



SAP Ariba 

# Feature at a glance

## SLP bi-directional vendor replication with S/4HANA On Premise

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CONFIDENTIAL

 **Run Simple**

# Feature at a Glance

## Introducing: **SLP bi-directional vendor replication with S/4HANA On Premise**

### Customer challenge

Customer wants to manage the supplier request/creation process in Ariba, collect certain vendor data from the supplier via Ariba Network, and maintain parts of the vendor master data in Ariba. Customer wants vendor master data to be replicated to S/4HANA, including any subsequent changes to the vendor master data. Customer wants vendors created in S/4HANA to be replicated to SLP, and updates made in S/4HANA to existing vendors to be overwritten in SLP (i.e. S/4HANA can act as master). All in near-realtime, based on SAP standard technology.



### Meet that challenge with

#### **SAP Ariba**

Business Partner webservice integration is available natively in SLP, supporting either direct or mediated connectivity (i.e. via SAP PI or similar middleware). This release includes the validation of bi-directional replication of vendor master data using the Business Partner web services between SAP Ariba SLP and SAP S/4HANA on premise 1610. Over 480 vendor master fields are supported with 1:1 mapping from SLP, via BP webservice elements, to Business Partner tables (BUT000 etc), which in turn are synchronized via CVI to vendor master tables (FLA1 etc).



### Experience key benefits

Enables high-fidelity replication of vendor master data, bi-directional, in near-realtime. Establishes a unified vendor master, including automatic re-synchronization on changes.

### Solution area

Strategic Sourcing / Supplier Management / Supplier Lifecycle and Performance

### Enablement information

Business Partner webservice is on by default when SM feature is enabled in realm (i.e. when SLP or SIPM new architecture is deployed). Recommended to request Ariba Support to enable feature SM-5663 "SM Admin - version 2" as this extends the available display and configuration parameters. For detailed info, also on ERP config, see integration documentation in Ariba Connect.

### Value measure

● high

### Ease of implementation

● high-touch

### Region availability

● global

## Feature at a Glance

# Introducing: **SLP bi-directional vendor replication with S/4HANA On Premise**

### Detailed feature information

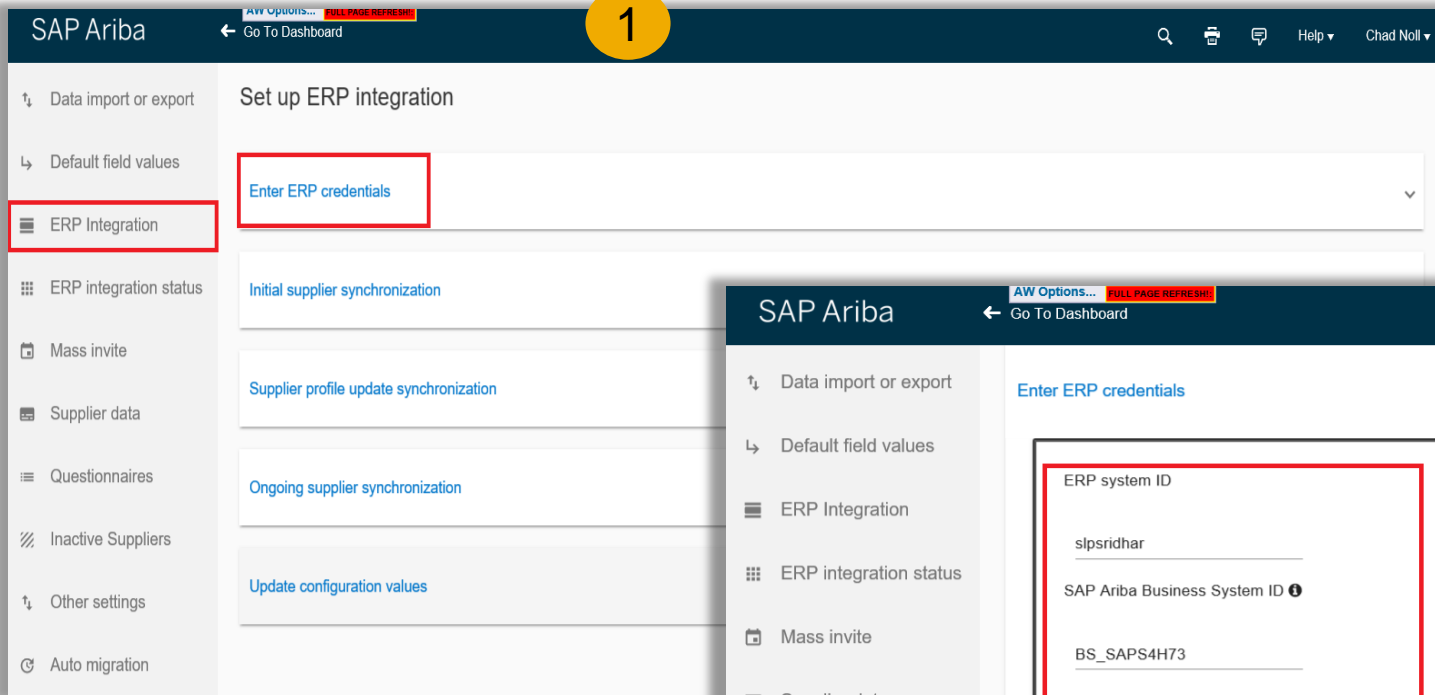
This release includes the validation of bi-directional replication of vendor master data using the Business Partner web services between SAP Ariba SLP and SAP S/4HANA on premise 1610.

