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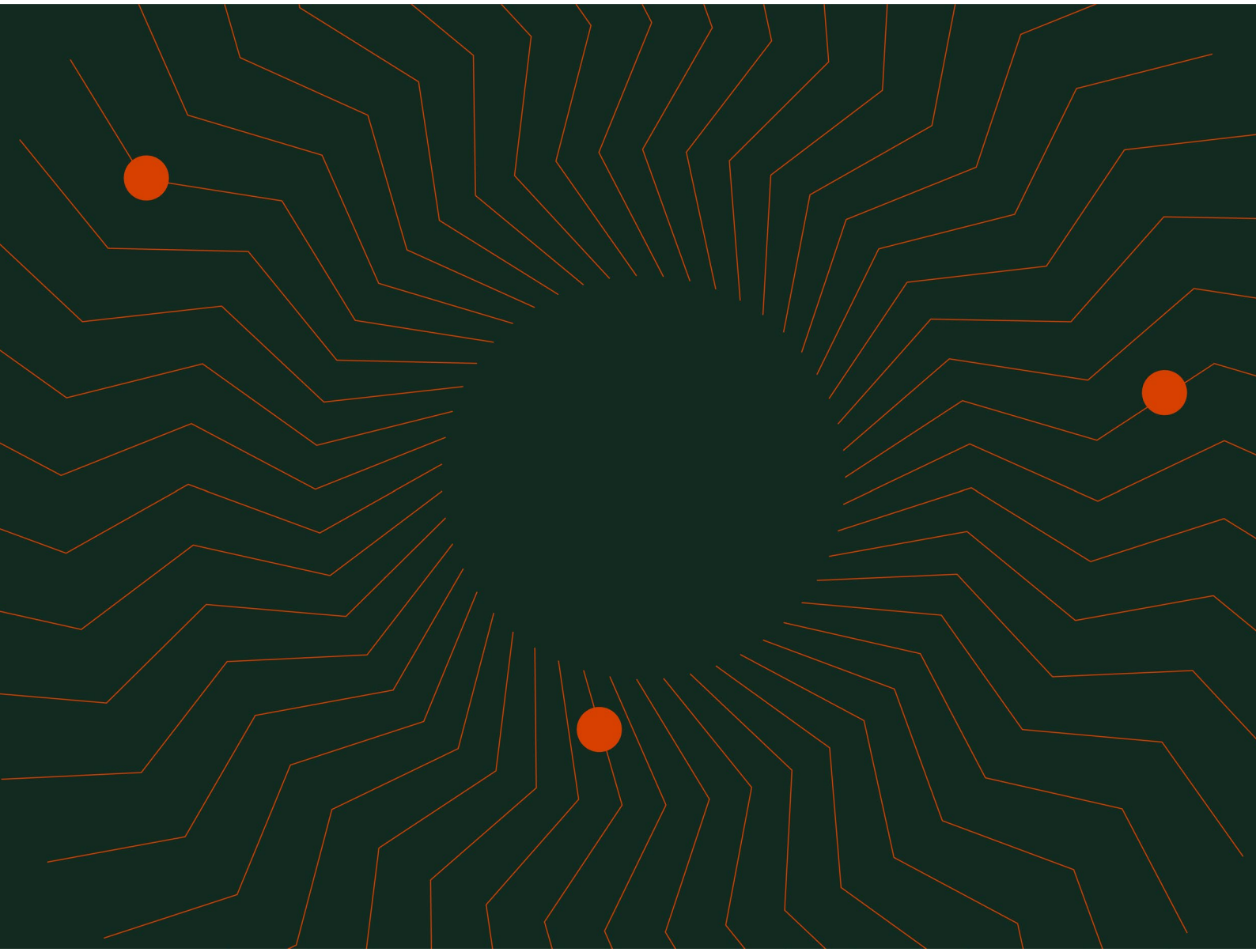
ONESOURCE GLOBAL TAX FOR ARIBA CENTRAL INVOICE MANAGEMENT

CONFIGURATION GUIDE

Production Version: 1.0.0.0



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DOCUMENT HISTORY

Version Number	Version Date	Summary
V1	9.15.2025	This MVP1 configuration guide is for Ariba Central Invoice Management (CIM) solution integrated with ONESOURCE Indirect Tax Determination engine through SAP Business Technology Platform (BTP) CPI for global tax calculation services in US and international (non-US) tax jurisdictions.

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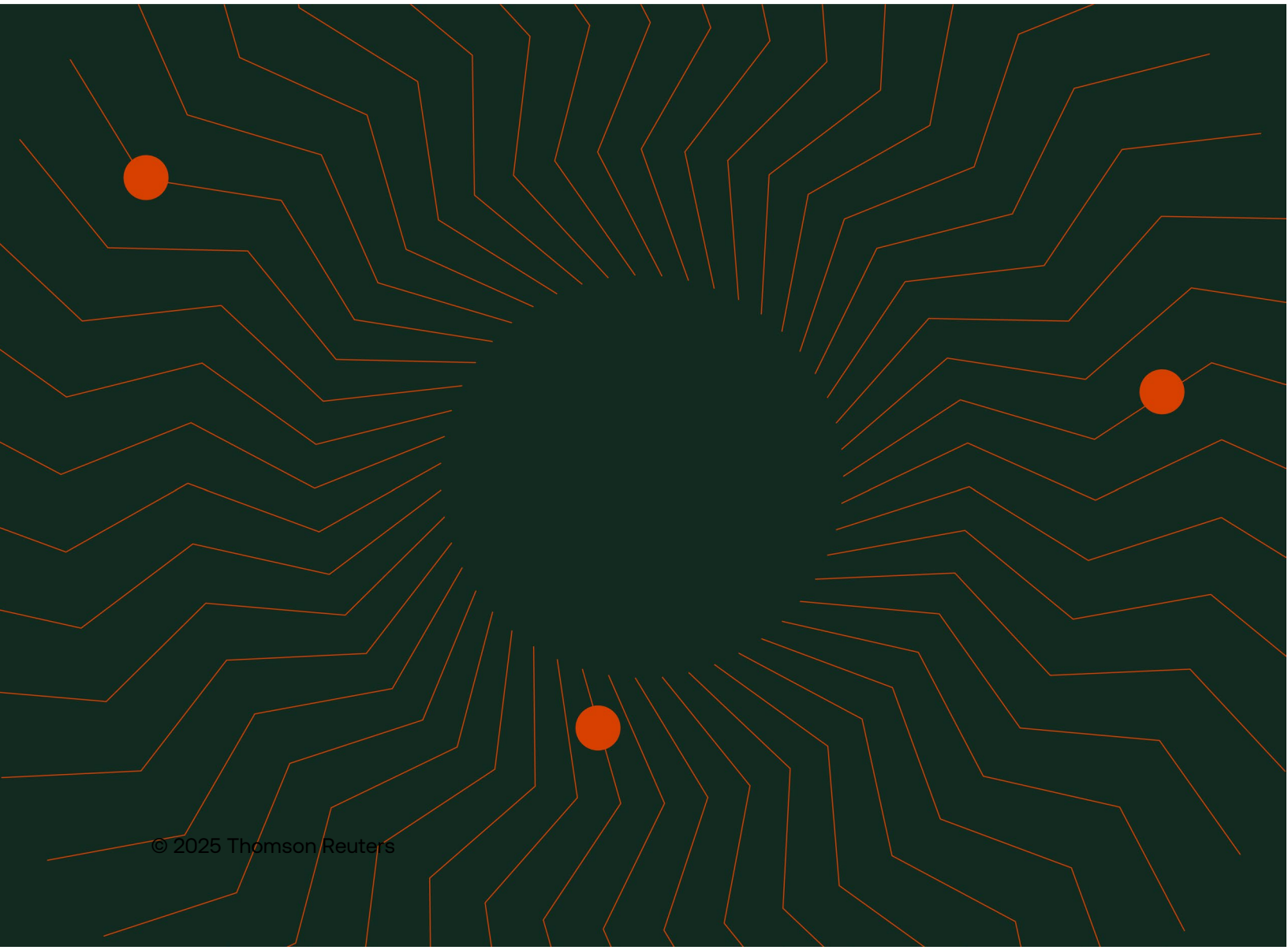

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Introduction

Welcome to ONESOURCE Global Tax for Ariba Central Invoice Management Solution

The ONESOURCE Global Tax for Ariba Central Invoice Management tax integration (OSGTAC v1.0.0.0) solution helps buyer organizations who use SAP invoicing solutions to quickly get accurate tax results for various types of tax transactions, including SalesTax, Consumer use, GST, HST, QST and VAT in different tax jurisdictions.

It simplifies tax calculations by removing the need to manually prepare complex tax data like tax codes, rates etc. Instead, it uses tax relevant information on supplier invoices to obtain tax rates and amounts from ONESOURCE Indirect tax engine through SAP Business Technology Platform CPI app (BTP) integration.

This initial version (MVP1) is exclusively designed for calculation of taxes only. The integrated system is enabled to process tax transactions for SAP supplier invoices uploaded manually, scanned via OCR devices, sent via emails or through SAP Business Network or S4Hana/ECC invoices integrated from the enterprise cloud or on-premises systems.

Who Should Read This Guide?

The guide is recommended for all stakeholders who may be involved in the setup, operations or support of the tax integration product. The list includes the following:

- Ariba Central Invoice Management Systems Analyst
- Ariba CIM integration Consultant
- SAP Central Invoice Management support team
- Thomson Reuters Professional Services Team
- ONESOURCE Indirect Tax 3rd party integration partners
- ONESOURCE Indirect Tax integration product support team

Pre-requisites

For a seamless and successful deployment of BTP Integration for Ariba Central Invoice Management Solutions with ONESOURCE follow all instructions within this guide.

A good knowledge of the Ariba Central Invoice Management solution, SAP Business Technology Platform, SAP Invoicing solutions, ONESOURCE Indirect Tax Determination as well as Administrator knowledge of these systems are required to set up and use this solution for tax calculation purposes. We recommend that you assemble a team to implement this product because it requires both functional and technical knowledge of various SAP and ONESOURCE solutions.

The following requirements are expected to be completed before initiation of the configuration of the ONESOURCE Global Tax for Ariba Central Invoice Management integration solutions:

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TASK	TASK NAME	DESCRIPTION/DETAILS	RESPONSIBLE TEAM
1	Customer subscription to Thomson Reuters ONESOURCE Indirect Tax engine services.	Active Thomson Reuters contract for download of integration App and configuration information for Thomson Reuters' integration destination/CPI app.	Customer/TR Sales Team
2	Customer subscription to SAP Invoicing solutions including S4HANA Cloud, SAP ERP or SAP S4HANA	Active SAP systems contract and functional SAP systems required for tax integration	Customer/SAP Sales Team
3	Download and deployment of ONESOURCE Indirect Tax BTP app(CPI)	Required for configuration of CPI-integration in customer integration suite environment	Customer/Integration Partners/SAP
4	Subscription to SAP Integration Suite	This is required for the deployment of SAP BTP I-flows in customer environment	Customer/SAP Consultants/Partners/TR-PS

System Prerequisites

The configuration involves using REST protocol to request tax calculation service from cloud system to a cloud-based system and requires download and set up of the ONESOURCE CPI app in the customer Integration suite environment

SYSTEM	REQUIREMENTS
Supported Browsers for Ariba CIM solution	Microsoft Edge (latest 2 versions), Safari(latest version), Google chrome (latest version)
Supported operating systems for Ariba CIM solution	Microsoft Windows-8.1,10,11, Apple MacOS-latest two versions

Customers are advised to visit SAP help section or the attached link for latest version of the above information.

https://support.sap.com/content/dam/SAAP/Sol_Pack/S4C/Library/Setup/4N6_Set-Up_EN

Scope of MVP1 integrated ONESOURCE tax solution for Ariba Central Invoice Management

The ONESOURCE Global Tax for Ariba Central Invoice Management Solutions makes the tax calculation process simple by eliminating the need for manual tax handling.

The solution has been developed to comply with the following scope.

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- Integrated Ariba Central Invoice Management Procurement Solutions with S4HANA Cloud, SAP ERP and S4HANA.
- Tax calculation requests and response to ONESOURCE indirect tax solution from Ariba Central Invoice Management Purchase for (PO based, non-PO based Invoices, Credit Memo, and Debit Memo).
- It supports the following summarized tax types available on different SAP procurement solutions including:
    - S4HANA- Enterprise Cloud: SalesTax; Use Tax, GST, HST, PST, QST, VAT
    - S4HANA- On-premises: SalesTax, Use Tax, GST, HST, PST, QST, VAT.
    - ERP 6.0: SalesTax, Consumer Use Tax, GST, PST, HST, QST, VAT.
- Summarized ONESOURCE Tax response with granular tax components in all tax jurisdictions.
- Direct Pay Permit feature in US tax authority (Buyer Payable Tax)
- Support for Reverse Charge, Recoverable, Non-recoverable, Reduced tax rates, and tax exemptions.
- Support for OAuth 2.0 authentication protocol
- US and international tax jurisdictions as per scope 4N6 (46 countries). See Appendix iv for all supported tax jurisdictions.
- Tax calculation results for Brazil are not supported in this version.
- MVP1 does not support granular tax results only as part of the posting components.
- Support for header level taxes only.
- Logging and error message handling feature on ONESOURCE integration UI
- Support for Tax Code Qualifier Tax Type Mapping (default tax type mapping for Ariba CIM)
- ONESOURCE Integration common UI for custom fields, systems ID configuration, log enablement and tax credential configuration.

RESOURCE	DESCRIPTION
Customer Support	Look for answers in the Knowledge Base, or open a support ticket on https://tax.thomsonreuters.com/support/onesource/indirect-tax
Configuration Guide	This guide instructs how to configure and set up the integration product to enable tax calculations using ONESOURCE Indirect Tax Determination.

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Support Protocol

The ONESOURCE Global Tax for Ariba Central Invoice Management Solutions is built, maintained, and owned by Thomson Reuters Tax & Accounting Indirect Tax. The business unit has a dedicated group of employees who have built this product. Ariba Central Invoice Management built the tax API within Ariba Central Invoice Management hence they support the process of gathering data within Ariba Central Invoice Management and making it available to the tax API. Thomson Reuters Integration maps data between Ariba Central Invoice Management Tax API and Determination. In case of an issue with the ONESOURCE Global Tax for Ariba Central Invoice Management Solutions, please follow below mentioned simple steps to open a support ticket with Thomson Reuters:

1. Identify the potential issue and gather all necessary facts (log files, scenarios, configurations, screen prints).
2. Provide steps to reproduce the scenario leading to the issue.
3. Provide system environment information such as your Ariba Central Invoice Management Procurement Solution version, Cloud Integration version. ONESOURCE Indirect Tax Determination version and ONESOURCE Global Tax Integration for Ariba Central Invoice Management Solutions integration version.
4. Open a support ticket with Indirect Tax at https://tax.thomsonreuters.com/support/onesource/indirect-tax

Style Conventions

Style conventions provide a guide as to how to interpret information.

Bold text indicates most user interface elements, such as:

- Data you are expected to enter, such as in a text field.
- Pages, buttons, tabs, and field names
- Dialog boxes, drop-down lists, selections within lists, and check box titles.
- Windows
- Menu items

CAPITALIZED text indicates keyboard commands, such as ENTER, or database components.

Courier text indicates command-line input/output.

<brackets> indicate user entry. For example, <host> indicates you should replace the text and angle brackets with your server's name.

Book titles are shown in italics and sections within a book are in quotation marks, such as "Tips and Tricks" in the ONESOURCE Indirect Tax User Guide.

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Application Overview

This chapter describes:

- The purpose and benefits of the ONESOURCE Global Tax for Ariba Central Invoice Management (CIM) solutions application
- A high-level overview of the business process flow
- A description of the Ariba CIM internal integration architecture

Purpose And Benefits

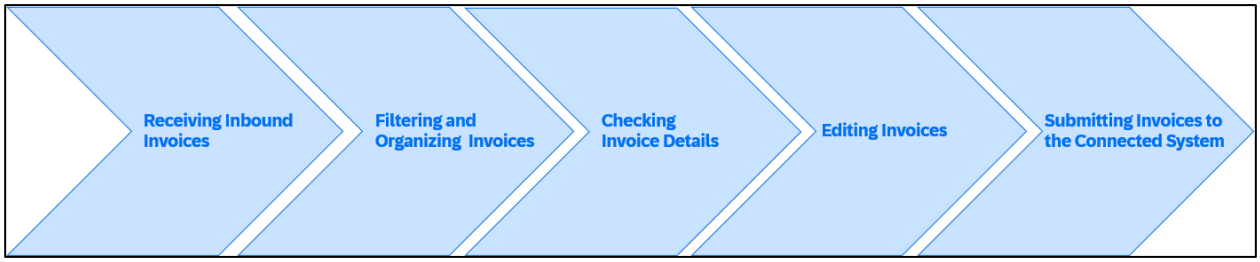
The ONESOURCE Global Tax for SAP Ariba Central Invoice Management Solutions application enables organizations using SAP invoicing solutions integrated with ONESOURCE Indirect Tax Determination to accurately and efficiently calculate taxes for Invoice transactions.

This product enables Organizations to utilize tax calculation service from a robust tax engine backed up by world class dynamic and most up to date tax content. Based on tight BTP integrations, users can benefit from tax calculation on Ariba Central Invoice Management approvable including Invoice, Credit Memo, and Debit Memo transactions for domestic, foreign, and cross-border tax scenarios spanning through simple to complex tax calculation transactions.

When ONESOURCE Global Tax for Ariba Central Invoice Management solutions is integrated with Ariba Central Invoice Procurement Solution, time and effort required for manual tax master data maintenance is saved while accessing most up to date content in real-time.

Overview Of ARIBA Central Invoice Management

SAP Ariba Central Invoice Management on SAP BTP provides a single point of access and visibility to supplier invoices from multiple connected systems, such as SAP S/4HANA Cloud Public Edition, SAP S/4HANA, and SAP ERP systems. This business solution contains a variety of apps to help you import invoices with precise parameters and manage them in a unified interface.
As a business user, you can complete the following steps for invoice processing:



These high-level steps illustrate the steps as well as features for invoice processing available within SAP Ariba Central Invoice Management. Ariba CIM basically facilitates the process of receiving invoices from different SAP systems through different channels including SAP Business Network, manual upload, integration from different SAP systems. It has the capacity to filter and organize the invoices for different values including verification of details, editing of content, verification of taxes through the external or internal tax engines as well as submission of the invoices to the connected systems. The APP is built on the SAP BTP platform which offers connection to the ONESOURCE tax engine through the Integration suite connectivity feature. See below for SAP BTP internal architecture diagram showing different BTP features and their functions including the Integration suite.

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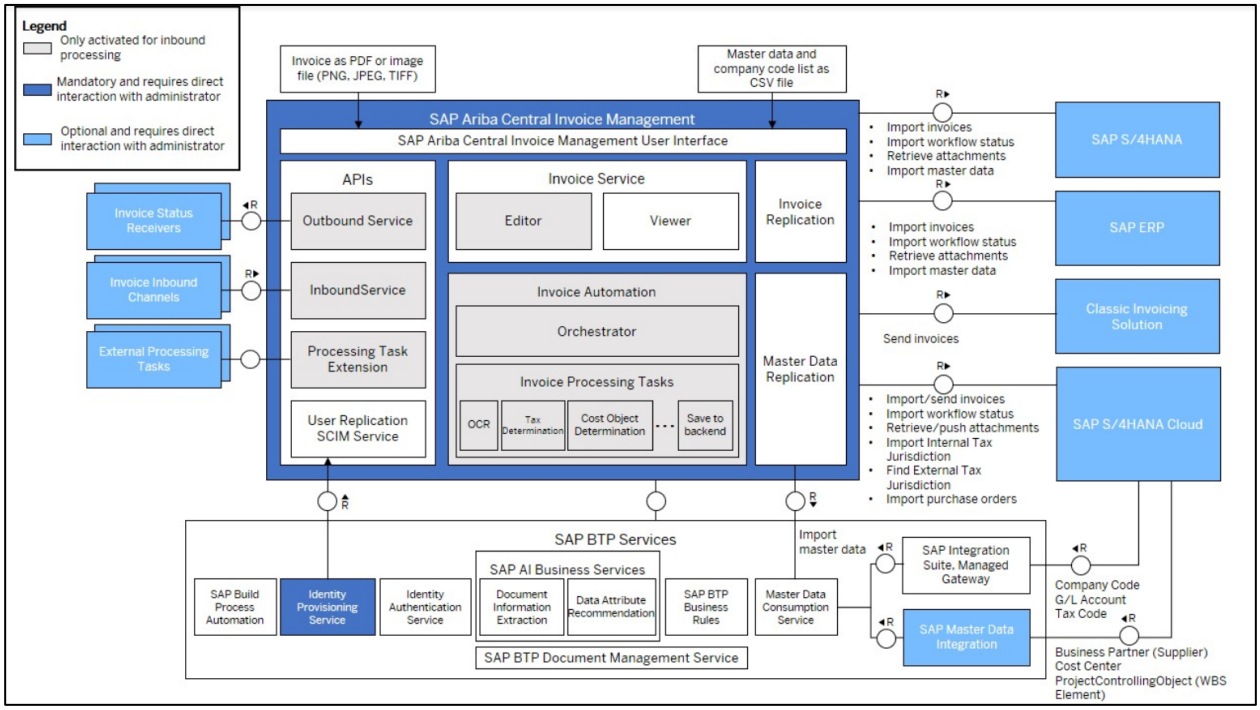
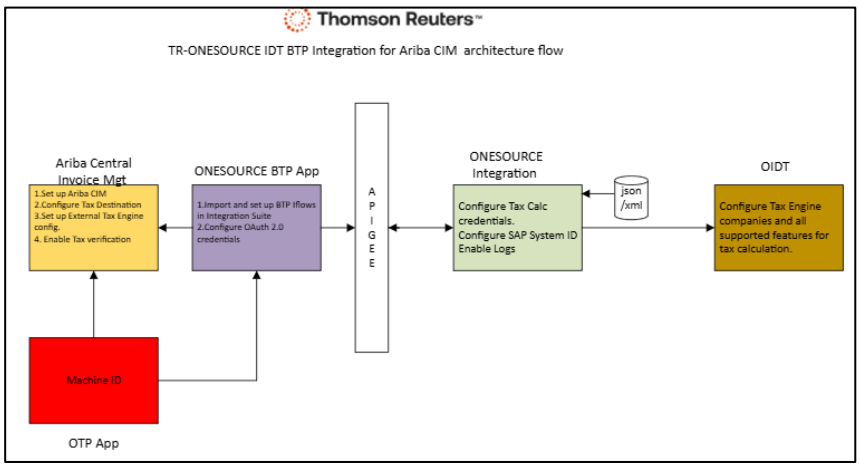


Ariba Central Invoice Management Tax API is designed to make tax calls to ONESOURCE through the CPI I-flows app deployed in the integration suite of SAPBTP platform. For details on the key features of the SAP Central Invoice Management features please see the SAP link below.

https://help.sap.com/doc/adf5c3434caf44cd986f972449e75c64/SHIP/en-US/8cc31fcac2894e57b8b7266177f8b05d.pdf

Below is the architecture flow of the Ariba CIM/ONESOURCE integration through the BTP CPI app.



