SAP Ariba

Feature at a Glance
Configuration Parameter Review API

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Feature at a Glance
Introducing: Configuration Parameter Review API

Customer challenge

Our partners and customers currently cannot view or export all parameters that are managed internally in SAP Ariba.

- Only customer editable parameters are viewable in Intelligent Configuration Manger (ICM)

- In order to receive information on parameters outside of ICM, a Service Request must be logged with SAP Ariba Support

Meet that challenge with
SAP Ariba

Provide a read-only REST API for customers and partners that will provide:

- Easy export of buying and invoicing / sourcing and contracts parameters

- Access for all registered users on the SAP Ariba Developer Portal

- Read-only access to all parameters; not just the customer self-service parameters

Experience key benefits

- Increase Visibility
- Reduce Service Requests
- Improve Resolution Times
- Self-service

Solution area

SAP Ariba developer portal

SAP Ariba APIs

SAP Ariba Sourcing

SAP Ariba Buying

Implementation information

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

Prerequisites and Restrictions

Prerequisites: In order to create an application and request access to use the SAP Ariba APIs relevant to this feature, you must have access to the SAP Ariba developer portal. For details see "Steps to begin using the SAP Ariba APIs" in the help for *The SAP Ariba Developer Portal*.

Restrictions: This API may be used only to view configuration parameters and their values; it may not be used to set or change parameter values.

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- Read-Only APIs for realm parameter management for Buyer and Sourcing applications.

- Using these APIs, users may

  - Get details of a single parameter

  - Get details of all parameters

  - Search parameters based on name and description

  - Filter parameters using a logical expression

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Introducing: **Configuration Parameter Review API**

Get details of a single parameter

| GET | `/parameters/{parameterName}` | Get single parameter related to the tenant |

Name	Description
parameterName * required string *(path)*	text to search the parameters by name
includeMetadata boolean *(query)*	flag to include metadata with parameters
realm * required string *(query)*	Realm name
locale string *(query)*	Language string to get localized description and displayname. For example en_US, ja, ko, etc
apiKey * required string *(header)*	Use any Application Key of an Application(s) you created in developer portal. If you don't have an Application, please create one.

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Get details of a single parameter

• Sample request response for getting single parameter
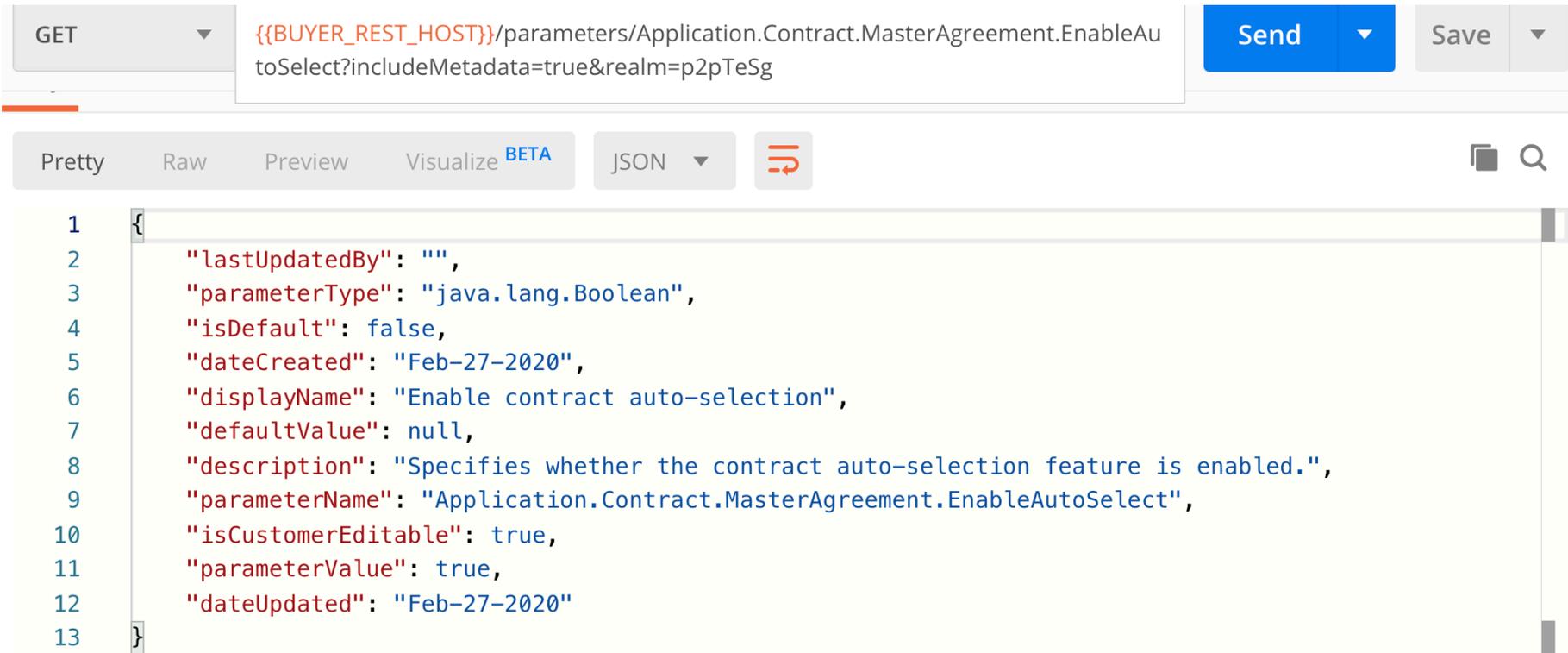
| GET ▾ | {{BUYER_REST_HOST}}/parameters/Application.Contract.MasterAgreement.EnableAutoSelect?includeMetadata=true&realm=p2pTeSg | Send ▾ | Save ▾ |