Same functionality is available as part of SIPM new architecture. Note: this is NOT the classic SIPM product, but refers to a deployment option of the SLP which therefore has the same vendor model and integration capabilities, but excludes the matrix-based qualification/disqualification and preference processes.

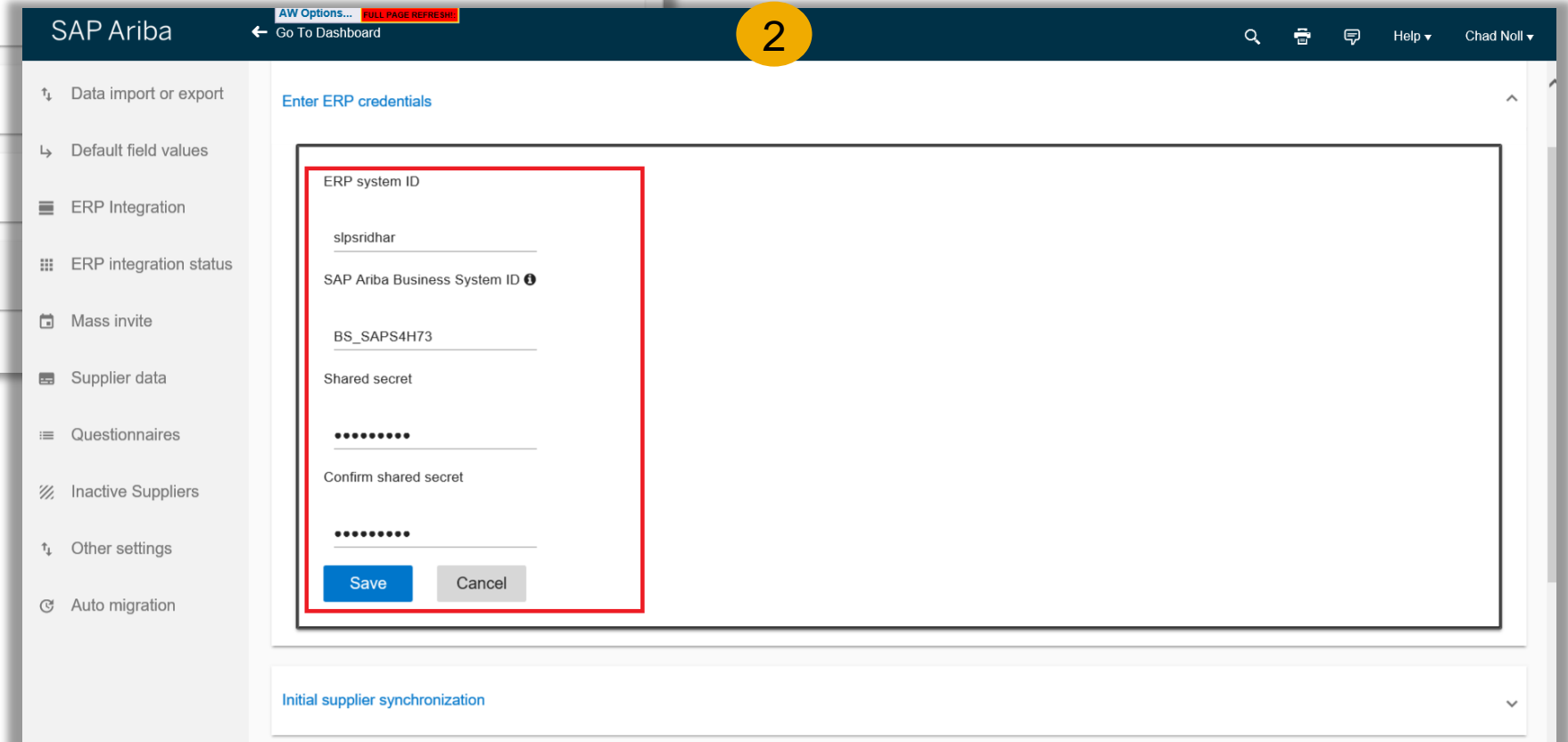
The specific vendor master data field for which bi-directional replication was validated are listed at the end of this document. As more SLP capabilities come available, like bank and tax component, these will be included in additional validations, and updated in this Knowledge Transfer document.