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ONESOURCE Global Tax for Ariba Central Invoice Management Solutions Integration Set up Process

The following mandatory configuration steps are required to be completed on Ariba Central Invoice Management solution to facilitate tax integration with ONESOURCE external tax engine.

Set Up Process

1.0 Configure Ariba Central Invoice Management tenant:

Follow all the steps listed in the guide below in the specified sequence to set up and configure SAP Ariba Central Invoice Management.

ARIBA CIM CONFIGURATION	WHERE TO FIND INFORMATION
Configure SAP Ariba Central Invoice Management.	Setting Up Invoice Processing with SAP Ariba Central Invoice Management (4N6) - Applicable for SAP S/4HANA Cloud Public Edition Follow SAP latest guide to set up the configuration through the booster feature or configure manually if the project systems does not fulfil requirements for booster configuration.

Please note that for configuration of the ***External Tax Engine destination*** based on the above guide, the Thomson Reuters Professional Services team will provide the configuration information listed below **as part of the customer on-boarding process:**

- Client ID,
- Client Secret,
- URL
- Token Service URL

Customers are required to configure "**Thomson Reuters**" as the name of the external tax partner under the destination property "**sap.external.Tax**"in the destination configuration UI for ONESOURCE indirect tax CPI integration.

2.0 Complete all required administration tasks on the Ariba Central Invoice Management tenant(subaccounts).

CIM ADMINISTRATION TASK	WHERE TO FIND INFORMATION
Create roles, group them in role collections and assign them to your users so they can access applications, company codes and invoices.	Assigning Administrator Roles to Yourself or to the Administrator
Create data restrictions to define the scope of applications, company codes and invoices your users can access.	Manage Data Restrictions
Set a connection to a backend system.	Manage Connected Systems

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CIM ADMINISTRATION TASK	WHERE TO FIND INFORMATION
Edit the communication arrangements of the system you connected.	About Communication Arrangements
Import master data from the connected system	Import master data from the connected system
• Initial replication of master data.	Replicating Master Data from SAP S/4HANA Cloud Public Edition and Checking Replication Status
• Import company code master data and multiple other master data types.	Schedule Import of Master Data
• Import supplemental company code, accounting document types and workflow information.	Import Master Data from File
Configure business rules to set invoice tax and account information automatically. You can also configure rules for submitting invoices automatically or manually.	Configure Business Rules
Define precisely the scope of company codes and invoices that you would like to manage in SAP Ariba Central Invoice Management.	Configure Business Data Scope
Configure and activate the import of invoices using the scheduler.	Schedule Import of Supplier Invoices
Configure and activate the import of purchase orders using the scheduler.	Schedule Import of Purchasing Data
Get the clearing status	Get the clearing status
• To get the clearing status from a connected system, you need to schedule a payment status extraction for supplier invoices job (recurring task) in that connected system.	Schedule Jobs for Central Invoice Management
• Do a full replication to get the clearing status of the already imported invoices.	N/A

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Optional Steps

STEP	WHERE TO FIND INFORMATION
Select which optical character recognition (OCR) and information extraction service should be used during the processing of supplier invoices. You can configure either the default Document Information Extraction by SAP AI Business Services or a custom OCR and information extraction service.	Manage Optical Character Recognition (OCR) and Information Extraction
Automate the upload of emailed invoices using the SAP Build Process Automation feature	Supplier Invoice File Extraction from Email and Upload to SAP Ariba Central Invoice Management (6JX) SAP Build Process Automation documentation
Configure data attribute recommendation to automatically enrich draft invoices.	Configure Data Attribute Recommendation
Process invoices with reference objects.	Invoice Verification in the Background
If outbound processing is activated in the business data scope, you can check the invoice data export logs.	Display Invoice Data Export Logs
Receive invoices from SAP Business Network using SAP Integration Suite, Managed Gateway.	Receive Invoices from SAP Business Network
After you have imported invoices, you or the configurator can activate workflow extraction to enable workflow information display.	Schedule Jobs for Central Invoice Management
After you have imported master data to SAP Ariba Central Invoice Management from the connected system, you can view all the master data along with the import details in one place.	Display Imported Master Data
Create workflow for supplier invoice approval.	Manage Workflows for Supplier Invoice Approval

Customers may visit SAP help for Ariba Central Invoice Management or click the link below for the latest version of the above steps:

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https://help.sap.com/docs/CENTRAL_INVOICE_MANAGEMENT/eed6f62fbe144d7f87d7397d673a2ffe/3c3cddcceab6452b86baf442b762ec40.html

3.0 Configuration of Thomson Reuters as External Tax Engine provider on Ariba CIM

This is a required configuration through the Ariba CIM inbound API for creation of external tax engine partner. The objective is to set up the external tax provider as **"Thomson Reuters"** based on all required Company codes on the invoices. This configuration requires the retrieval of the S4HANA systems ID before initiation of the configuration. See below the details of all fields required for the configuration. All required company codes should be configured through the update process after the first configuration step.

Data Structure

COLUMN	DESCRIPTION	MANADATORY	SAMPLE VALUE
ID	String. A combination of tenant and company code, separated by a colon. To get the tenant value, follow the steps below: 1. Log into SAP S/4HANA Cloud Public Edition system. 2. Open the **Communication Systems** app. 3. Copy the system ID from the row flagged as **Own System = Yes**.	Yes	0X5L:1010
CompanyCode	String. The unique internal identifier of a company code.	Yes	1010
Source	String. The name of the third-party system that provides the tax calculation service.	Yes	**Thomson Reuters** should be entered as external tax engine name. Same information maintained on destination configuration for ONESOURCE Indirect Tax engine.
DocumentType	String. This shows the type of document.	Yes	Invoice, Credit memo, Debit memo

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3.1 Get Access Token

The first step in this configuration process is the generation of valid access token for access to the API. To generate the token please follow the process below:

Context

Navigate to the Overview page of your SAP Ariba Central Invoice Management subaccount in SAP BTP cockpit.

Procedure

a. Under **Services**, select **Instances and Subscriptions**.
b. Select **Create**.

The **New Instance** or **Subscription** dialog box is displayed

- **Service**: From the dropdown list, select **Cloud Identity Services**.
- **Plan**: From the dropdown list, choose **application**.
- **Runtime Environment**: From the dropdown list, select **Other**.
- **Instance Name**: Enter an instance name.

c. Select **Create**. In the pop-up window, select **View Instance**.
d. On the instance you have created, select **...**, then **Create Service Binding**. Enter a binding name, no JSON required.
e. Select **Create**.
f. On the service key you have created, select **...**, then **view**.

The service key detail text is displayed in a pop-up window. Note the corresponding values of the following fields:

- **clientid**
- **clientsecret**
- **url**

g. Log in to IAS.
h. Go to **Applications and Resources** Applications.
i. Search for the instance you created in Step 2 above.
j. Under **Application APIs**, select **Dependencies**.
k. Select **Add**.

Enter the following:

- **Dependency Name**: mdcs
- **Application**: select consumer tenant from list
- **API**: select mdcs-api

l. Select **Save**.
m. You can now make a request to the API using the following values:

Base URL: url value from the URL value collected above from the service key.

URL Path: /oauth2/token

HTTP Method: POST

Request Headers

HEADER	VALUE
x-app_tid	<Consumer tenant ID>

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Request Headers

HEADER	VALUE
x-zone_uuid	<Consumer tenant ID>

Body

KEY	VALUE
client_id	The **clientid** value from the service key.
client_secret	The **clientsecret** value from the service key.
grant_type	Token grant type. Set it to client credentials.
resource	urn:sap:identity:application:provider:name:mdcs The name used here should be the dependency name provided in the step above.

The response is given as a status. The access token is displayed in the success response. See sample of the response below.

Response Example

200 "Success"

See appendix 1 for a sample of the sample of a successful response after token generation.

3.2 Initiate External Engine Configuration

The configuration can be initiated through POST man with the information below after generating access token. The

- Request URL: https://<cim application URL>/mdcs-service/v2/mdcs-publish/api/inbound/publish/ODM.TaxCalculationProvider
- HTTP Method: POST
- Request Headers

HEADER	VALUE
Dwc-Tenant	<Consumer tenant ID>

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- Request body layout is application/json.

The request body should be used for the initial configuration of the external tax provider and invoice, while the update body may be used to update additional company codes or document types. The deleted body should be used for deleting the configured information.

For samples of Request body to Create, Update and Delete external tax engine configuration events, please see **Appendix III**

4.0 Enable Verify Tax feature on Ariba Central Invoice Management solution

This configuration is required to enable the **Verify Tax** button and make it visible in the **Tax** tab on the invoice detail page. It is activated in the **Manage Supplier Invoices Centrally** app to manually trigger tax verification on supplier invoices which are in edit mode. This feature also enables access to the **Addresses** tab on the invoice detail page, the **Commodity Code**, **Domain**, and **Product Group** fields in the **Received Invoice Items** section to support the tax verification process.

Prerequisites

- Requires assignment of the CIM_Business_Data_Scope_Admin role on Ariba CIM
- Configuration of external tax providers based on the company codes in the invoices (3.2). For more information, see API for Tax Engine Configuration Based on Company Code
- Completion of external tax destination in Ariba Central Invoice Management solution as specified in the guide in 1.0 above.

Context

By default, this feature is inactive and is changed to active upon completion of enablement tasks.

Procedure

1. Open the SAP Ariba Central Invoice Management launchpad and go to the **Manage Processing Services** app.
2. In the **Tax Calculation** section, select **Edit**.
3. Choose **Active**.
4. Choose **Save**.

A success message is displayed indicating that you have successfully enabled the verify tax calculation feature. After saving, it takes about 20 minutes for the change to take effect.

Results

- You can now use the **Verify Tax** button to trigger the tax verification from the **Tax** tab on the invoice detail page.
- You can access the **Addresses** tab on the invoice detail page.
- You can view the **Commodity Code**, **Domain**, and **Product Group** fields in the **Received Invoice Items** section on the invoice detail page.

Tax Calculation Request and Response on ARIBA Central Invoice Management Solution

The Ariba Central Invoice Management Cloud solution supports tax calculation requests and response on standard Invoices, Debit and Credit Memo documents. The tax calculation calls from Ariba CIM are generated as json elements, however these json files are converted to xml on the ONESOURCE integration layer to facilitate tax calls on the ONESOURCE tax engine through a SOAP call. The source response in xml is converted back to json files in the ONESOURCE integration layer before sending response back to Ariba Central Invoice Management solution.

Below table shows the types of procurement document, type of tax calculation requests supported on Ariba Central Invoice Management solution.

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REQUEST TYPE	PURPOSE	ARIBA CENRAL INVOICE MANAGEMENT
TaxCalculation	Calculation of tax	1. Invoice 2. Credit Memo 3. Debit Memo

Tax Response with Summarized and Granular Tax Components Data

The Ariba CIM /ONESOURCE integration supports tax calculation request and response in json format. The source system response generates only summarized tax response to the source system. Granular taxes are not currently supported on MVP1. See below for samples of the source system request and response files.

Illustration: one

Ariba Tax calculation request:

Ariba Central Invoice Management Tax Calculation Request for Invoice 123

Gross Amount EUR100.00

Vendor Tax (Summarized format) VAT $19.00

Ariba CIM Tax Request file:

US tax request:

NOTE: The illustrated file below shows the tax request message payload in json format with complete list of elements in a typical file.


```
{
  "documentId" : "0f8a8280-d19c-4daf-9847-d882a016f897",
  "documentNumber" : "05212025031123587",
  "companyCode" : "1710",
  "systemId" : "0M4IV8H",
  "documentDate" : "2025-05-21",
  "origin" : "03",
  "documentType" : "invoice",
  "lineItems" : [ {
    "lineItemId" : "7ebbe769-2589-4835-b150-4542875cacaa",
    "lineItemNumber" : 1,
    "supplierId" : "0017300001",
    "commodityCode" : "006",
    "commonCommodityCode" : {
      "id" : "56101504",
      "domain" : "unspsc"
    },
    "quantity" : "10.000",
    "unitOfMeasure" : "PC",
```


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"unitPrice" : "10.000000",

"netAmount" : "1000.000000",

"netCurrency" : "USD",

"taxCode" : **null**,

"taxRate" : "8.000000",

"taxType" : "SalesTax",

"sellerTaxRegistrationNumber" : **null**,

"locations" : [{

"type" : "shipFrom",

"country" : "US",

"postalCode" : "19406",

"region" : "PA",

"streetLines" : "2301 Renaissance Blvd",

"town" : "King of Prussia"

}, {

"type" : "shipTo",

"country" : "US",

"postalCode" : "19406",

"region" : "PA",

"streetLines" : "2301 Renaissance Blvd",

"town" : "King of Prussia"

}, {

"type" : "billFrom",

"country" : "US",

"postalCode" : "19406",

"region" : "PA",

"streetLines" : "2301 Renaissance Blvd",

"town" : "King of Prussia"

}, {

"type" : "billTo",

"country" : "US",

"postalCode" : "94304",

"region" : "CA",

"streetLines" : "3410 Hillview Avenue",

"town" : "Palo Alto"

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```
  } ]
 } ]
}
```


NOTE: **Illustration: two Ariba Central Invoice Tax calculation response:**

Ariba Central Invoice Management Tax Calculation source system response from ONESOURCE showing the summarized tax amount and the posting components at granular level.


```
{
   "documentNumber": "05212025031123587",
   "documentId": "0f8a8280-d19c-4daf-9847-d882a016f897",
   "lineItems": [
      {
         "lineItemId": "7ebbe769-2589-4835-b150-4542875cacaa",
         "lineItemNumber": 1,
         "taxAmount": "60.00",
         "taxCurrency": "USD",
         "taxableAmount": "1000.00",
         "taxableCurrency": "USD",
         "taxCountry": "US",
         "taxCode": "ZZ",
         "relatedLineItemId": null,
         "taxComponents": [
            {
               "taxItemNumber": 1,
               "description": "State Sales/Use",
               "taxType": "SalesTax",
               "formulaString": "USBG2: Buyer-assessed consumers use tax applies.|9970|P|ACI:ZZZ",
               "percent": "6.00",
               "perUnit": "0",
               "taxAmount": "60.00",
               "taxCurrency": "USD",
               "taxableAmount": "1000.00",
               "taxableCurrency": "USD",
               "abatementPercent": "100.00",
               "category": "CU",
               "accountInstruction": "ZZZ",
               "taxAuthority": "PA - STATE SALES/USE TAX",
```


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```
            "isDeductible": false,
            "citation": "Consumer's Use Tax",
            "isBuyerPayableTax": false,
            "buyerTaxRegistrationNumber": null,
            "sellerTaxRegistrationNumber": null
          }
        ]
      }
  ]
}
```


Tax Response with Ariba Tax Types

The default tax response for ONESOURCE Global Tax for Ariba Central Invoice Management Solutions integrated with ONESOURCE v1.0.0.0 is the summarized tax type as the granular taxes are not supported on MVP1.

For easy understanding, this feature is presented here with two use cases: US-SalesTax and international VAT like taxes.

Use Case 1: Ariba out of box tax type SalesTax/SUTTax on Ariba tax response

Suppliers/Vendors in U.S. usually choose out of the box summarized tax type “SalesTax” to charge U.S. Sales and Use Tax instead of granular tax authority types like State Sales/Use and City Sales/Use tax. With Integration version 1.0.0.0, tax response will contain these summarized tax types including type “SalesTax”/ “SUTTax” (under ExternalTaxType on response xml) instead of Determination Authority type.

The Ariba tax type may vary based on ERP system connected to Ariba Central Invoice Management system.

For this use case, Integration will contain same Ariba tax type that is seen on SAP calculation request irrespective of SAP ERP system and corresponding tax type, tax response will have matching summarized Ariba out of the box tax type.

Illustration:

1. If tax calculation request from Ariba Central Invoice Management has “SalesTax” (Ariba tax for Vendor tax), response from Integration will have “SalesTax” as ExternalTaxType.
2. If tax calculation request from Ariba Central Invoice Management has “SUTTax” (Ariba tax type for Vendor tax), response from Integration will have “SUTTax” as ExternalTaxTye.

Use Case 2: Ariba out of the box tax type VAT for Determination Country specific Tax Authority types (TVA, IVA, MWST)

Ariba standard tax type for VAT is and it is used for most of the VAT or VAT like tax regimes. But Determination has country specific authority types like MWST for Switzerland, IVA for Mexico, TVA for France. The TCQ feature enables users to align the expected tax codes with the country specific codes instead of using the default determination feature.

Illustration:

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- For France Domestic transaction, on tax calculation response, Integration will send “TVA” (Determination tax authority) as ExternalTaxType by default.
- But if User configures out of the box Ariba Tax Types on Determination Tax Code Qualifier (on FR ERP Tax Codes) with SAP tax type “VAT,” Integration will send “VAT” as ExternalTaxType.

NOTE: Ariba tax types configured on ERP Tax Codes in Determination Tax Code Qualifier will take precedence over the standard Determination authority tax types when populating ExternalTaxType. The default tax type mapping for Ariba Central Invoice Management solution is the Tax Code Qualifier tax type mapping. See the Tax Type mapping section for more details

Direct Pay Permit

Some Businesses (usually Manufacturing entities) may obtain Direct Pay Permit from State/Local tax authorities to self-assess, accrue, and remit Use tax on Purchases instead of paying Sales tax to Suppliers/Vendors.

Ariba Central Invoice Management Cloud Buying integration with ONESOURCE IDT tax solution supports the Direct Pay Permit.

Process

1. Integration user configures Direct Pay Permit using Determination Exemption Certificate feature.
2. Ariba Integration sets **“IsBuyerPayableTax”** flag as “true” on Ariba Tax Response when purchase transaction scenario contains Organization Unit/Company Code and Tax Authority combination which are maintained in Determination Exemption Certificate configuration.
3. Ariba Central Invoice Management system raises an Invoice exception on the line items where Vendor charges sales tax, but Integration identifies the location and tax authority as Direct Pay Permit locations and therefore should be vendor tax exempt.
4. Ariba Central Invoice Management system Buyer user (who is part of exception handling process chain) may dispute Invoice Amount so that zero tax amount is paid to Vendor (Payable to vendor does not contain vendor charged tax).
5. Buyer Organization accrues the consumer use tax and remits the tax to appropriate tax authorities directly.

Required Configuration

1. Configure Direct Pay Permit location(s) and Tax Authorities in Determination using Exemption Certificate Functionality.

   For a specific Determination Company:

   a. Create new Customer with the same name as the Determination Company
   b. Create Customer Number equal to the External Company ID associated with that Company for which Direct Pay Permit is being configured.
   c. Create an exemption certificate for new customers with the following attributes:

FIELD	VALUE
Number	Permit Number
Valid From	(Today’s Date)
Active	(Checked)
Status	Approved
Exempt Reason	Direct Pay Permit
Applied To	Choose the appropriate State

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d. Create exemption reasons with the following values:

FIELD	VALUE
Long Code	Direct Pay Permit
Short Code	DP
Description	Direct Pay Permit

NOTE: Do not check the Fully Exempt Box. Determination does not exempt any percentage of amount from calculated tax amount. Certificate functionality is used to identify a transaction with Direct Pay locations. The Determination response (LINE.TAX.EXEMPT_REASON) will

show Direct Pay as exempt reason based on which Integration would flag IsBuyerPayableTax as true.

NOTE: Please refer to Determination Exemption Certificate help topic in ONESOURCE determination configuration guide for more information.

Other product features

The other supported features on ONESOURCE include Recoverable/Non-recoverable, Reverse Charge and allocations. These features require appropriate configurations on the ONESOURCE tax engine to facilitate the calculation of taxes and generation of appropriate tax responses. Please refer to the ONESOURCE indirect tax help menu https://www.thomsonreuters.com/en-us/help/onesource-indirect-tax/determination for step by step guide required to enable these features for Ariba Central Invoice Management integrated tax solution.

