

Question	Required Field Mapping	Notes
Primary fax number	vendor.addressExt.fax.numberSubscriberID	
Primary phone number	vendor.adressExt.telephone.numberSubscriberID	
National business ID	vendor.supplierGenericCustomField.nationalId	
National business ID type	vendor.supplierGenericCustomField.nationalType	
Number of employees	vendor.supplierGenericCustomField.numberEmployees	Use the Number answer type for this question.
Year established	vendor.supplierGenericCustomField.yearEstablished	Use the Number answer type for this question.
Out of business?	vendor.supplierGenericCustomField.outOfBusiness	Use the Number answer type for this question.
Name of global ultimate (GU) parent	vendor.supplierGenericCustomField.guDunsName	
D-U-N-S number of global ultimate (GU) parent	vendor.supplierGenericCustomField.guDunsNumber	
Headquarters or parent company	vendor.supplierGenericCustomField.headquarters	
Line of business	vendor.supplierGenericCustomField.lineOfBusiness	
Legal status	vendor.supplierGenericCustomField.legalIdDescription	
CEO name	vendor.supplierGenericCustomField.ceoName	
CEO corporate title	vendor.supplierGenericCutomField.ceoTitle	
Industry standard code 1	vendor.industrySector[0].industrialSectorCode	Vector field
Industry standard code 2	vendor.industrySector[1].industrialSectorCode	Vector field
Industry standard code 3	vendor.industrySector[2].industrialSectorCode	Vector field
Industry standard code 4	vendor.industrySector[3].industrialSectorCode	Vector field
Industry standard code 5	vendor.industrySector[4].industrialSectorCode	Vector field
Industry standard code 6	vendor.industrysector[5].industrialSectorCode	Vector field