Note: Integration with SAP S/4HANA cloud edition is NOT supported, and OUT OF SCOPE for this release.

# SLP configuration for S/4HANA Integration



- In SM administration, configure the **ERP Integration**.
- Provide the S/4HANA **system details** and the **credentials** to access the S/4HANA system



# SLP <-> S/4HANA Supplier basic data synchronization

SLP

S/4HANA

**SAP Ariba** | Full Page Refresh | SAP Hana | Chad Noll | Help | Create

HOME | SUPPLIERS | SUPPLIER MANAGEMENT | MORE

Recent | Manage | Create

SM Vendor ID: **S1282532** | ERP Vendor ID: **34**

SanjaySupFeb13\_10UPDATED  
PALO ALTO, CA, US

Contact Email: SanjaySupFeb13\_10 M  
SanjaySupFeb13\_10@sap.com  
Supplier Manager: Assign supplier manager

Registration Status: **Registered**

Overview | Registration

Created null | Complete

Summary | Contacts | ERP Profile | Certificates

Category status (0)  
SanjaySupFeb13\_10UPDATED is not preferred in any categories.

Qualification summary  
Supplier has no qualified categories.

Origin of the Supplier

**Supplier request form** | Requested by: Chad Noll

Supplier Name	SanjaySupFeb13_10
Contact First Name	SanjaySupFeb13_10
Contact Last Name	M
Contact Email	SanjaySupFeb13_10@sap.com
Duns Number	150483782
Phone No	3094500011
Street	100 E Dawn
House Number	100
Street 2	Street 2a
Street 3	Street 3a
District	Santa Clara
Postal Code	94603
City	Palo Alto
Country	US
Region	CA

Activity

- February 13th 2018 Document Task Status changed from InActive to Completed
- February 13th 2018 Document Task Owner changed from Project Owner to Chad Noll
- February 13th 2018 Document Task Original Owner changed from null to Project Owner
- February 13th 2018 Document Task AllStatus changed from (no value) to Approved
- February 13th 2018 Document Task Start Date changed from (no value) to Tue, 13 Feb, 2018
- February 13th 2018 Document Task End Date changed from (no value) to Tue, 13 Feb, 2018
- February 13th 2018 Status changed from Active to Completed

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Business Partner | Edit | Goto | Extras | Environment | System | Help

Display Organization : 50

Person | Organization | Group | General Data | Relationships

Business Partner: 50 | SanjaySupFeb13\_10 / Palo Alto CA 94603

Display in BP role: Business Partner (Gen.)