Error Handling

Errors may occur during tax calculation process in ONESOURCE Global Tax for Ariba Central Invoice Management solutions for any reasons like missing master data or configuration. In case of multiple errors, ONESOURCE Global Tax will return the error with higher severity to Ariba Central Invoice Management solution.

ONESOURCE Global Tax for SAP Ariba Central Invoice Management solution v1.0.0.0, provides access to transaction logs through the ONESOURCE User Interface. The transaction logs (Tax calculation requests from Ariba Central Invoice Management system in json files to ONESOURCE Determination. ONESOURCE response from Determination in xml which is converted to json before sending the response to, response to Ariba Central Invoice Management) in xml format. These logs can be utilized as part of troubleshooting.

To learn about how logs can be configured and accessed, please see refer Transaction Logging and Log enablement sections.

Customers can refer to Support Protocol mentioned in this document for help on troubleshooting and resolution of the errors.

Configuration Set Up-ONESOURCE Global Tax for Ariba Central Invoice Management

SAP Integration Suite CPI configuration

To deploy the SAP integration suite as a middleware, please follow the steps below:

1. Download CPI package after subscription to ONESOURCE CIM BTP App and tax engine services!
2. Import i-flow package provided by TR, which contains the i-flow object for this integration.

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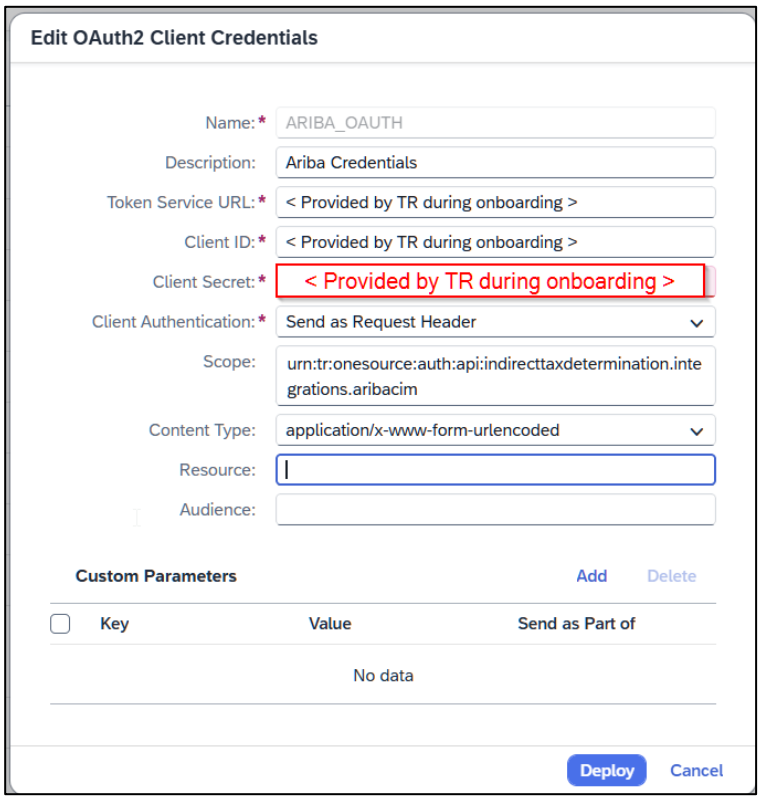
3. Create security material.
4. Maintain Scope as : urn:tr:onesource:auth:api:indirecttaxdetermination.integrations.aribacim
5. Configure Client Secret: < Provided by TR during onboarding >
6. Configure Client ID : < Provided by TR during onboarding >
7. Token Service URL: < Provided by TR during onboarding >
8. Maintain Description: Ariba Credentials



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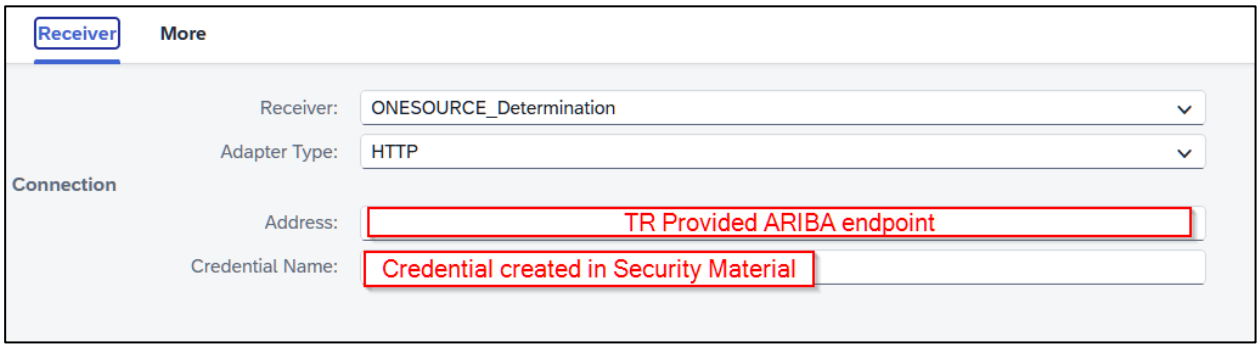
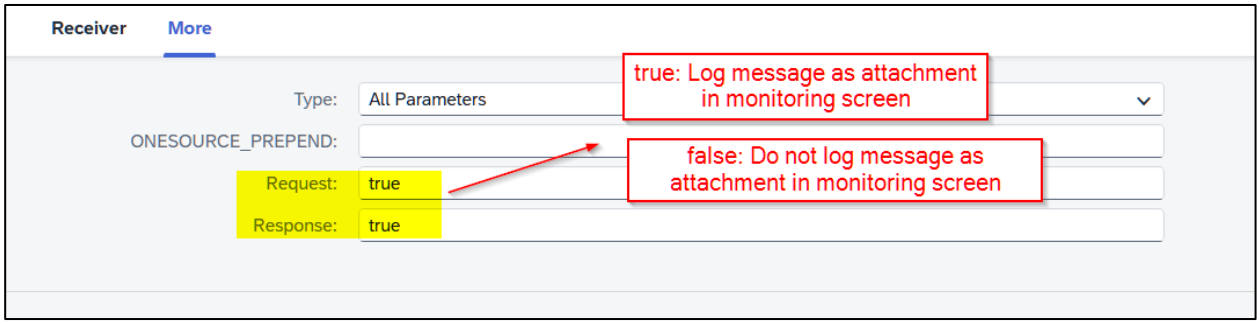
- Configure i-flow object.

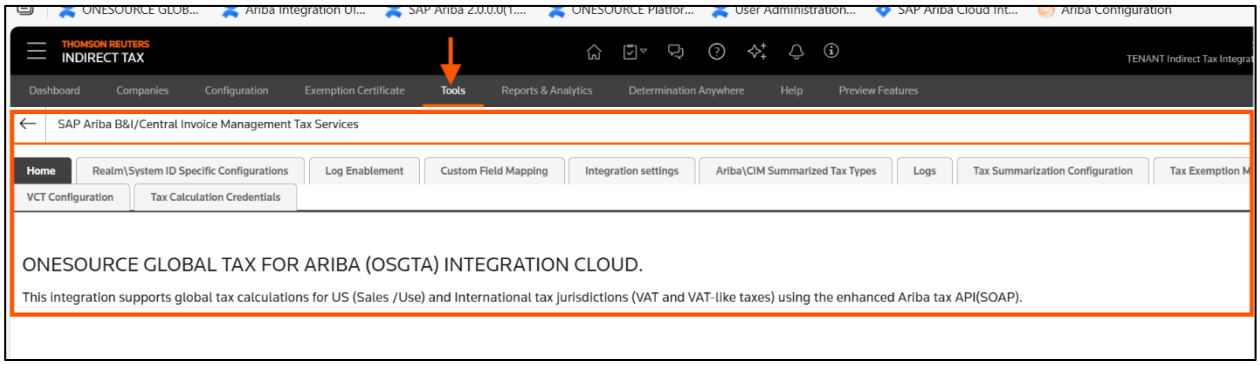




- Deploy i-flow.

Integration User Interface

The ONESOURCE common User Interface offers screens to configure the ONESOURCE Global Tax for Ariba Central Invoice Management solution v1.0.0.0 enterprise cloud (Integration). Integration UI will have Application Menu which consist of sub menu items giving access to set up and configuration screens.



Integration UI does offer Integration Roles for administration, configuration, and view only access to UI screens.

INTEGRATION ROLE	DESCRIPTION
Integrations Admin	Allows User to: • configure Health Check History settings, • Tax Block negation table and • view configuration and logs.
Integrations Configurator	Allows User to: • map Ariba Realm to External Company Prepend, • enable XMLs Log for transactions,

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INTEGRATION ROLE	DESCRIPTION
	• configure Tax Summarization, • configure custom field mapping, • view Administration settings and logs.
Integrations User	Allows User to • view Administration settings, • view Configuration parameters and search logs.

Pre-requisites

System And User Account Pre-requisites

INTEGRATION DEPLOYMENT MODEL	DESCRIPTION
Single tenant Hosted	• Determination User Accounts assigned with required Integration Roles • Access to ONESOURCE Global Tax for Ariba Central Invoice Tax engine and Integration UI
IDT 2020 Cloud	• Determination User Accounts assigned with required Integration Roles • Access to ONESOURCE Global Tax for Ariba Central Invoice Tax engine and Integration UI
Deploy CPI App	• Active BTP Integration Suite customer subscription • Deploy the i-flows in customer integration suite • Configure integration credentials generated by ONESOURCE received from TR-PS or Technical Support team.

Authentication

User Authentication is managed via ONESOURCE Determination, so you will need the log on credentials set up in the ONESOURCE Determination. This credential will be created by the PS team and shared with customers as part of the onboarding process.

Global Tax for Ariba Central Invoice Management Solutions Integration UI, username and tenant will be displayed on the top right-hand corner of each page.

Authorization

Users' authorization to configure Integration for their ERP Companies depends on the Companies that are assigned to User account in the ONESOURCE Determination.

Authorization of Integration UI screens depends on the Integration Roles that are assigned to the User in the ONESOURCE Determination.

Integration UI Role Matrix

The below matrix shows roles and authorization type that each role would provide for a UI Screen and Configuration options.

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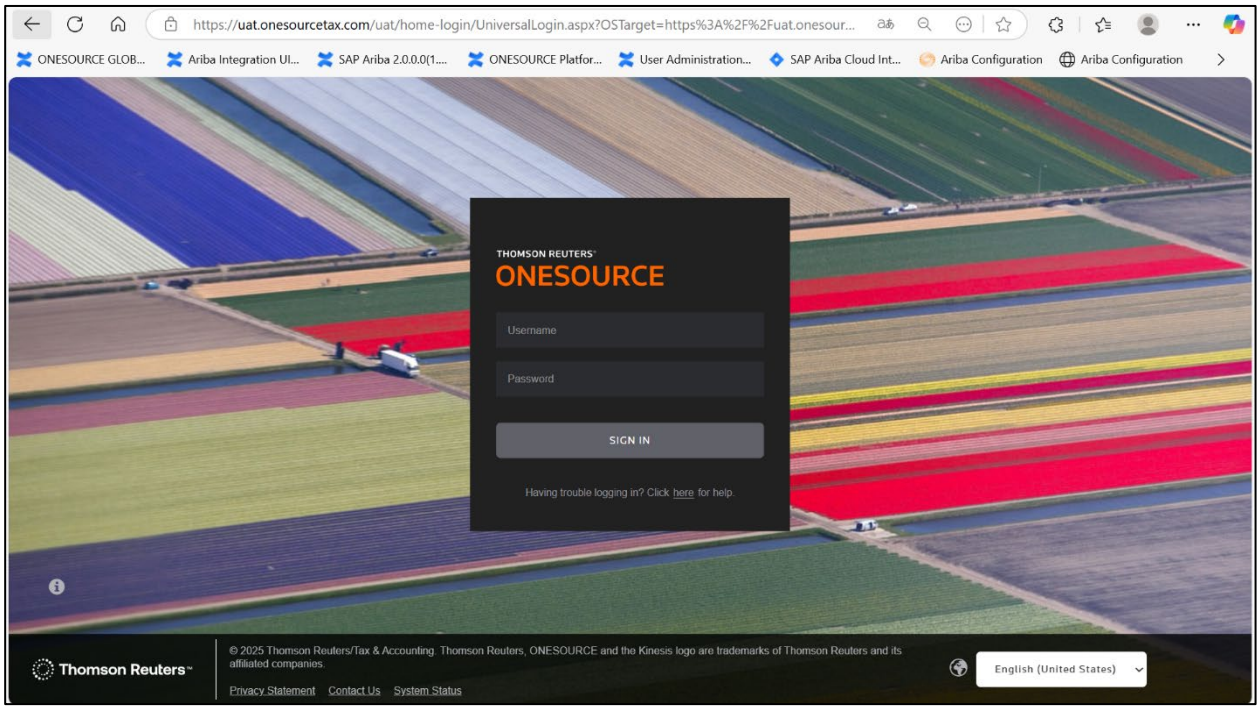
INTEGRATION UI PARAMETERS	INTEGRATION ADMIN ROLE	INTEGRATION CONFIGURATOR ROLE	INTEGRATION USER ROLE
Ariba Realm Specific Configurations	Read	Create, Read, Update, Delete	Read
Ariba Integration Settings	Create, Read, Update, Delete	Read	Read
Custom Field Mapping	Read	Create, Read, Update, Delete	Read
XMLs Log Enablement	Read	Create, Read, Update, Delete	Read
Tax Summarization	Read	Create, Read, Update, Delete	Read
Logs	Read	Read	Read

Integration UI log-in and Basic Navigation

This chapter explains the log in and general navigation for Integration UI.

1. Open Internet web browser of your choice (supported versions are mentioned under topic Integration User interface).
2. Log in to OneSource IDT URL with User Credentials.
   https://uat.onesourcetax.com If Environment is UAT.
   https://onesourcetax.com If Environment is PROD.



3. Click on Indirect Tax Application

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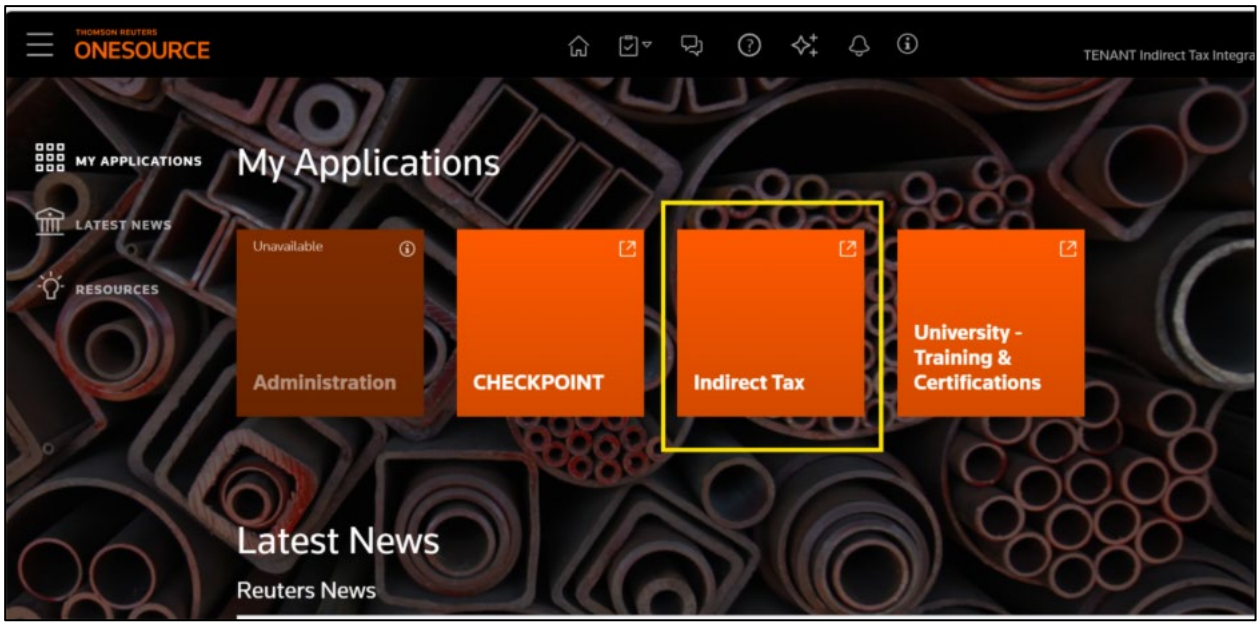
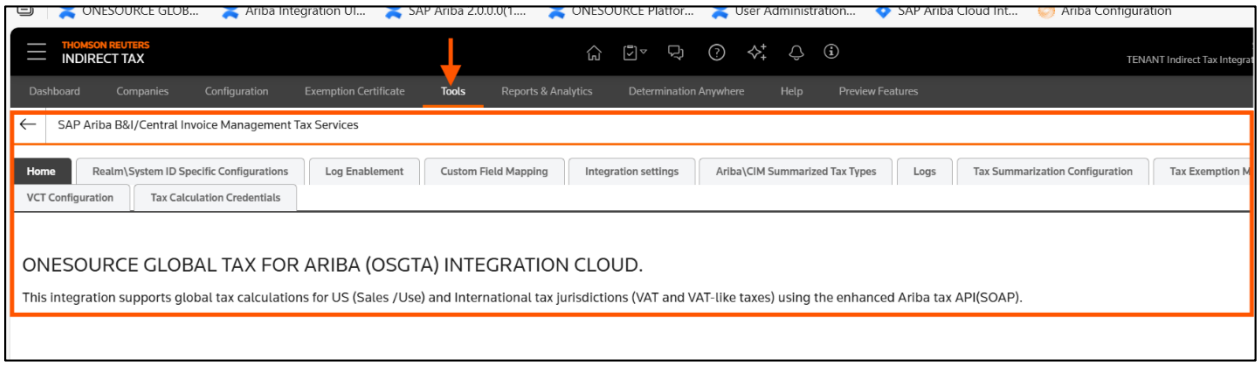


4. Click on Tools integration Global Tax for SAP Ariba to see SAP Ariba B&I/Central Invoice Management Tax Services

Here are the essential elements you would see on the home screen.



NOTE: The application menu is same across all the UI Screens and can be navigated from one UI screen to another UI Screen. The access to UI screens is determined based on your Integration Roles that are assigned to Determination User Account. The companies for which you can configure or set up Integration depend on the companies that you have access to with your Determination User Account.

This section covers the UI Screen fields, navigation steps for configuring the ONESOURCE Global Tax for Ariba Central Invoice Management Solutions (also mentioned as Integration in this document for easy reference)

NOTE: The features and most of the steps would be same for both Cloud and OP Users.

Ariba Realm/System ID Specific Configuration

Ariba Realm/System ID Specific Configurations UI Screen allows you to configure mapping between Ariba Realm/System ID and External Company Prepend.

Ariba Central Invoice Management Realm:

This is the unique systems ID of Customer's Ariba Central Invoice Management Buying Solution.

External Company Prepend:

The prepend allows to make an Ariba business unit (SAP Company Code) unique across multiple systems that might share the same company code structures. ONESOURCE Determination requires that

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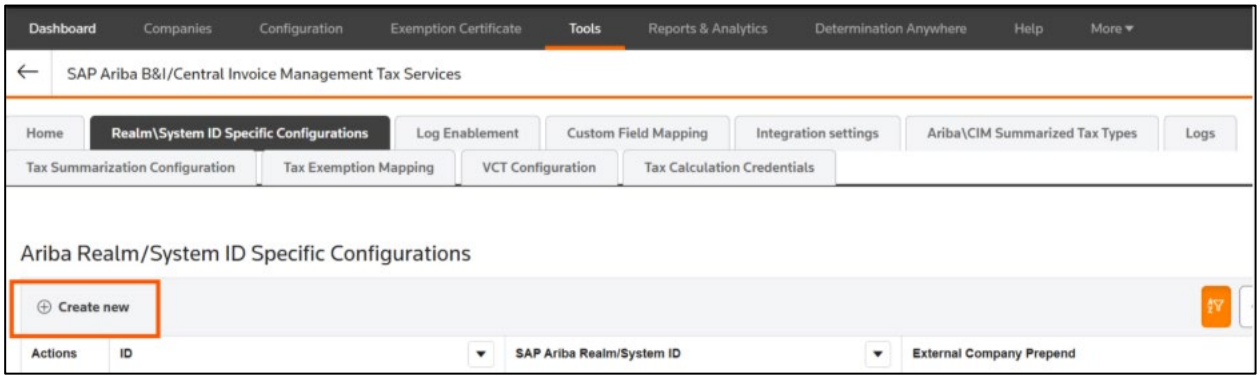
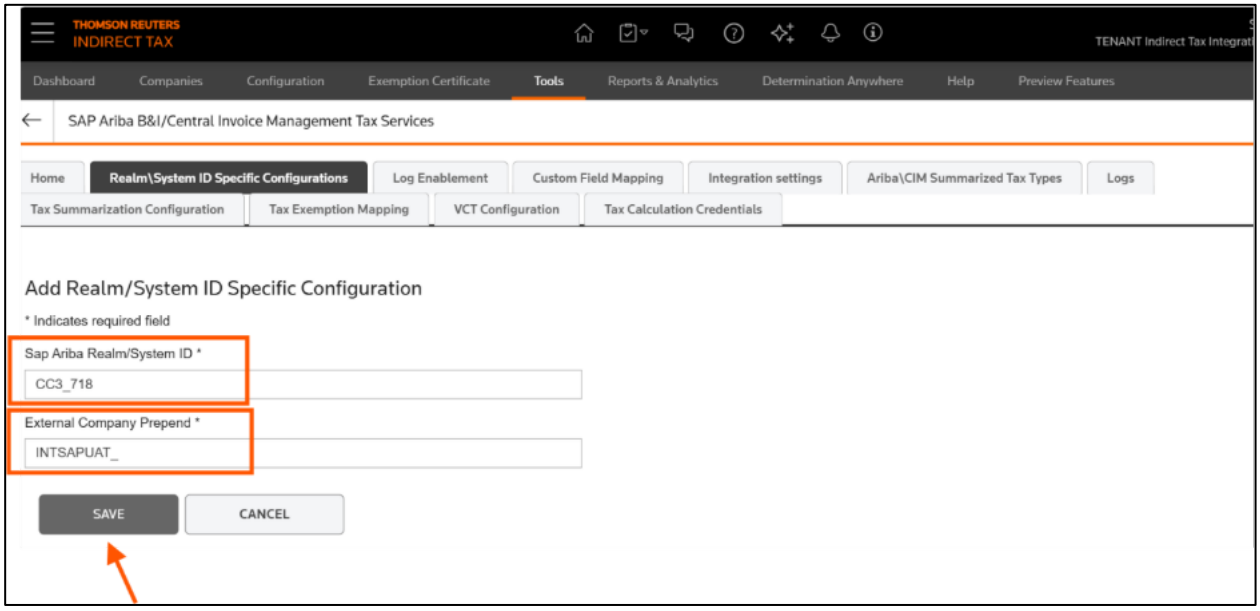
the External Company ID is unique for each business. For example, in the case of an acquisition where the newly acquired business has the same company code, e.g. 1000, but you have already used company code 1000 for prior business in Determination, you can use the prepend to make the second business company codes unique. The prepend will be added in front of the Ariba provided business unit code. Multiple Ariba Realms can be associated with same Determination External Company Prepend.

