



INTERNAL

SAP Ariba - Master Data Native Integration with SAP S/4HANA

Pre-packaged SAP Cloud Integration content
Setup instructions

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SAP S/4HANA, SAP S/4HANA Cloud and SAP Master Data Integration provide outbound WebServices, Communication Arrangements and Distribution Models for replicating Master Data elements to SAP Ariba applications. This integration package supports such scenarios and features an option to automatically add prefixes to Company Code, Plant and Purchasing Organization data, required in Central Procurement landscapes with overlapping Master Data across Connected Systems.

SUPPORTED SYSTEMS

The package supports Master Data integration with SAP S/4HANA 1809, 1909, 2020, SAP S/4HANA Cloud, and SAP Master Data Integration.

MASTER DATA ELEMENTS

The package supports through a single iFlow all 21 elements provided by SAP S/4HANA, plus the User related WebService from SAP Identity and Access Management

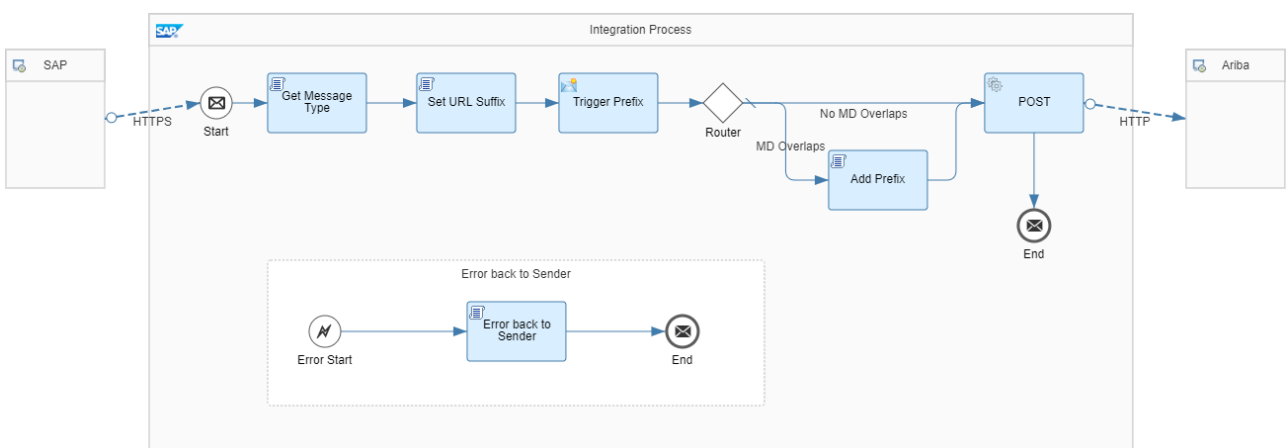
Communication Arrangement	Element Name	Consumer Proxy	Outbound implementation
SAP_COM_0179 Finance – Accounting Master Data Integration	Company Code	BNSCompanyCodeMasterDataReplicationBundleRequest_Out	AR_CCODE
	G/L Account	BNSGLAccountMasterDataReplicationBulkRequest_Out	AR_GLACC
	Cost Centre	BNSCostCentreMasterDataReplicationBulkRequest_Out	AR_CCTR
SAP_COM_0114 Foundation Master Data integration	Currency	CurrencyMasterDataReplicationBundleRequest_Out	ARIBA_994
	Exchange Rate	ExchangeRateMasterDataReplicationBundleRequest_Out	ARIBA_995
	Material Group	MaterialGroupMasterDataReplicationBundleRequest_Out	ARIBA_993
	Incoterms	IncotermsMasterDataReplicationBundleRequest_Out	ARIBA_997
	Item Category	PurchaseDocumentItemCategoryMasterDataReplicationBundleRequest_Out	ARIBA_996
	Region	RegionMasterDataReplicationBundleRequest_Out	ARIBA_998
	Unit of Measurement	UnitOfMeasurementMasterDataReplicationBundleRequest_Out	ARIBA_999
SAP_COM_0116 Procurement Master Data Integration	Plant	PlantMasterDataReplicationBundleRequest_Out	LMDR_PLANT
	Assignments of Plant to Purchasing Organization	PlantPurchasingOrgMasterDataReplicationBundleRequest_Out	LMDR_PLPRG
	Purchasing Group	PurchasingGroupMasterDataReplicationBundleRequest_Out	LMDR_PGRP
	Purchasing Organization	PurchasingOrganisationMasterDataReplicationBundleRequest_Out	LMDR_PORG

Communication Arrangement	Element Name	Consumer Proxy	Outbound implementation
	Account Assignment Categories	AccountAssignmentCategoryMasterDataReplicationBundleRequest_Out	LMDR_AACAT
N/A	Asset	BNSFixedAssetMasterDataReplicationBulkRequest_Out	AR_FASSET
	Internal Order	BNSInternalOrderMasterDataReplicationBulkRequest_Out	AR_IORD
	Tax Code	BNSTaxCodeMasterDataReplicationBulkRequest_Out	AR_TAXCD
	Payment Method	BNSPaymentMethodMasterDataReplicationBundleRequest_Out	ARIBA_PM
	Payment Terms	BNSPaymentTermsMasterDataReplicationBundleRequest_Out	ARIBA_PT
	WBS Element	WBSElementMasterDataReplicationBulkRequest_Out	PS_WBS_OUT
	Products	ProductMDMBulkReplicateRequest_Out	194_3

INTEGRATION FLOW

The integration flow receives a HTTP call from SAP S/4HANA, SAP S/4HANA Cloud or SAP Master Data Integration and detects which message type it is carrying. With this information the flow determines to which endpoint of SAP Ariba Master Data Native Integration the call needs to be forwarded.

Flow diagram



Configurable parameters

The details required to configure this flow are:

- Ariba Credentials: the username and password configured in SAP Ariba Buying on the Endpoint assigned to this WebService
- Ariba Service Hostname and Port: depending on the datacenter where your SAP Ariba solution runs, the hostname varies:
 - o US DataCenter: mu.ariba.com:443
 - o EU DataCenter: eu.mu.ariba.com:443
 - o RU DataCenter: ru.mu.ariba.com:443
 - o CN DataCenter: mu.sapariba.cn:443
 - o UAE DataCenter: mn1.mu.ariba.com:443
 - o KSA DataCenter: mn2.mu.ariba.com:443
 - o AU DataCenter: mu.au.cloud.ariba.com:443
- Realm ID: your SAP Ariba solution tenant ID. It can be retrieved from the login URL used to connect to the application:
 - o <http://realmID.procurement.ariba.com>
 - o <https://s1.ariba.com/Buyer/main/?realm=realmID>
- ANID: The Ariba Network ID (ANID) assigned to your customer site. Typically, ANID follows a format such as AN01031837479.
- Master Data overlaps (MDOverlaps):
 - o N: No Master Data overlaps exist across the customer Connected Systems; prefixes will not be added to Master Data elements replicated to SAP Ariba Buying
 - o Y: Master Data overlaps exist, the iFlow will apply a prefix to Company Codes, Purchasing Organization IDs and Plant IDs. The prefix corresponds to the SenderBusinessSystemID field in the incoming XML messages.

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