Find: Organizations | Name | SanjaySupFeb12\*

Address | Address Overview | Identification | Control | Payment Transactions | Status | No Title

Title: [Dropdown]

Name: SanjaySupFeb13\_10

Salutation: [Field]

Search Terms

Search Term 1/2: [Field]

Standard Address

Print Preview

Street Address

Street 2	Street 2a				
Street 3	Street 3a				
Street/House number	100 E Dawn	100			
District	Santa Clara				
Postal Code/City	94603	Palo Alto			
Country	US	USA	Region	CA	California
Time zone	PST				

PO Box Address

PO Box: [Field]

Postal code: [Field]

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# SLP <-> S/4HANA – Multiple Tax data sync

- Support for multiple data set of vendor master synchronization between SLP & S/4HANA OP.
- Multiple Tax data updated in S/4HANA as shown.

**SLP**

**SanjaySupFeb12\_2**  
Palo Alto, CA, US

SM Vendor ID: **51281603** ERP Vendor ID: **24**

Registration Status: **Registered**

**General**

**Company Code**

For Property Updates  
 Address Information List Complete Transmission Indicator: true  
 Bank Details List Complete Transmission Indicator: true  
 Common List Complete Transmission Indicator: true  
 Role List Complete Transmission Indicator: true

**Vendor Info**

SM Vendor ID: 51281603  
 ERP Vendor ID: 24  
 Integration Status: Integrated  
 Last Integration State: Normal  
 Last Confirmation Status: Show more

**Tax Info**

Tax Number 1: \*\*\*\*\*234  
 Tax Number 2: 1112233

**Vendor Info Ext**

Vendor Unique Name: VDR143412  
 Category Code: 2  
 Number Range Interval Business Partner Group Code: BFPN  
 Account Type:  
 Relationship Type: Show more

**Address Ext**

Address Ext 1  
 Role Ext  
 Role Ext 1  
 Role Ext 2  
 Role Ext 3

**Tax Ext**

Tax Ext 1

Country Code	Tax Identification Number	Type	Code
US	1		*****234

Tax Ext 2

Country Code	Tax Identification Number	Type	Code
US	2		****233

**Purchasing Data**

Activity

- February 12th 2018 Document Task Status changed from InActive to Completed
- February 12th 2018 Document Task Owner changed from Project Owner to Chad Noll
- February 12th 2018 Document Task Original Owner changed from null to Project Owner
- February 12th 2018 Document Task AllStatus changed from (no value) to Approved
- February 12th 2018 Document Task Start Date changed from (no value) to Sun, 11 Feb, 2018
- February 12th 2018 Document Task End Date changed from (no value) to Sun, 11 Feb, 2018
- February 12th 2018 Status changed from Active to Completed

**S/4HANA**

**Display Organization : 38**

Business Partner: 38 SanjaySupFeb12\_2 / Palo Alto CA 94306

Business Partner (Gen.)