The use of a pre-pend is required for Thomson Reuters managed Cloud deployments, Thomson Reuters Professional Services will provide the value. For on-premises deployments the value is optional, if not set the business unit from Ariba will be sent as is. (The realm still must be mapped, just leave the prepend blank).

1. Click on 'Create New' button to add new entries.



2. You will be navigated to Add Realm/System ID Specific Configuration screen. Enter Ariba realm/System ID and External Company Prepend values in the input fields as shown in the screenshot



NOTE: For Cloud users Ariba Central Invoice Management Realm and External Company Prepend are required fields. But for on-premise the prepend is not required.

3. Click on SAVE button to save the configuration. You will be promoted with a pop-up box(Are you sure you want to save the changes?) to confirm the action.

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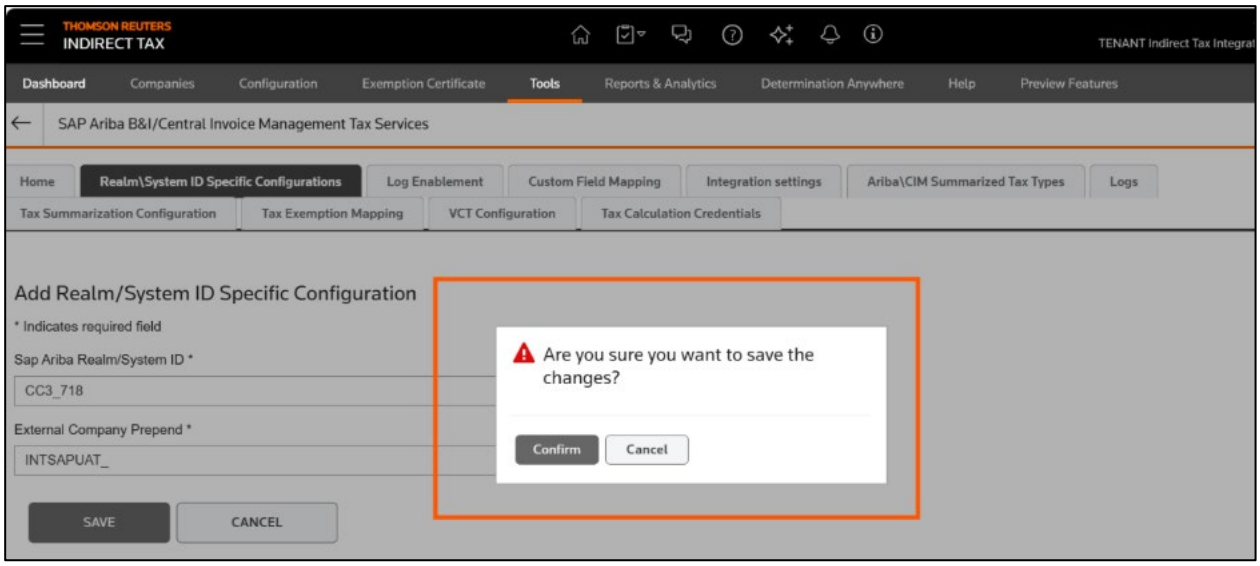
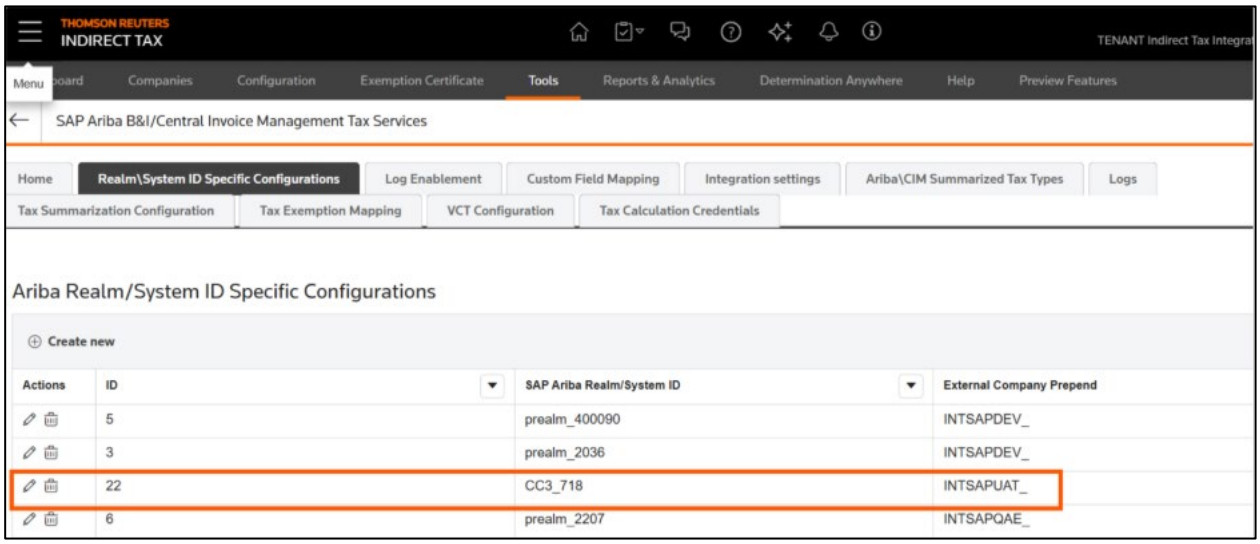


4. Click on 'Confirm' button if you would like to continue (otherwise click on Cancel button).
5. When you click on Confirm, configuration is saved, and you would be navigated to Ariba Realm/System ID Specific Configurations main screen where display grid shows the new entry.



Edit SAP System ID Specific Configuration

To make changes to an existing configuration, please follow the steps below.

1. On ONESOURCE IDT Home Screen, go to Tools->Integration->Global Tax for SAP Ariba >Realm ID/System ID Specific Configurations.
2. Click on Realm\System ID Specific Configurations option.
3. Select the Pencil icon on the row in the display grid for which you would like to make changes.

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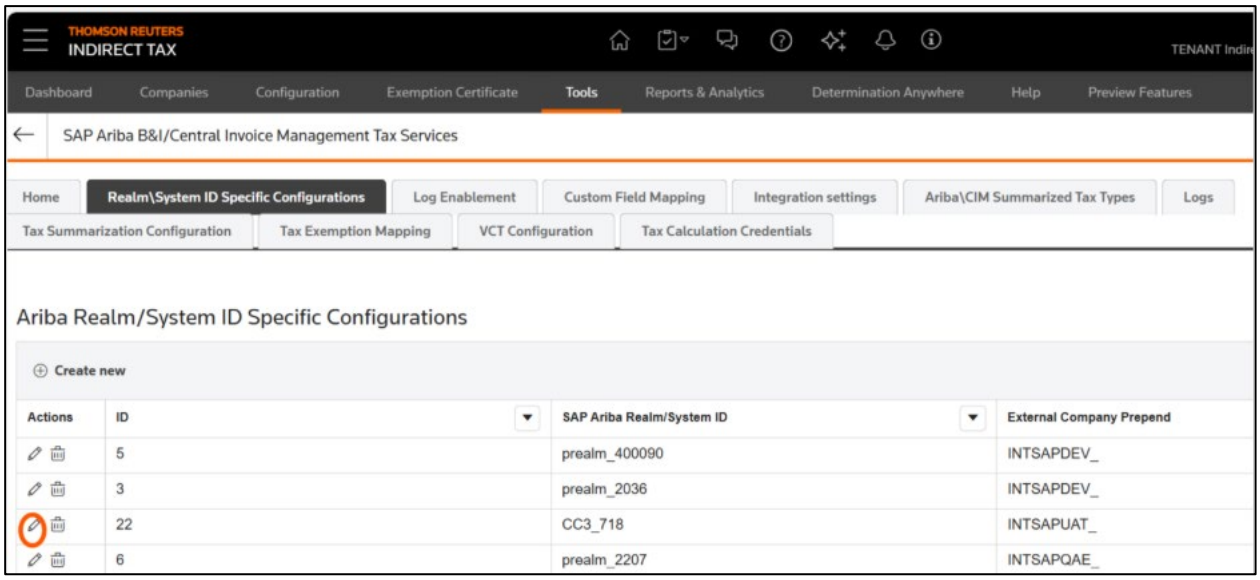
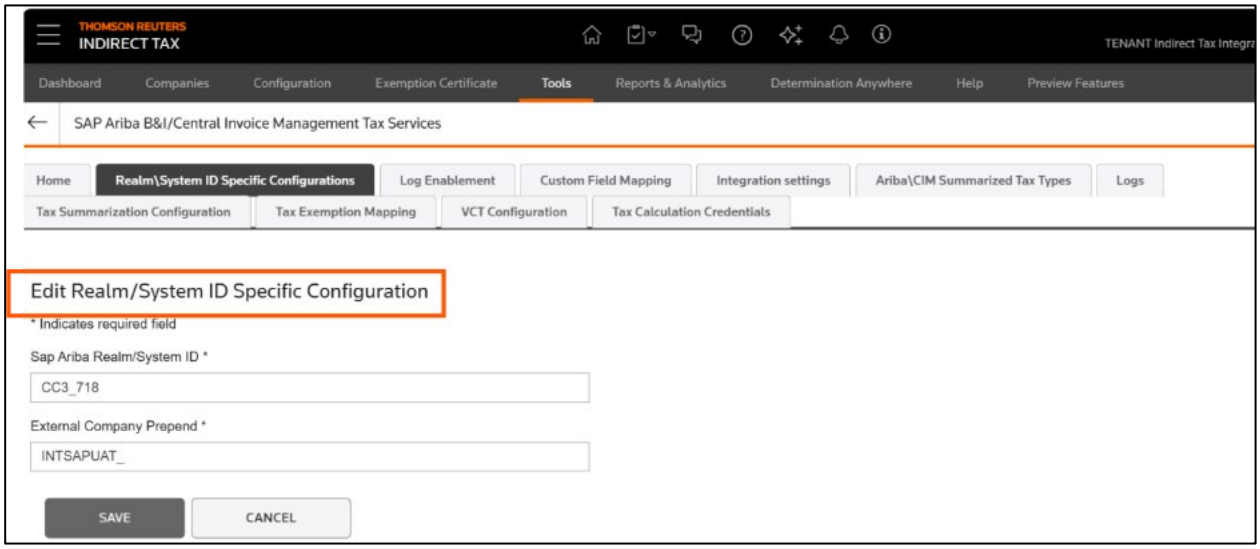


4. You would be navigated to Edit Realm/System ID Specific Configurations screen. Ariba Realm? and External Company Prepend fields are shown in editable mode.



5. You can make changes to Ariba Central Invoice Management Realm and External Company Prepend.

NOTE: Please note that by changing Ariba Central Invoice Management Realm, you will be replacing the existing value with the new one. And so, consider dependencies like Custom field mapping and XMLs log enablement if any.

6. Click on SAVE button to make changes saved to database. Pop up for prompt shows up and click on Confirm button to continue make changes (otherwise click on Cancel button).

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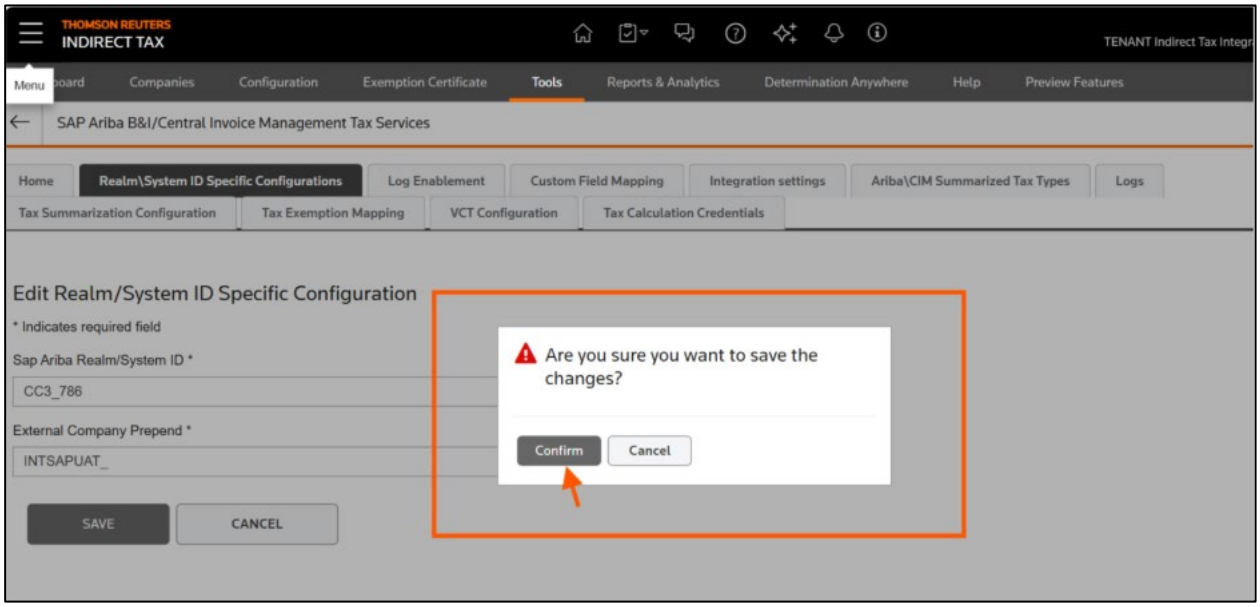
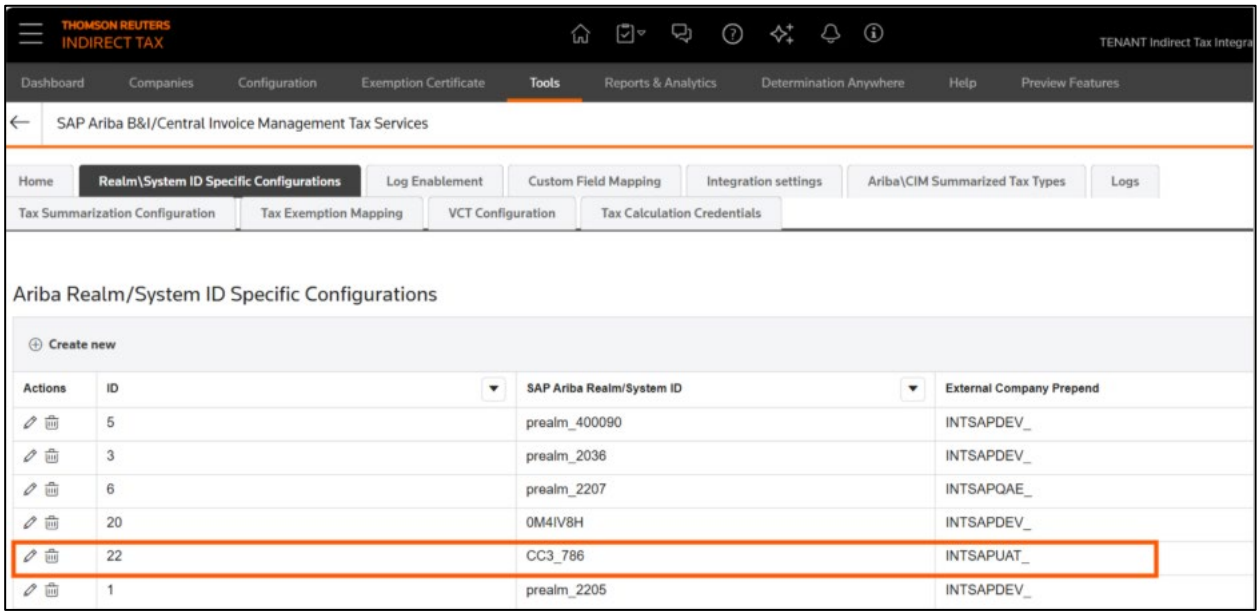


7. If you click on Confirm, changes are made and the display grid on the Ariba Realm/System ID Specific Configurations main screen would show the updated values for selected entries.



Delete SAP SYSTEM ID Specific Configuration

NOTE: When you delete an existing Ariba Realm/System ID Specific Configuration, please consider associated dependencies like Custom field mapping, External Company Prepend, XMLs log enablement as deleting an existing realm would lead to deleting all the associated configurations.

To delete an existing Ariba Realm/system ID Specific Configuration, please follow the following steps:

1. On Home Screen, go to Tools->Integration->Global Tax for SAP Ariba >Realm ID/System ID Specific Configurations.
2. Click on the delete icon on the row in the display grid which you would like to delete.

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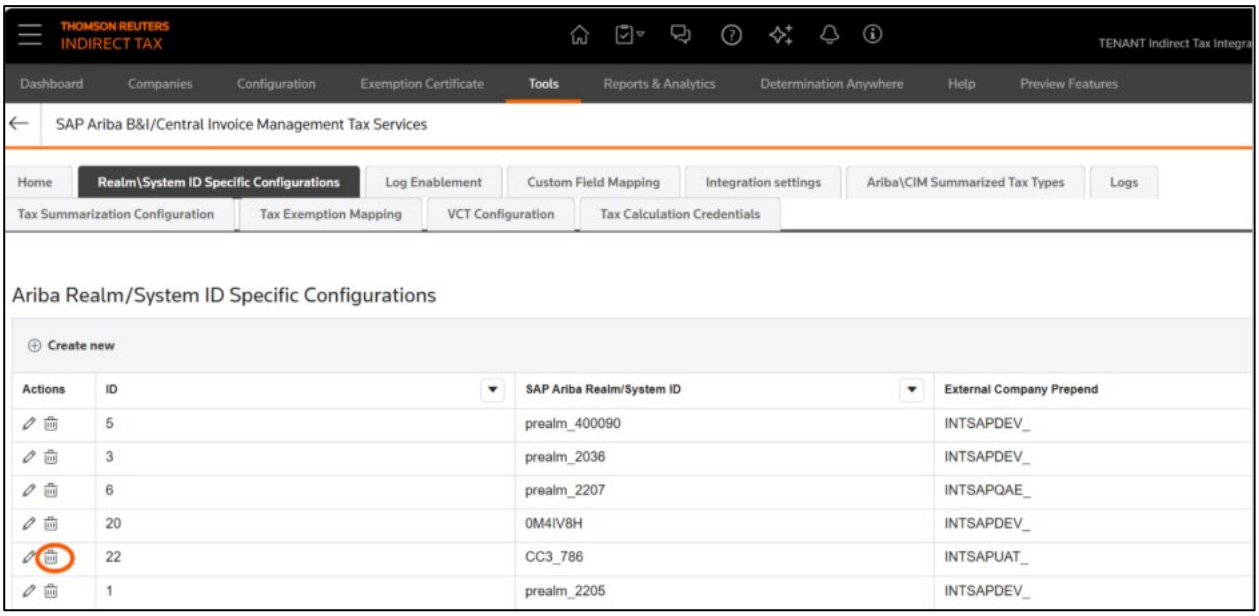
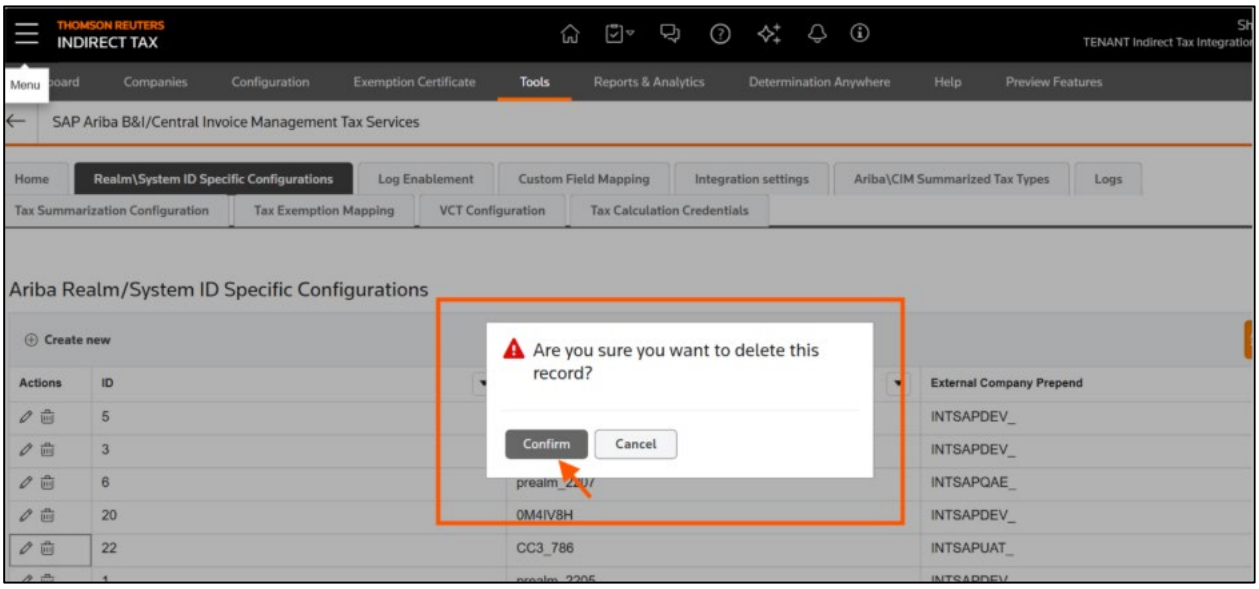


3. You would be prompted to confirm the decision through pop up window. To continue click on Confirm button and otherwise click on Cancel button.