| Pretty | Raw | Preview | Visualize BETA | JSON ▾ | ⇄ | 📋 🔍 |

```
 1   {
 2       "lastUpdatedBy": "",
 3       "parameterType": "java.lang.Boolean",
 4       "isDefault": false,
 5       "dateCreated": "Feb-27-2020",
 6       "displayName": "Enable contract auto-selection",
 7       "defaultValue": null,
 8       "description": "Specifies whether the contract auto-selection feature is enabled.",
 9       "parameterName": "Application.Contract.MasterAgreement.EnableAutoSelect",
10       "isCustomerEditable": true,
11       "parameterValue": true,
12       "dateUpdated": "Feb-27-2020"
13   }
```

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Get details of all parameters

- Response includes a List of parameters.

- Parameters can be searched with partial names and description.

- Parameters can be filtered based various conditions.

- Sample Request.


```
GET    /parameters   Get all parameters related to the tenant
```

```
625         },
626         {
627             "lastUpdatedBy": "",
628             "parameterType": "java.lang.Boolean",
629             "isDefault": false,
630             "dateCreated": "Saturday, July 26, 2003 at 12:00 AM",
631             "displayName": "Enable service sheet approval in external ERP system'
632             "defaultValue": false,
633             "description": "Specifies whether the buying solution sends service :
634             "parameterName": "Application.ServiceSheet.EnableERPIntegration",
635             "isCustomerEditable": true,
636             "parameterValue": false,
637             "dateUpdated": "Wednesday, June 19, 2019 at 12:00 AM"
638         },
639         {
640             "lastUpdatedBy": "",
641             "parameterType": "java.lang.Double",
642             "isDefault": false,
643             "dateCreated": "Wednesday, March 7, 2007 at 12:00 AM",
644             "displayName": "Set up tolerance amount for line item price variance
645             "defaultValue": -1.0,
646             "description": "Specifies the absolute amount that the item price on
647             "parameterName": "Application.ServiceSheet.LinePriceTolerance",
648             "isCustomerEditable": true,
649             "parameterValue": -1.0,
650             "dateUpdated": "Wednesday, June 19, 2019 at 12:00 AM"
651         },
652         {
```

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Get details of all parameters includes search and filtering

Name	Description	GET /parameters Get all parameters related to the tenant
$search **string** *(query)*	text to search the parameters by name and description	
realm * required **string** *(query)*	Realm name	
includeMetadata **boolean** *(query)*	flag to include metadata with parameters	
consolidate **boolean** *(query)*	Option to whether consolidate meta parameters with default values	
$filter **string** *(query)*	A condition to filter the results. For Example: isCustomerEditable eq true, parameterType eq 'java.lang.Integer', parameterType eq 'java.lang.Boolean' and so on. The result collection can be filtered based on the following fields - isCustomerEditable, parameterType, displayName, description, dateCreated, dateUpdated, isDefault, parameterName, and lastUpdatedBy. Use the exact value for each of the above mentioned fields	
locale **string** *(query)*	Language string to get localized description and displayname. For example en_US, ja, ko, etc	
apiKey * required **string** *(header)*	Use any Application Key of an Application(s) you created in developer portal. If you don't have an Application, please create one.	

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