Find: Organizations  
 By: Name  
 Name 1: SanjaySupFeb12\*  
 Start

Description

SanjaySupFeb12\_2 / Palo Alto CA 94306  
 SanjaySupFeb12\_3 / Palo Alto CA 94306  
 SanjaySupFeb12\_6 / Palo Alto CA 94306

**Identification Numbers**

External BP Number

IDType	Description	Identification number	Responsible Institution	Entry date	Valid from	Valid To

**Tax Numbers**

Natural Person

Category	Name	Tax Number
US1	USA: Social Security Number	123041234
US2	USA: Employer ID Number	1112233

# SLP <-> S/4HANA – Multiple Bank data sync

SLP

5.1 Bank Infos1		
5.1.1	Bank ID	1002
5.1.2	Bank Name	Bank 1
5.1.3	Country	US
5.1.4	Account Number	111222334
5.1.5	External Id	BOFAUS3M
5.1.6	Standard Id	BOFAUS3M
5.1.7	Account Holder Name	SanjaySupFeb9_5_B1
5.1.8	Bank Key	011000390
5.2 Bank Infos2		
5.2.1	Bank Id	1003
5.2.2	Bank Name	Bank of USA - SAMPLE BANK
5.2.3	Country	US
5.2.4	Account Number	111222335
5.2.5	External ID	SWFTUST0302
5.2.6	Standard ID	SWFTUST0302
5.2.7	Account Holder Name	SanjaySupFeb9_5_B2
5.2.8	Bank Key	150350300
6 Bank Info 3		
6.1	Bank ID	1004
6.2	Bank Name	Citibank NY
6.3	Country	US
6.4	Account Number	111222336
6.5	External ID	CITUS44MIA
6.6	Standard ID	CITUS44MIA
6.7	Account Holder Name	SanjaySupFeb9_5_B3
6.8	Bank Key	444444

S/4HANA

Display Organization : 35

Business Partner 35 SanjaySupFeb9\_5 / Palo Alto CA 62040

Display in BP role Business Partner (Gen.)

Address Address Overview Identification Control **Payment Transactions** Status No Title

Bank Details						
ID	Ctry	Bank Key	Bank acct	Control Key	IBAN	Referen
1002	US	011000390	111222334			
1003	US	150350300	111222335			
1004	US	444444	111222336			

Bank Data... Change History Validity Change Entry 1 of 3

Payment Cards					
ID	Type	Description	Card Number	Standard	Description
				0	
				0	
				0	
				0	

Card Details ... Change History Entry 0 of 0

# SLP <-> S/4HANA – Bi-directional synchronization – verified data set

Supplier Data	SLP field mapping	S/4HANA field
Supplier name	vendor.vendorInfo.name1	LFA1 -> Name
Supplier address	vendor.address.*	LFA1 -> ADRNR
Supplier contact Information <ul style="list-style-type: none"> <li>Email</li> <li>Phone</li> </ul>	<ul style="list-style-type: none"> <li>vendor.contacts.email</li> <li>vendor.contacts.telephone</li> </ul>	LFA1 -> TELF1
<ul style="list-style-type: none"> <li>Identifiers:</li> <li>DUNS#</li> <li>TaxID</li> </ul>	<ul style="list-style-type: none"> <li>vendor.vendorInfo.dunsId</li> <li>vendor.taxInfo.taxNumber1</li> </ul>	LFA1 -> KRAUS
Bank details <ul style="list-style-type: none"> <li>Bank Country</li> <li>Bank Key</li> <li>Bank Acct Number</li> </ul>	<ul style="list-style-type: none"> <li>vendor.bankInfos.country</li> <li>vendor.bankInfos.key</li> <li>vendor.bankInfos.accountNumber</li> </ul>	LFBK -> BANKS LFBK -> BANKK LFBK -> BANKN
Tax Info <ul style="list-style-type: none"> <li>Type</li> <li>Tax Number</li> </ul>	<ul style="list-style-type: none"> <li>vendor.taxInfo.taxType</li> <li>vendor.taxInfo.taxNumber1</li> <li>vendor.taxInfo.taxNumber2</li> <li>vendor.taxInfo.taxNumber3</li> <li>vendor.taxInfo.taxNumber4</li> <li>vendor.taxInfo.taxNumber5</li> </ul>	LFA1 -> J_1AFITP_D LFA1 -> STCD3 (STCD1) LFA1 -> STCD2LFA1 -> STCD3 LFA1 -> STCD4 LFA1 -> STCD5