4. Display grid on the Realm\System ID Specific Configurations would get updated (it would not show the deleted entry).

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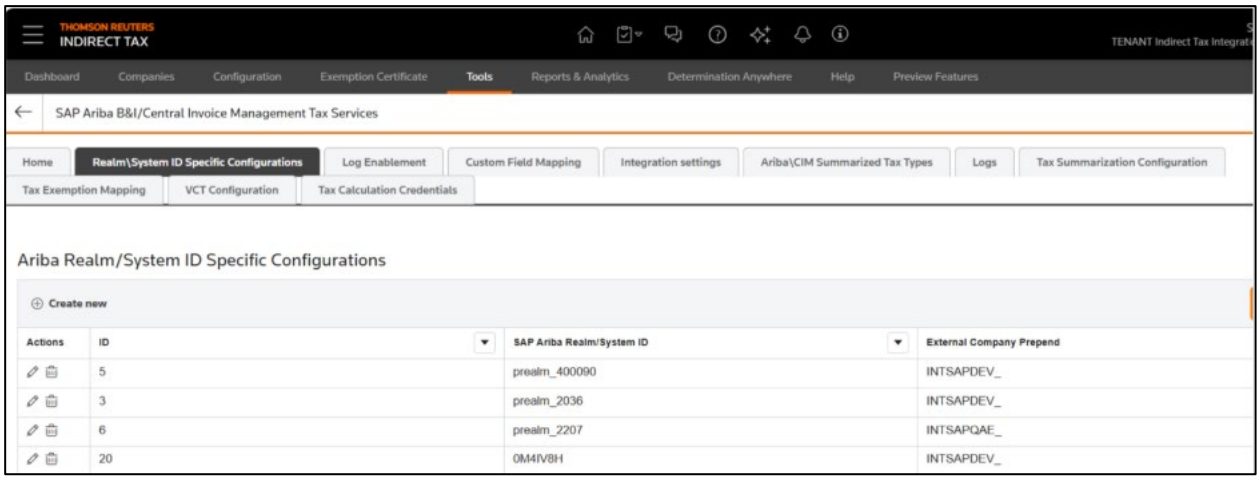

Tax Code Qualifier Based Ariba Tax Type Mapping

Functionality

ONESOURCE Determination uses Authority types (tax authorities which charge tax for a purchase or sales transaction) whereas Ariba Central Invoice Management uses Tax Types to represent tax authorities. Thomson Reuters ONESOURCE provides Tax Type and Tax Type Map data files based on authority types.

As part of the tax response, ONESOURCE Global Tax for Ariba Central solution may return either Determination Authority Types in the Ariba tax response, or The Tax Authority type based on configurations. For the classical Ariba solution Central Invoice Management matches the authority types with the tax types on the Vendor's Invoice. But given the scope of Ariba Central Invoice Management Buying Solutions (use of various channels that Vendor Invoices are submitted through), current tax type mapping is restricted to summarized tax types only.

The Tax Code qualifier based Ariba Tax Type mapping feature in ONESOURCE Global Tax for Ariba Central Invoice Management Solutions therefore allows flexible mapping of Ariba Tax Types to ONESOURCE Determination Authority types. This mapping allows the Ariba tax response to have tax types as defined and found in Ariba Central Invoice Management Buying Solutions.

- Integration users will maintain required Ariba Central Invoice Management Types on ONESOURCE Determination Tax Code Qualifiers and activate the feature in the ONESOURCE Global Tax for Ariba Central Invoice Management Solutions.
- During Transaction processing, Integration will map Ariba tax types from Tax Code Qualifiers to Determination Authority types so that the Ariba tax response from ONESOURCE contains tax types as expected in the Ariba Central Invoice Management Buying Solution.

Ariba Tax types are of summarized i.e., not granular (example: "sales") whereas ONESOURCE Determination Authority Types are granular (State Sales/Use tax, City Sales/Use tax etc.). So, when the Tax Code Qualifier based Ariba Tax Type mapping feature is configured, Integration would summarize Determination result per unique Ariba Tax Type, making the Ariba tax response acceptable in Ariba Central Invoice Management Buying solution with unique tax types.

- If you are using Ariba Integration and have the ONESOURCE Global Tax for SAP version 6.1 and above, then it is likely that Tax Code Qualifiers are already configured for the SAP Integration in your Determination instance. In that situation you will be adding the Ariba Tax type designation as part of your current TCQ configurations.
- If you do not have the ONESOURCE Global Tax for SAP, then you will likely need to create the TCQ configuration a new and populate the results for the ERP_TAX_CODE field based solely on the Tax Type designation needed for the Ariba Integration.
- Please refer to the Determination documentation and help guide the Tax Code Qualifiers' configuration if you need further assistance setting up the proper TCQ conditions and other steps.

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NOTE: Below example scenarios below are based on assumption that TCQ configuration in Determination is already maintained.

Sample Scenarios

Customers can map Ariba Tax Types on Determination Tax Code Qualifiers as required to reduce tax type mismatch exceptions and tax code calculation errors in Ariba Central Invoice Management Buying Solutions.

Here are some of the possible sample scenarios listed for illustration purposes.

For examples shown in the table shown below the first 6 characters represent the two-digit tax code, a hyphen, followed by the three-digit account assignment key that is required for the ONESOURCE Global Tax for SAP. The following [ATT] encapsulated designator is the portion required for the Ariba Tax Type mapping. Together they represent the field that will be returned by Determination as the ERP_TAX_CODE field in the XML response from Determination. If you do not have Integration for SAP (Global Next), then the first seven characters will not be required.

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ARIBA TAX TYPE MAINTAINED ON THE ERP TAX CODE MAPPING	DETERMINATION AUTHORITY TYPE RETURNED DURING CALCULATION	ARIBA TAX RESPONSE
USCA_S vendor charged to expense account V1-NVV-[ATT]SalesTax[ATT]	Document Line1: State Sales/Use Tax City Sales/Use Tax	Summarized tax with Ariba Tax Type "SalesTax"
GB_ReverseCharge_I V4-ESE-[ATT]VATTax[ATT] GB_ReverseCharge_O V4-ESA-[ATT]VATTax[ATT]	Document Line1: VAT_1 VAT_2	Summarized tax with Ariba Tax Type "VAT"
GB_ReverseCharge_I V4-ESE-[ATT]VAT_1[ATT] GB_ReverseCharge_O V4-ESA-[ATT]VAT_2[ATT]	Document Line1: VAT_1 VAT_2	No summarization, Input and Output tax blocks with Ariba tax types "VAT_1" on first tax block and "VAT_2" on second tax block
MX_B_DP_StandardRate V1-VST-[ATT]VAT[ATT]	IVA_1	No summarization with Ariba tax type “VAT”
CH_B_StandardVAT V1-VST-[ATT]VAT[ATT]	MWST	No summarization with Ariba tax type “VAT”
FR_B_StandardVAT V1-VST-[ATT]VAT[ATT]	TVA_1	No summarization with Ariba tax type “VAT”

NOTE: The Determination TCQ based Ariba Tax Types allows flexible tax type mapping.

Please ensure that you are maintaining Ariba tax types on TCQ ERP Tax Codes that are valid. and expected on the Ariba tax response from Integration.

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Configuration

Maintain Ariba Tax Types using ONESOURCE Determination Tax Code Qualifier

The Tax Code in each applicable Tax Code Qualifier needs to be updated with the required and appropriate Ariba Central Invoice Management Tax Type.

NOTE: The Ariba Tax Type that is being maintained on Tax Code Qualifier should be a valid tax type in Ariba Central Invoice Management Buying Solutions.

Example:

- You have “sales” as Tax Category on Ariba Central Invoice Management Network and corresponding Tax type.
- TaxLineType in Tax Type mapping data is “SalesTax” in Ariba Central Invoice Management Buying Solution (P2X/Invoice Management).
- When an Invoice from SAP Business Network or SAP system is integrated with Ariba Central Invoice Management, it picks up “SalesTax” as tax type (per your Tax Type Map data “sales” will be mapped to “SalesTax” in standard mapping).
- When ONESOURCE Determination Tax Code Qualifier is maintained with Ariba Central Invoice Management Tax types, make sure to use the tax types defined in Ariba Central Invoice Management P2X/Invoice Management solution.

Steps:

1. Update each applicable Tax Code Qualifier with a valid Ariba Tax Type (both input and output tax code qualifiers in a Determination Company).

2. The Ariba tax type segment format on the Tax Code Qualifier should be as below:

   a) Enclosed within the tagged brackets. ex: [ATT]VAT[ATT],
   b) Added anywhere after the Tax Code and Account Key segment on the Tax Code field of TCQ configuration.
      - XX-YYY-[ATT]VAT[ATT] or
      - XX-YYY-ZZZ-[ATT]VAT[ATT] (ZZZ=custom segment if there is any)

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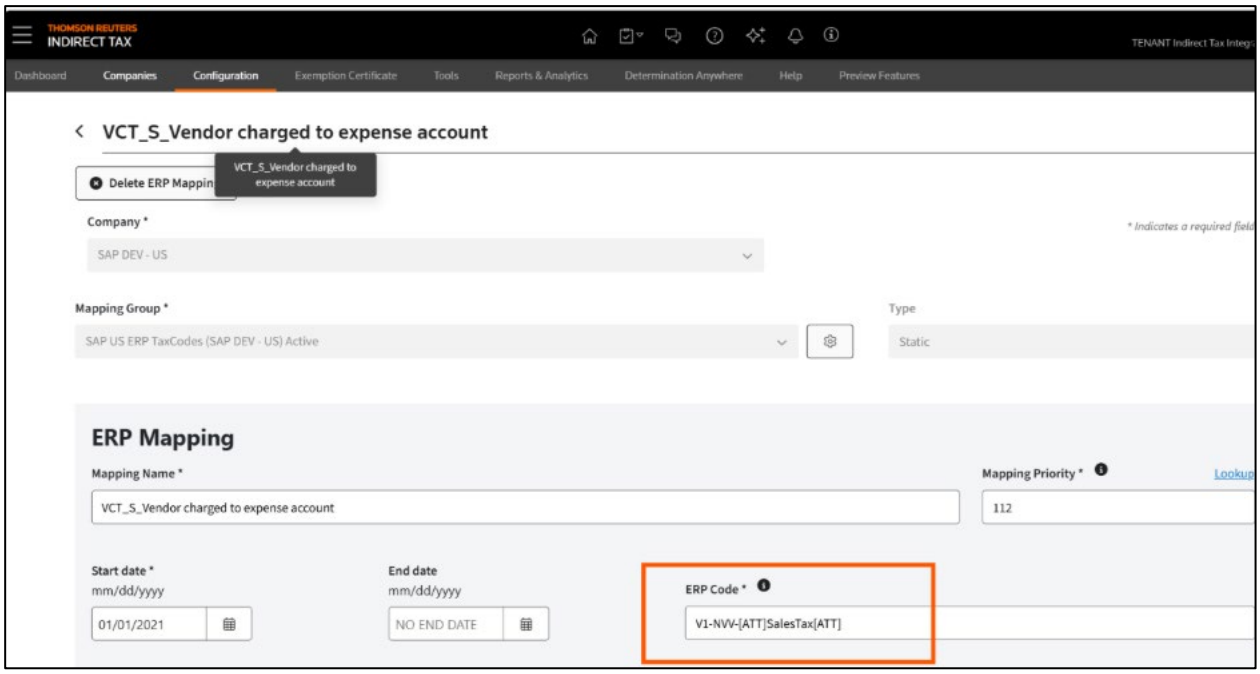
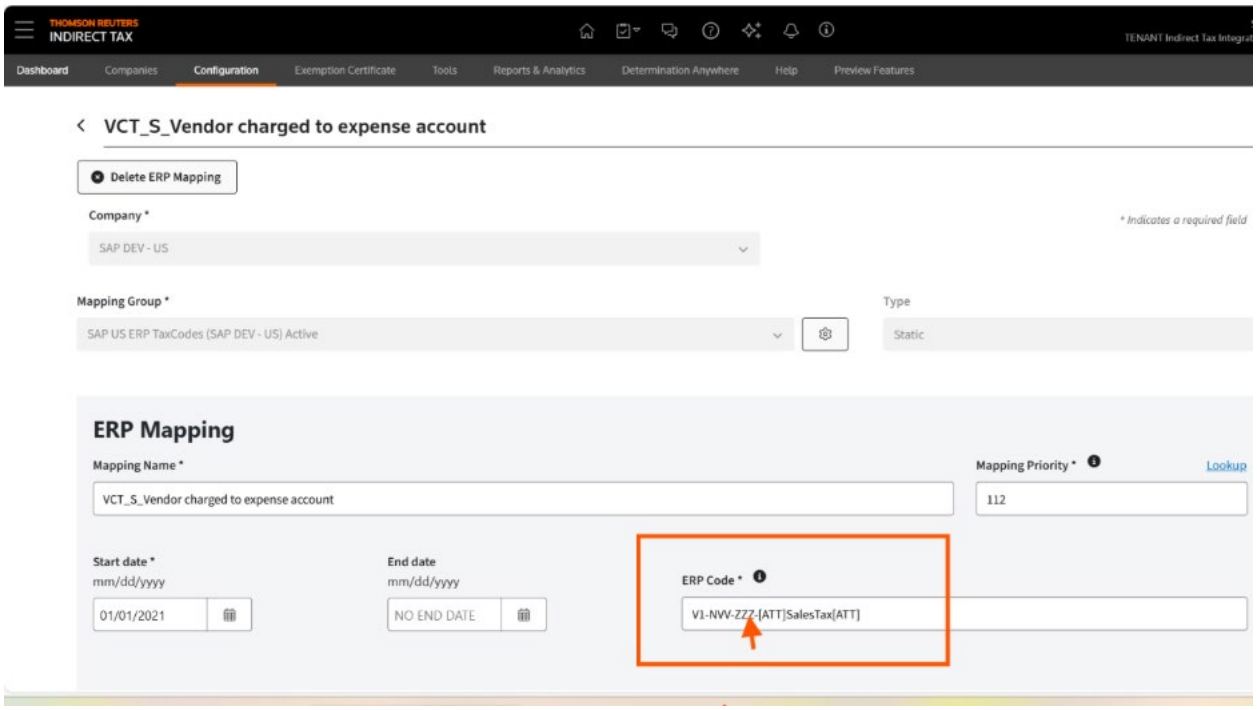


If you have a custom segment after the Tax Account key, Ariba tax type segment can be added after the custom segment:



3. Please make sure that all Tax Code Qualifiers currently present, are updated with the right combination of Ariba Central Invoice Management Tax Type, Country that tax type belongs to, and Determination Company. Here is an illustration of what is valid what is not:

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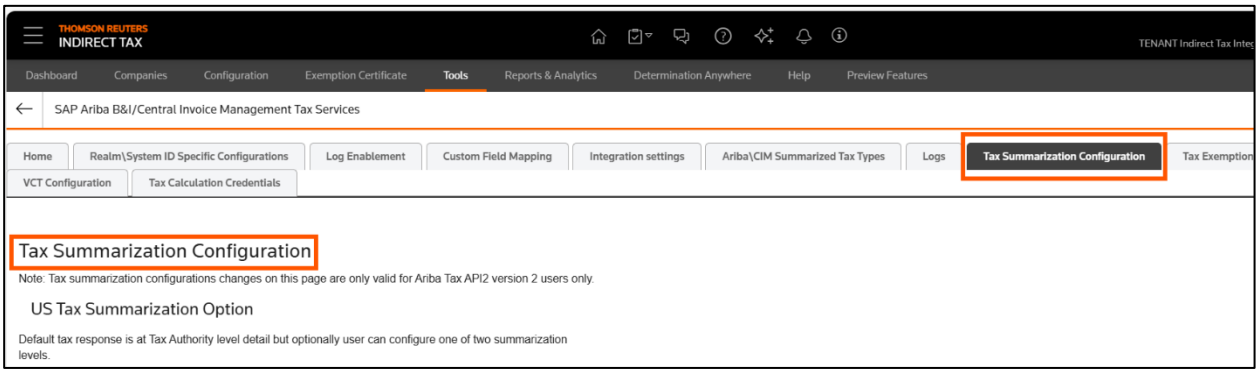
AP ARIBA TAX TYPE	COUNTRY THAT ARIBA TAX TYPE BELONGS TO	EXAMPLE DETERMINATION COMPANY THAT BELONGS TO COUNTRY	IS IT VALID
salestax	US	3000	Yes
sales	GB	2000	No
vat	GB	2000	Yes
vat	DE	1000	Yes
vat	US	3000	No
vat or TVA	FR	2200	Yes
vat or MWST	CH	2700	Yes
gst, hst, qst, pst	CA	4000	Yes

Enable Tax Code Qualifier Based Ariba Tax Type Mapping Feature

Please follow the steps below to enable the Tax Code Qualifier based Ariba Tax Type mapping feature.

1. Log in to Integration.
   - Once logged in, on Home screen navigate to Configuration > Tax Summarization



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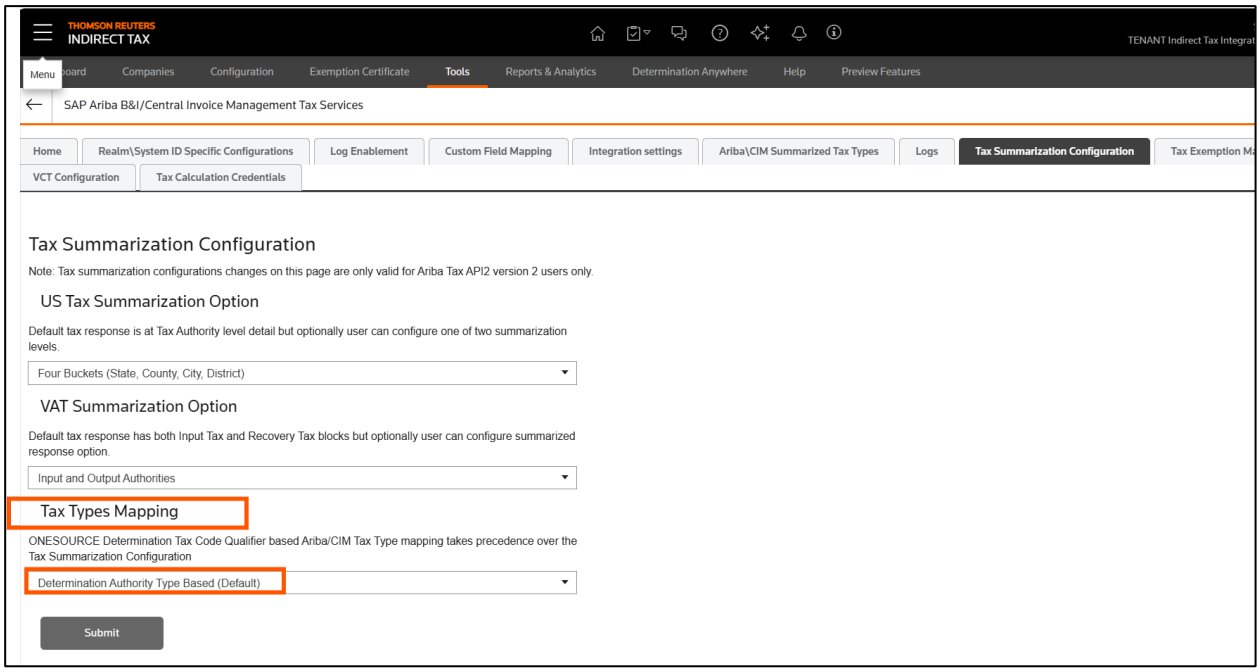
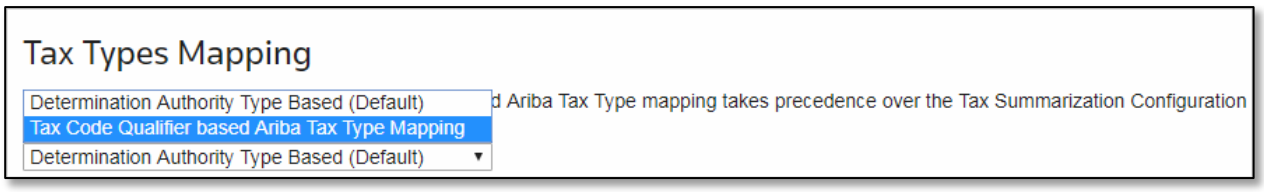
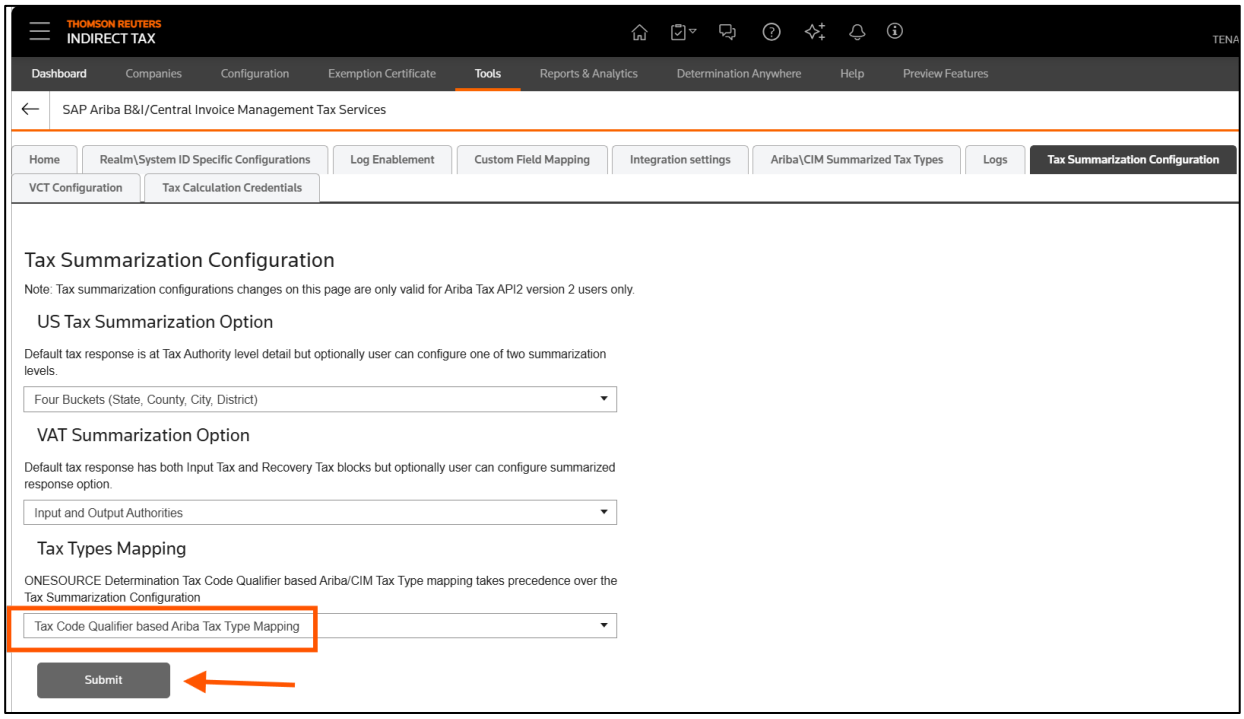




- Go to Tax Type Mapping > Click on drop down menu > Select Tax Code Qualifier based Ariba Tax Type Mapping option.

- You will see a pop-up window prompting to maintain Ariba Tax Types on Determination Tax Code Qualifier.



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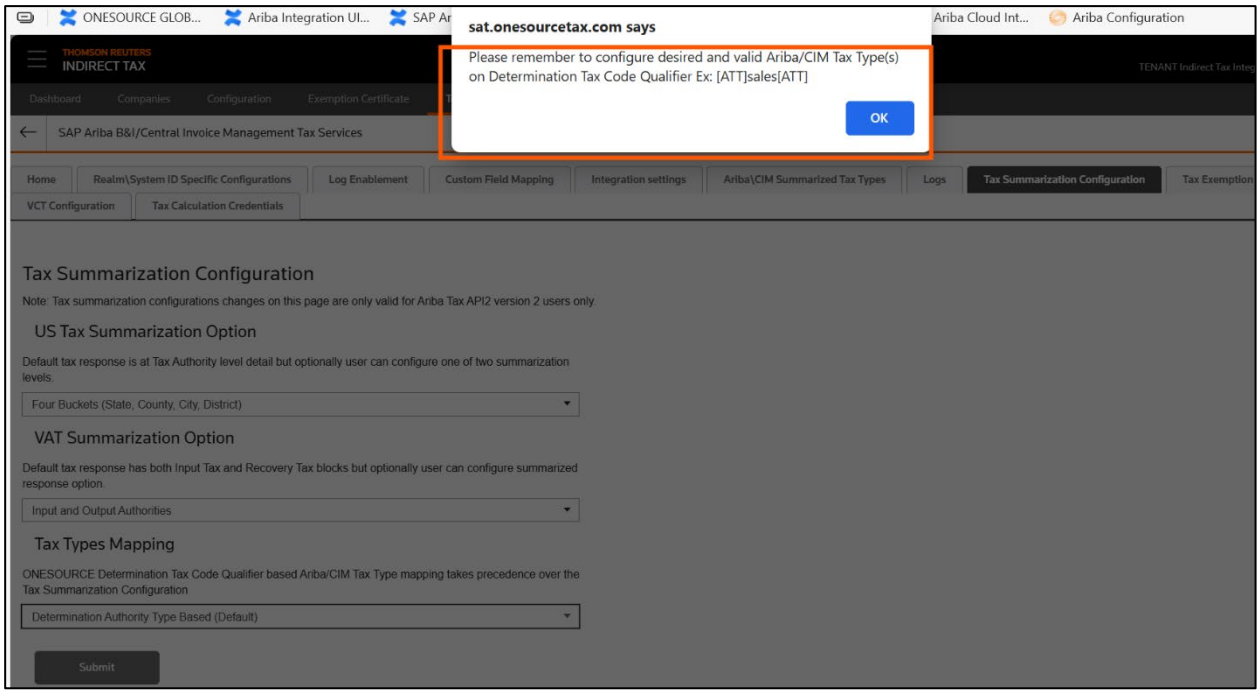

- Click OK and then submit button on pop up window to continue.
- You will see system message that the Are you sure you want to save the changes?
- Click on Submit button to save the changes.

NOTE: Tax Code Qualifier based Ariba Tax Type mapping takes precedence over the Tax Summarization Configuration. If you have configured Tax Summarization option (ex: US Four Buckets Summarization), when Tax Code Qualifier based Ariba Tax Type mapping is. configured, Ariba tax response would be according to Tax Code Qualifier based Ariba Tax Type mapping feature.

Transaction Logging

ONESOURCE Global Tax for Ariba Central Invoice Management Solutions enables Integration users to configure logging at desired levels and access the transactions logs via the Integration UI

To get transactions logged, users will need to enable the XMLs log on to the user interface. Integration allows transaction logging at Ariba Central Invoice Management Realm, Determination Company, and Document Type (Ariba Central Invoice Management PR and IR) levels. Users can enable logs at any desired level. Once logging is enabled, users can search, view, and download transactions logs from Logs functionality on the UI.

All tax transaction requests from Ariba Central Invoice Management will be logged that meet the criteria below:

1. Ariba Central Invoice Management Tax calculation request has valid credentials.
2. Ariba Central Invoice Management Tax calculation request has valid Realm/System ID, Company Code / Organization.
3. Logging is enabled for the realm (Ariba Central Invoice Management system ID) and/or Company Code / Organization.
4. Ariba Central Invoice Management Tax calculation request is not null.

Log Enablement

This feature allows you to enable the log settings. When logs are enabled, ONESOURCE Global Tax for Ariba Central Invoice Management Solutions will store transaction logs. Transaction logs are useful for troubleshooting and verification of transaction details.

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Integration offers three levels at which the logs can be enabled:

1. Ariba Central Invoice Management system ID
2. Determination Company
3. Document Type

NOTE: This is an optional configuration. By default, logs are not enabled. If you would like to see transaction logs in json format, configure log enablement at desired level. Please note that the request and response logs are captured in json format while the tax engine request and response logs are in XML format.

The transaction logs available under Logs UI screen are dependent on these settings. Logs can be enabled at any desired level. Here are some possible options you may find:

Enabling logs at Ariba Central Invoice Management Realm level

When logs are enabled at Ariba Central Invoice Management Realm, and Determination Company and Document Type are not selected, logs will be enabled for all Determination Companies under that Ariba Central Invoice Management Realm and two document types (Purchase Requisition and Invoice Reconciliation).

NOTE: Ariba Central Invoice Management Realm is an optional selection. You can skip selecting Ariba Central Invoice Management Realm but choose to enable logs at Determination Company and Document Type level. If you do not select any Ariba Central Invoice Management Realms, Logs will be enabled for all your valid Ariba Central Invoice Management Realms in Integration.

Enabling log at Determination Company level

When one or more entries from Determination Company list are selected, logs will be enabled for those Determination companies under all Ariba Central Invoice Management Realms Customer may have.

Enabling log at Document Type level

When only Document type(s) are selected, log would be enabled for Determination Companies and Ariba Central Invoice Management Realm(s) Customer have on Determination (across Ariba Central Invoice Management Realms(s) and Determination Companies).

Enabling log at Ariba Central Invoice Management Realm/Determination Company level

XMLs logs will be enabled for selected Ariba Central Invoice Management Realm and Determination Company combination.

Enabling log at Ariba Central Invoice Management Realm/Determination Company/Document Type combination level

This setting would enable logs at selected Ariba Central Invoice Management Realm, Determination Company, and Document Type levels. This is the most optimized level where logs will be enabled, and transaction logs will be generated at levels which are truly required.

NOTE: Please make sure that External ID is maintained for Determination Company in ONESOURCE Determination system. Even one of the Determination Companies under a Tenant ID without External ID will lead to errors. Please review." while saving XMLs log enablement (Enable XMLs log Add/Edit configuration).

Configuration

To enable the transaction log feature, please follow the steps below:

On Home screen, go Configuration **>** Log Enablement.

1. Click on Log Enablement option.

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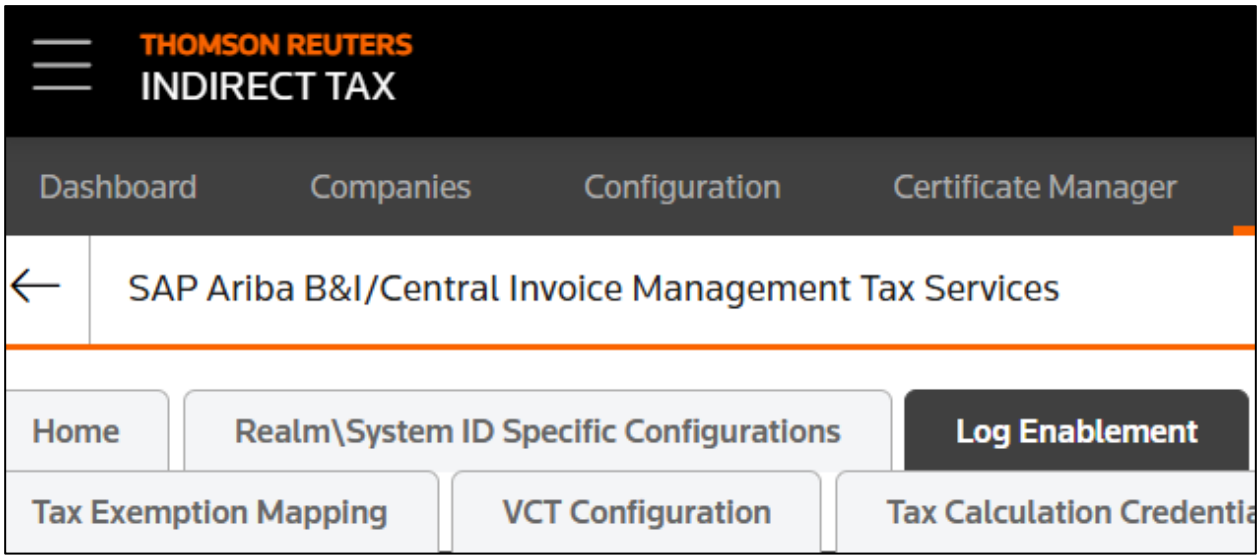

2. You will be navigated to Log Enablement screen.

   This UI screen will show Enable log add button and a display grid. Enable XMLs log button enables user to add new logging. And the display grid will show log settings when added.

   By default, XML logs will not be enabled. You may not see any existing configuration when you are setting up Integration for the first time.

3. Click on log enablement button to enable log.

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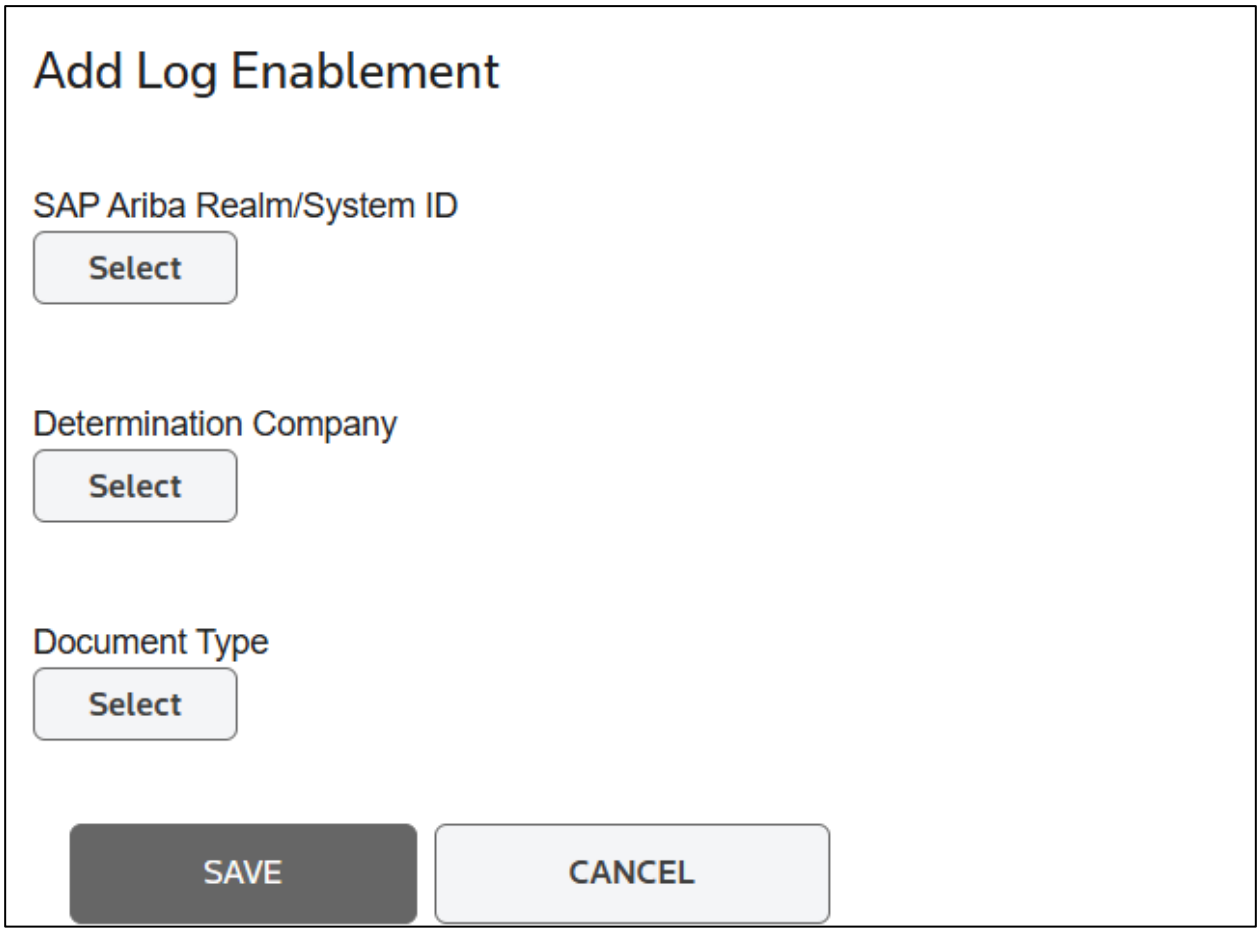

NOTE: Ariba Central Invoice Management Realm/system ID is an optional selection. You can skip selecting Ariba Central Invoice Management Realm but choose to enable logs at Determination Company and Document Type level. If you do not select any Ariba Central Invoice Management system ID, Logs will be enabled for all your valid Ariba Central Invoice Management systems in the Integration.

4. On this UI screen make selection at which you would like to enable log.
    a. Click on Ariba Central Invoice Management system ID button (Clickable) to select the Ariba Central Invoice Management system for which you would like to enable Logs. You will see a window opening and showing list of Ariba Central Invoice Management Realms/Systems ID.

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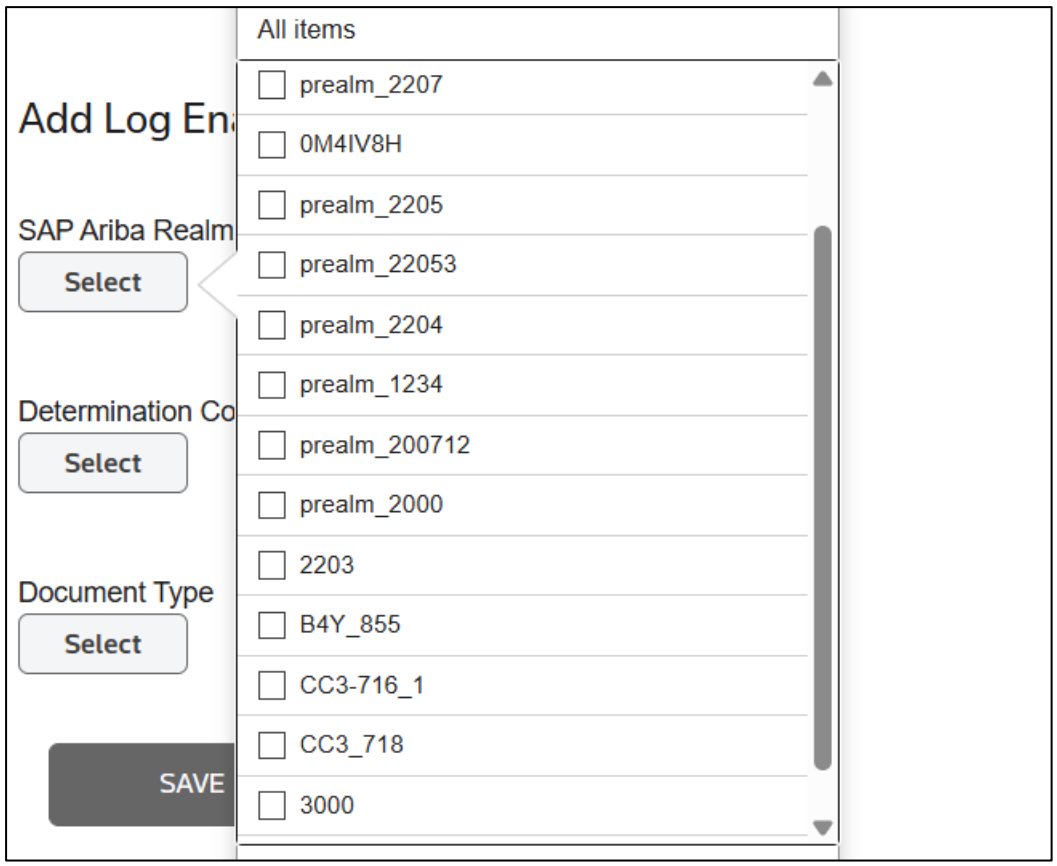
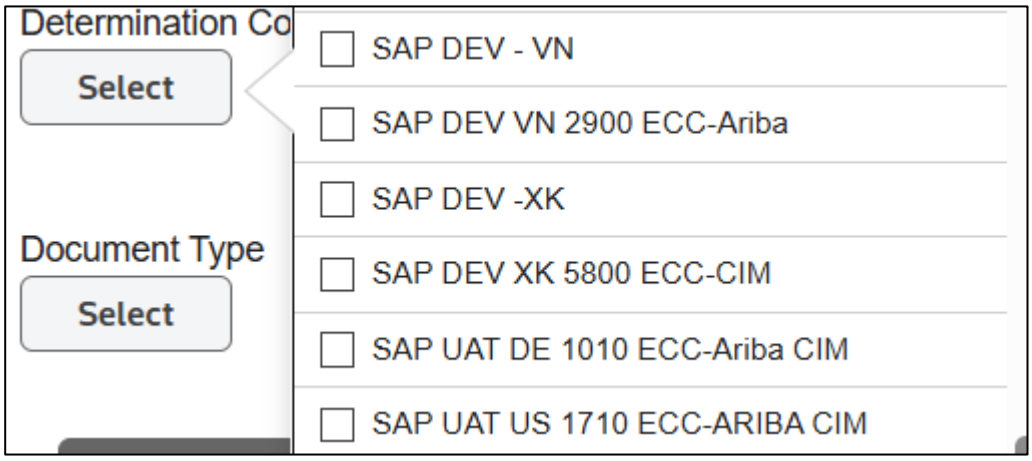


b. Select Ariba Central Invoice Management Realm ID/system ID from the list as shown in screenshot based on your requirement. (The values are pre-populated based on User's Tenant ID).

c. Click on DONE button once you are done with selecting Ariba Central Invoice Management Realm(s). The selection window disappears, and the selections made are shown on XML Log Enablement main screen under Ariba Central Invoice Management Realm field.

d. Select Determination Companies by clicking on SELECT COMPANIES button. UI would present you with a pop-up window to make selections as shown in the screenshot below.



e. To find companies:

- search by name in the Search box or,
- click on Show all (to see the complete list) or,

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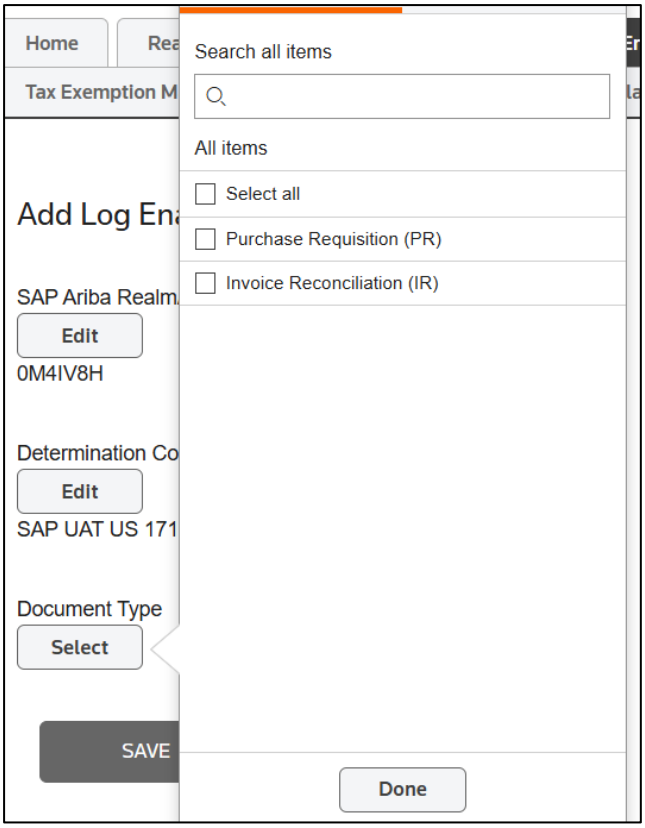
- Click on Show selected if you have already made some selections.

Select one or more companies from the list (if list is big, scroll bar helps to find the desired selection) and click on DONE button. Selected company/companies' will be shown on UI under Determination Company Name UI field.



f. Click on SELECT DOCUMENT TYPEs button to select Ariba Central Invoice Management document type(s).

g. Integration UI would present a pop up showing two document types (PR and IR).

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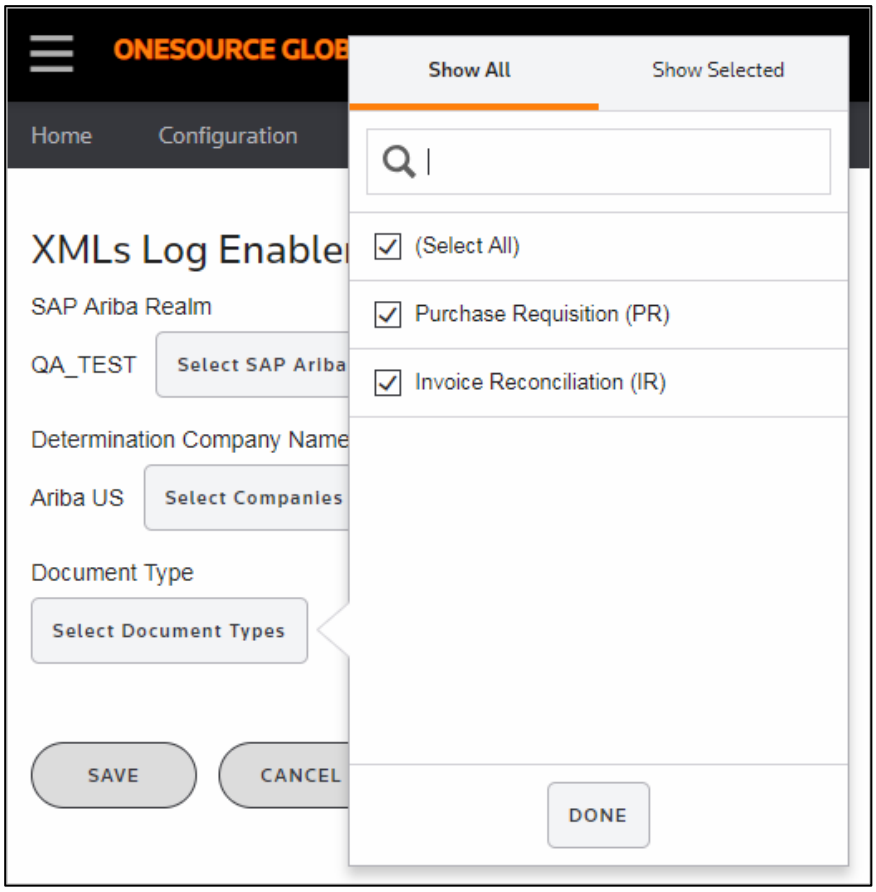

h. Select desired document type like how Ariba Central Invoice Management Realm/System ID and Determination Company entries are selected and click on DONE button when you are done with making selections based your requirement.

i. Your selection will be shown under Document Type UI field label.

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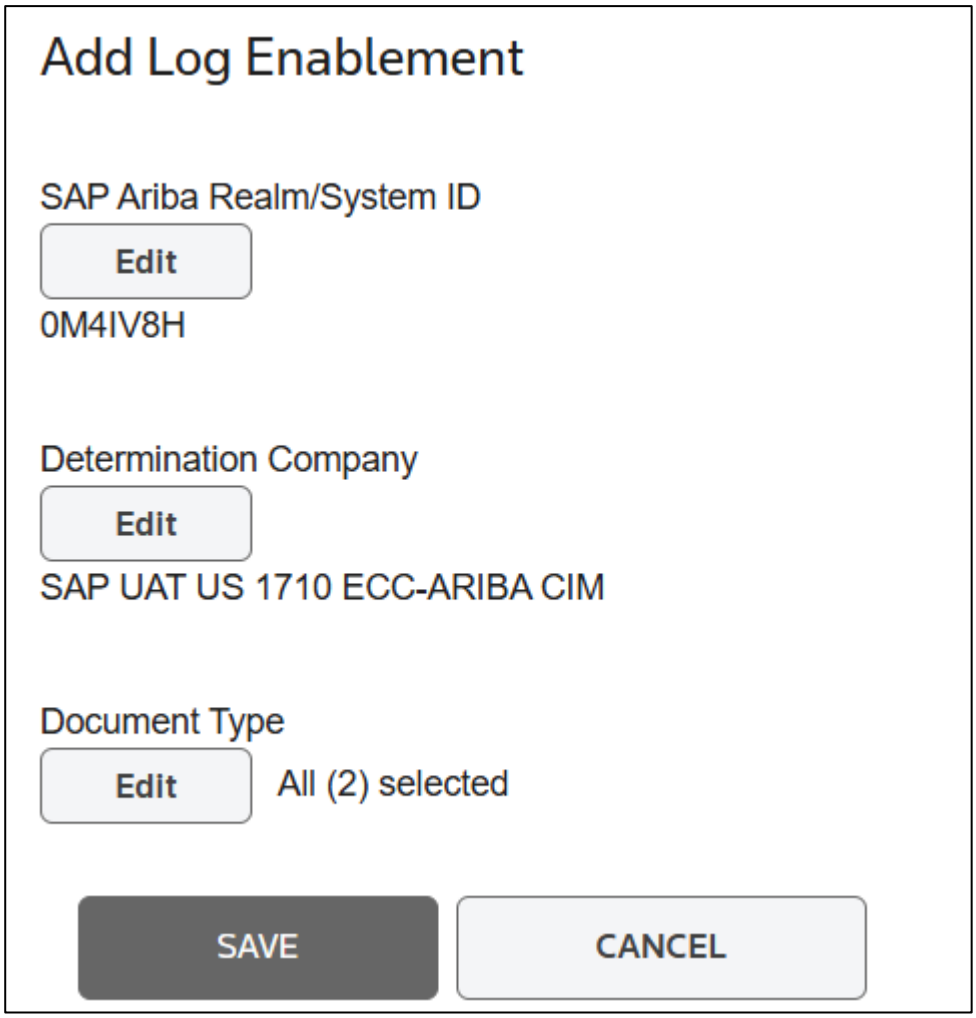
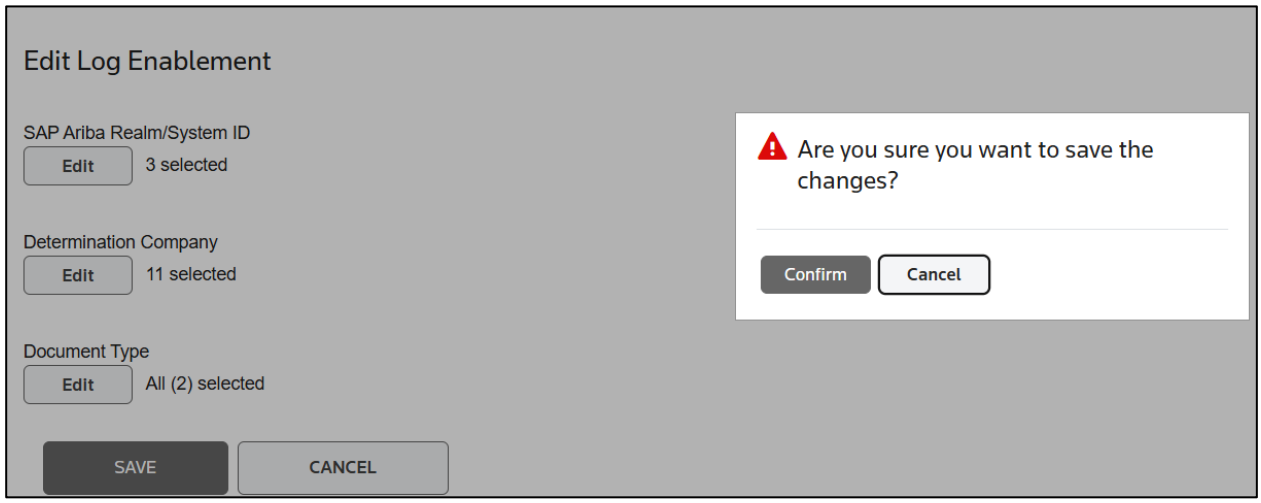


5. Click on SAVE button to save the changes and continue.
6. A confirmation message is promoted and if you would like to continue, click on YES button. (otherwise click on NO and you will be back on log enablement screen where you can make changes and continue or cancel the action to go to main Log enablement UI screen)



7. You will be navigated to Log Enablement main UI screen where you can see the display grid reflecting the changes made.

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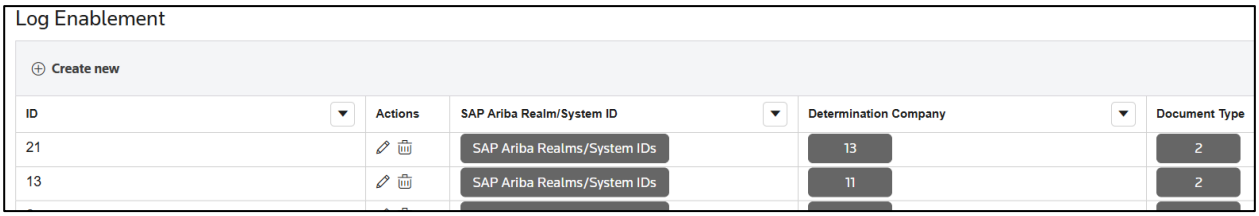
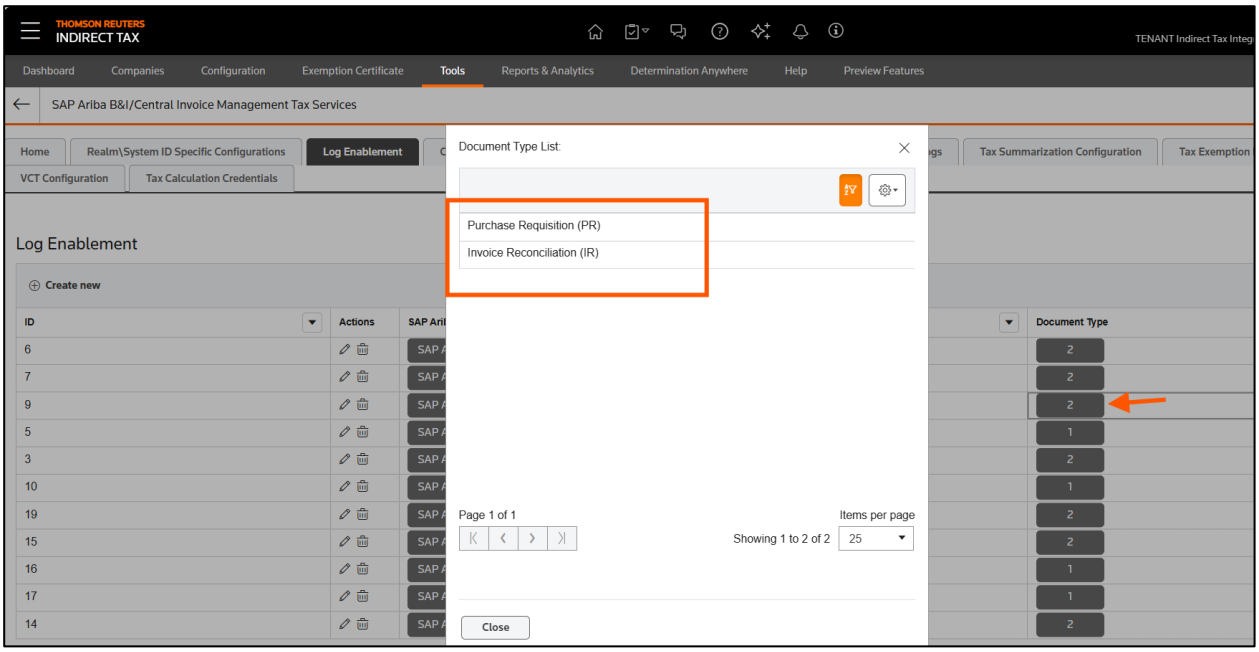
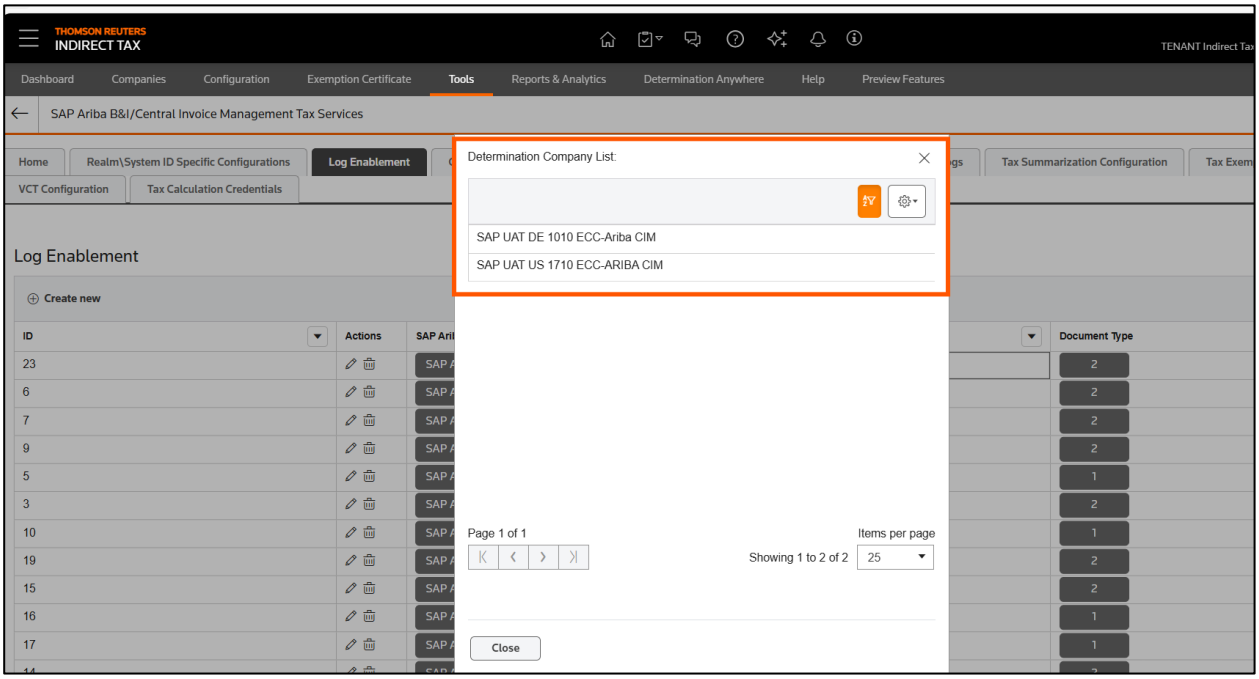


8. Display grid shows a clickable button with text showing number of entries for columns Ariba Central Invoice Management Realm, Determination Company, and Document Type when there is more than one entry for that selection parameter.
9. Click on any button showing number of entries to see the details of selections for that parameter.





NOTE: Note on SAVING Log Enablement without making any selection.

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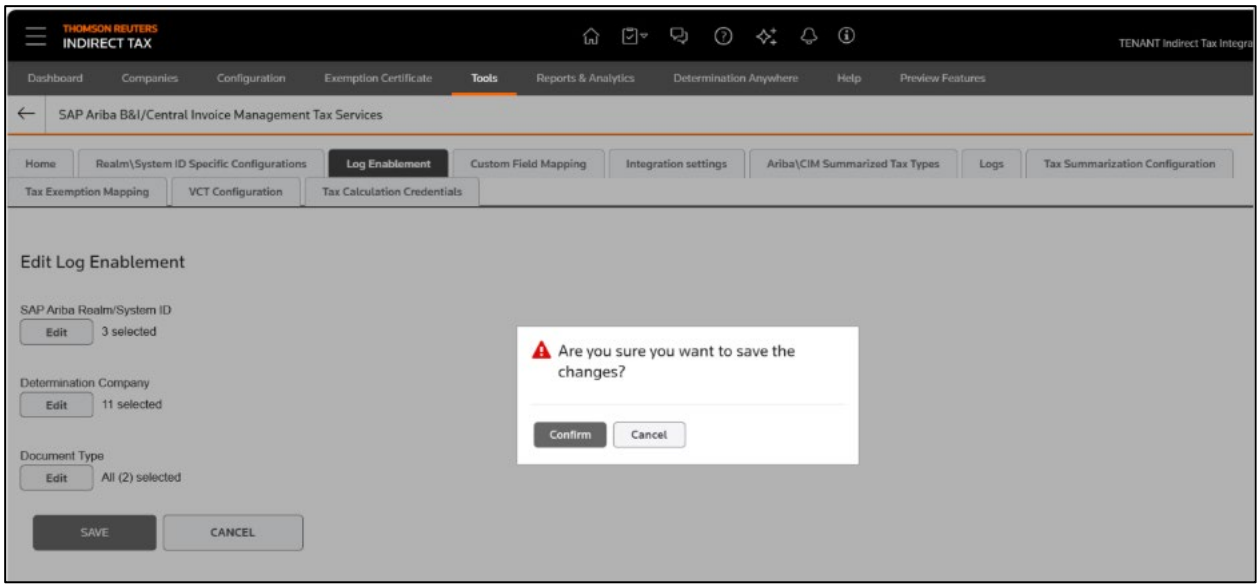
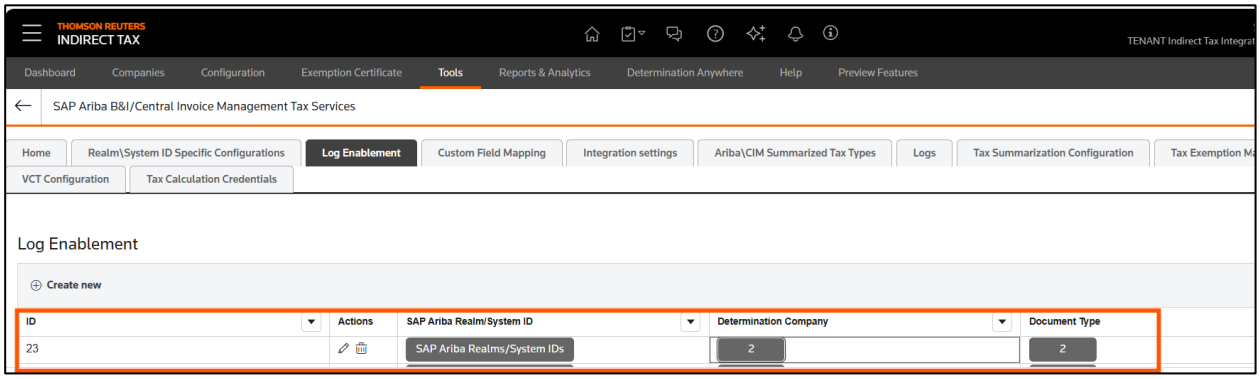
If no selections are made on Log Enablement button but you click on Save button, a pop-up window appears to prompt you that 'Are you sure you want to save the changes?



If no selection is made but you have clicked on SAVE button, logs will be enabled for all your configured Ariba Central Invoice Management Realms, Determination Companies and two Document Types.

Display Grid showing Ariba Central Invoice Management Realm and all Determination Companies and two Document Types selected automatically when you just SAVE without making any specific selections.



If you do not want to enable logs at any level, click on NO button and you will stay on the Log Enablement page.

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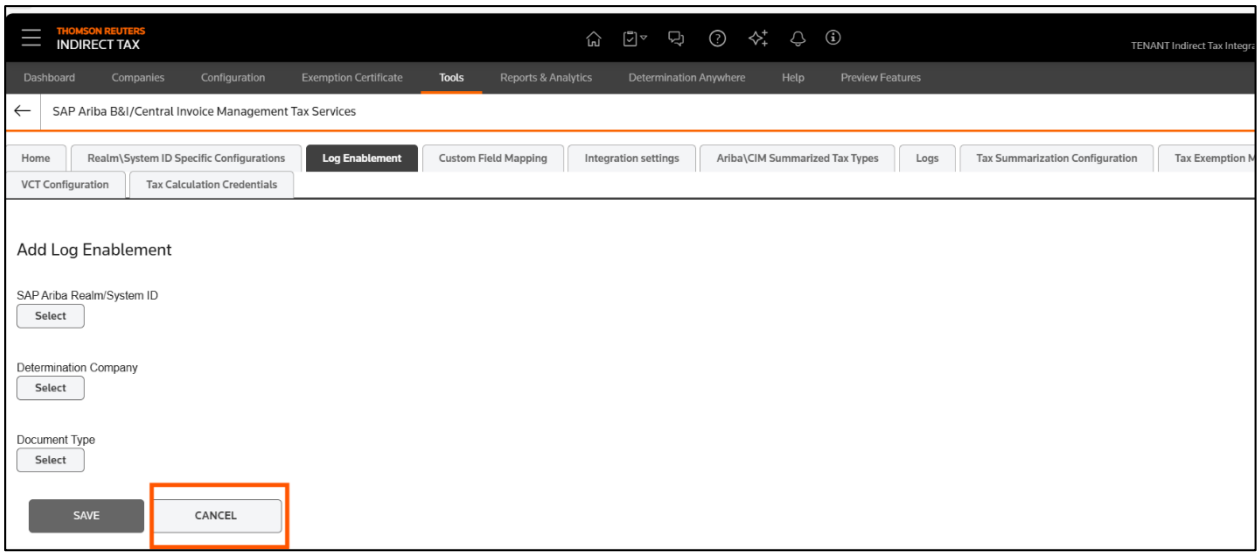
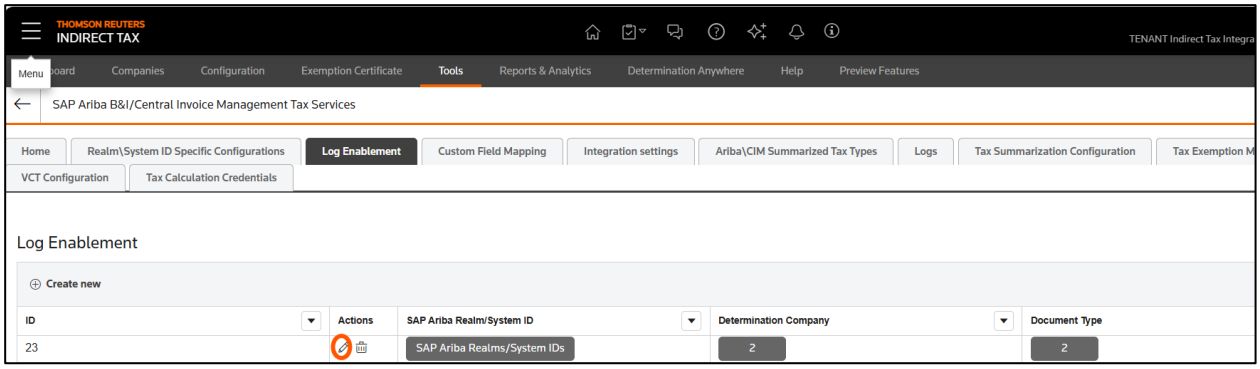


Edit Log Enablement

To edit the logging settings, please follow the steps below:

1. Click on edit (pencil icon) on the row in the display grid for which enablement logging you would like to make change.



2. Integration would navigate you to the Edit Log Enablement screen.
3. Please make changes as desired. (you may refer steps 5 a to f under Configure log Enablement) to make changes to Ariba Central Invoice Management Realm, Determination Company Name and Document Type selections. Click on Done.

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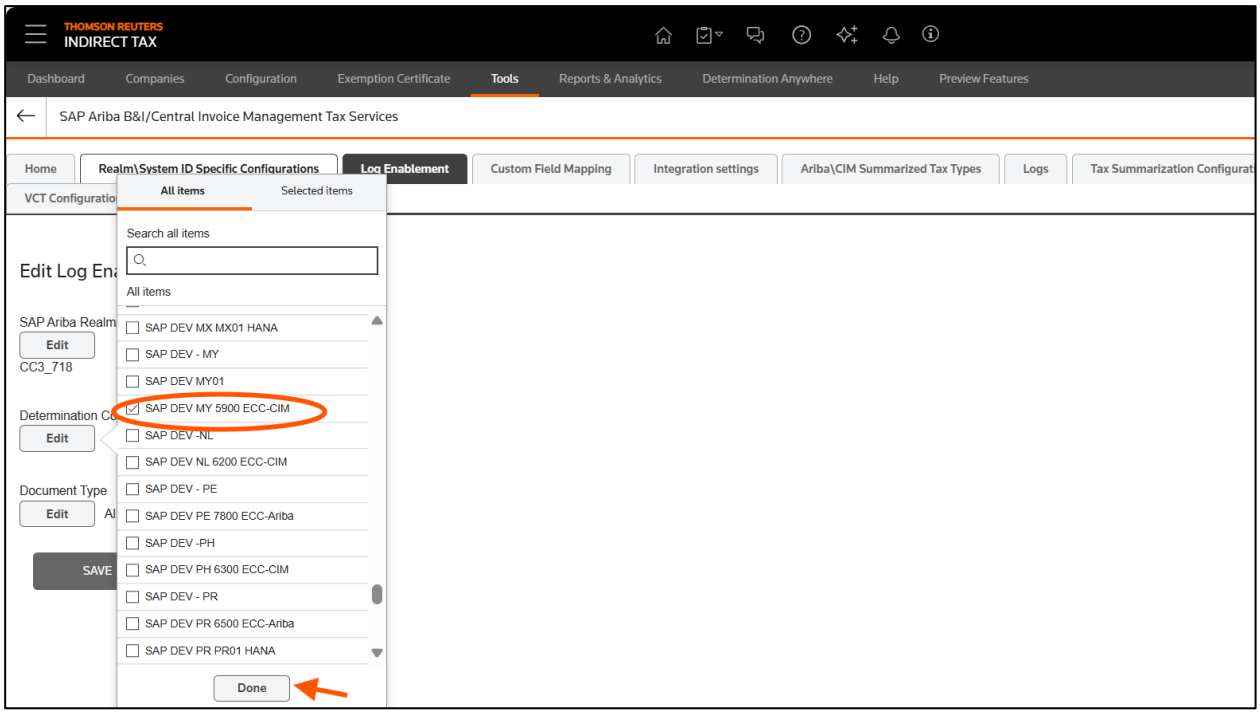

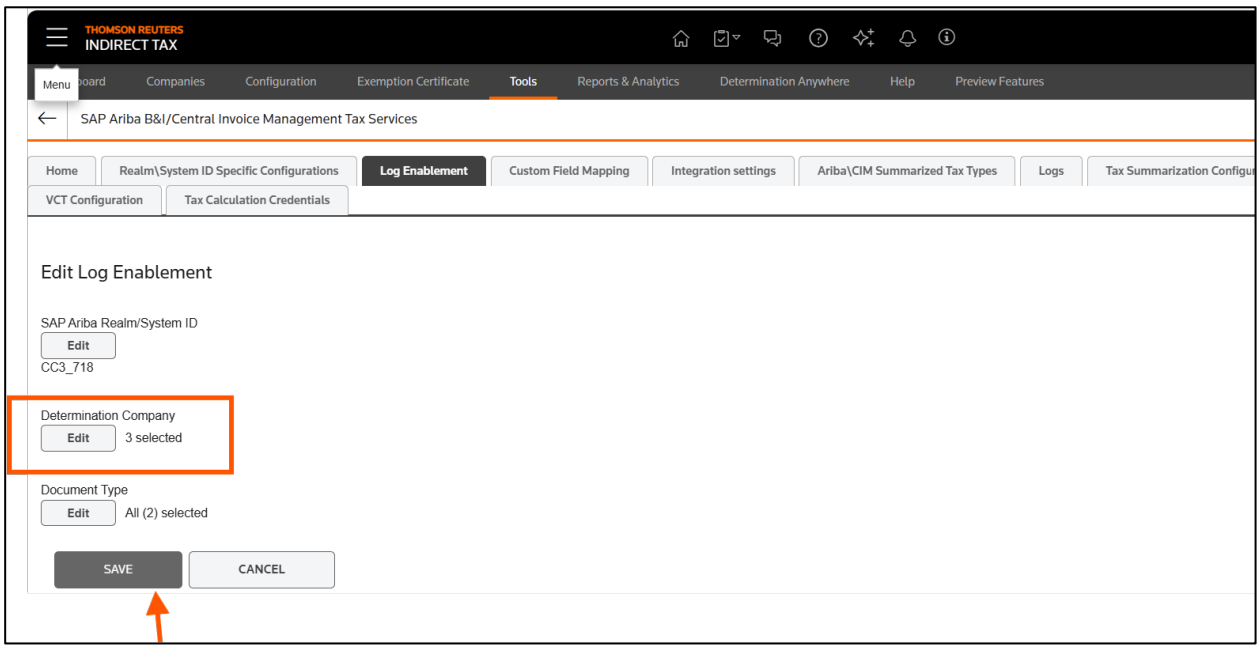

4. Once changes are made, click on SAVE button on Edit Log Enablement screen. You would be prompted for confirmation.

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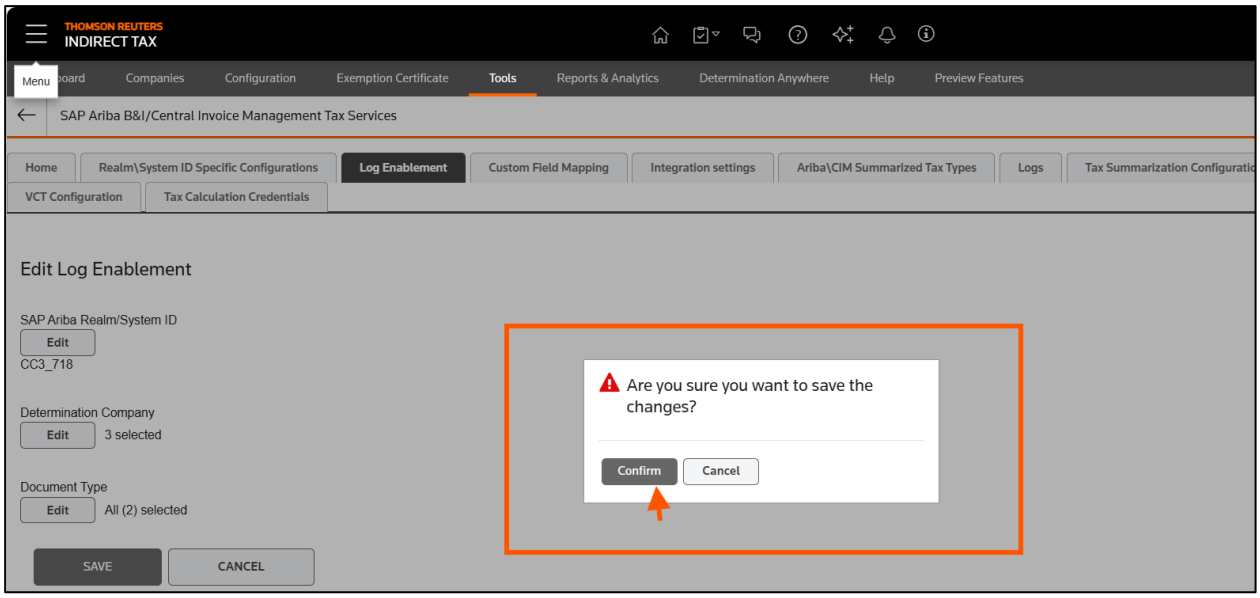
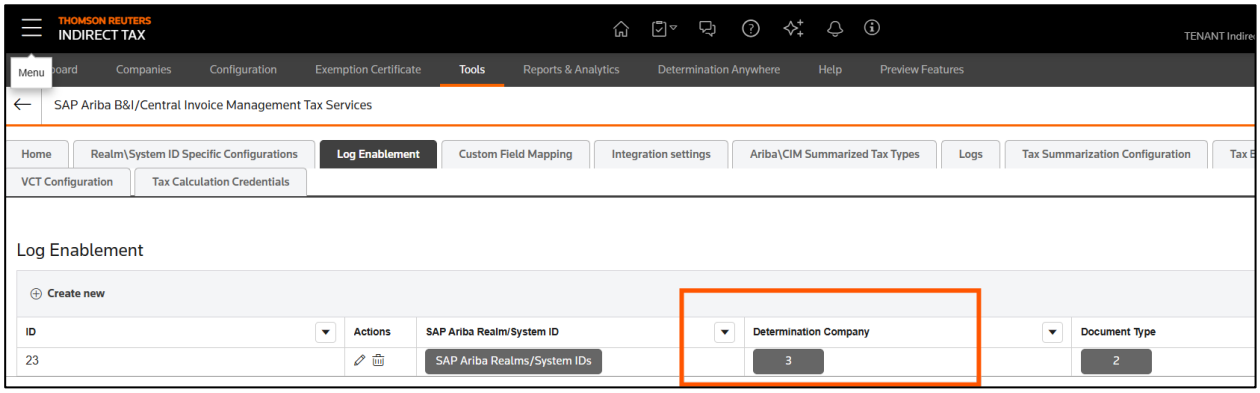


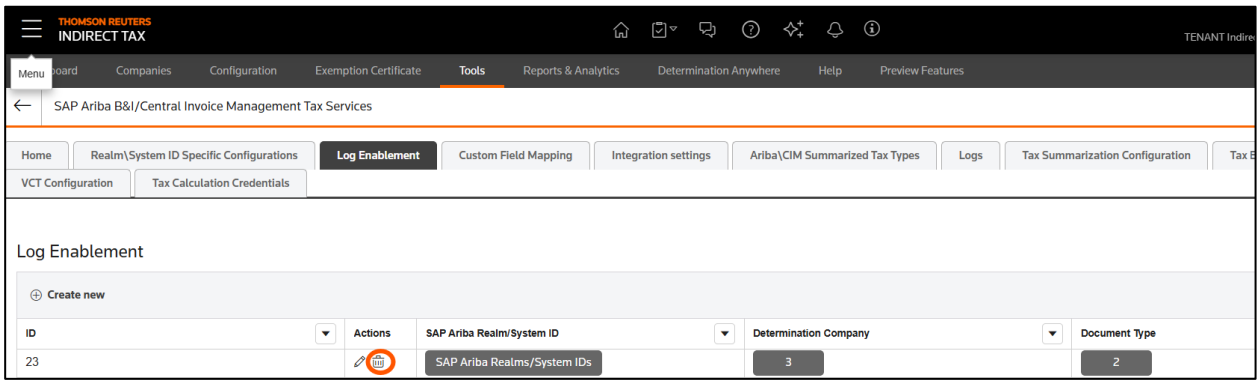
5. Click on Confirm button to confirm the action. Integration saves the changes, and you would be navigated to XMLs Log Enablement main UI screen where display grid shows (click on drop-down list) the updates made.



Delete Log Enablement

To delete logging settings, please follow the below steps.

1. Click on the trash can icon in the display grid Action column for the row you would like to delete.



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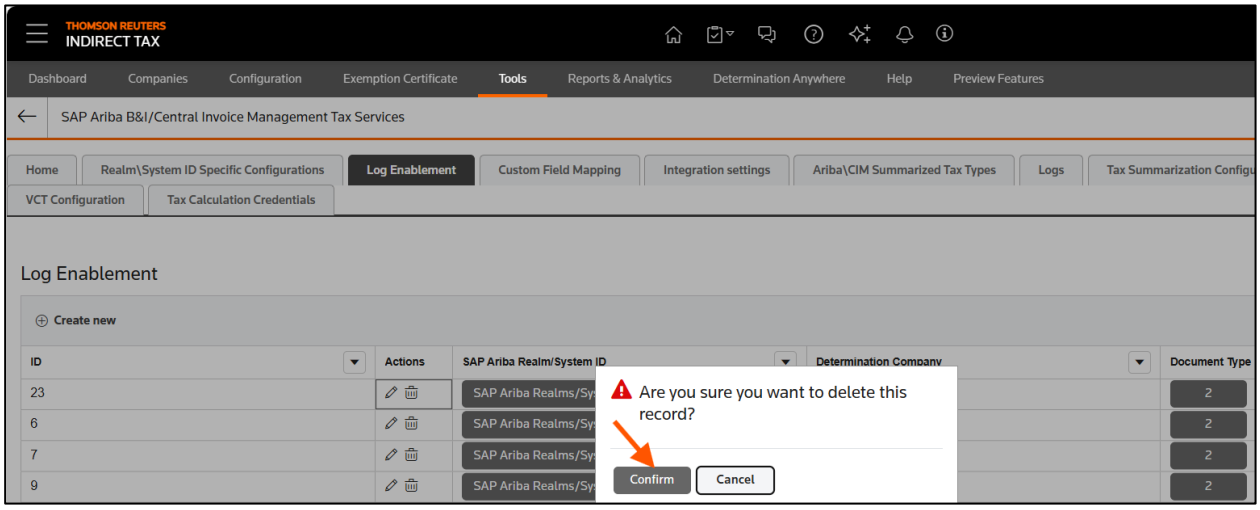
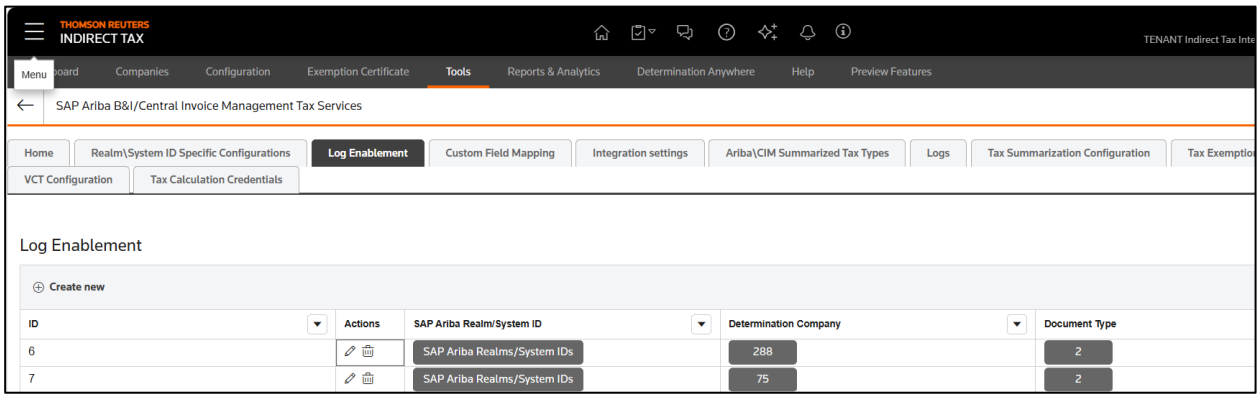
2. You will be prompted to confirm the decision.

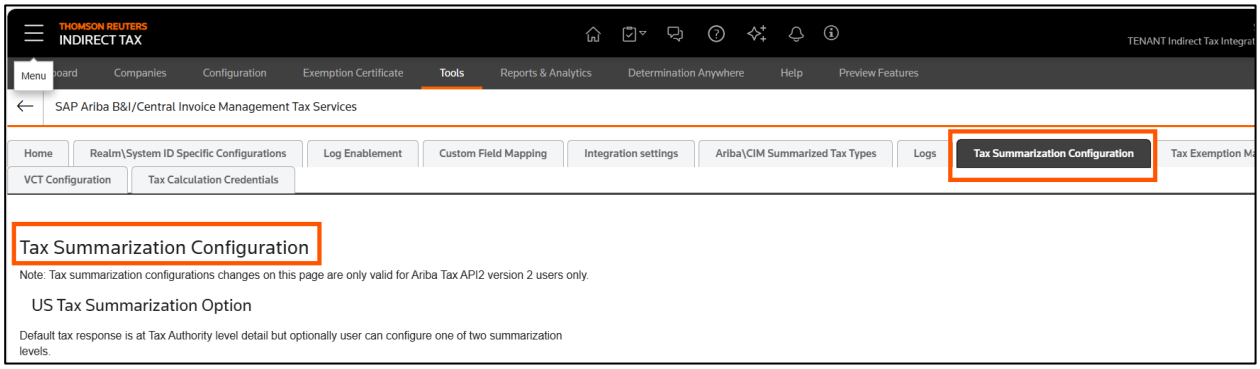


- Click on Confirm button to confirm the delete action.
- The display grid reflects the change made, deleting the selected entry #23.



Tax Summarization

Tax Summarization feature is an optional configuration available on Integration User interface.



The Tax Summarization (Configuration > Tax Summarization) screen contains two sections.

1. Tax Summarization Configuration
2. Tax Types Mapping

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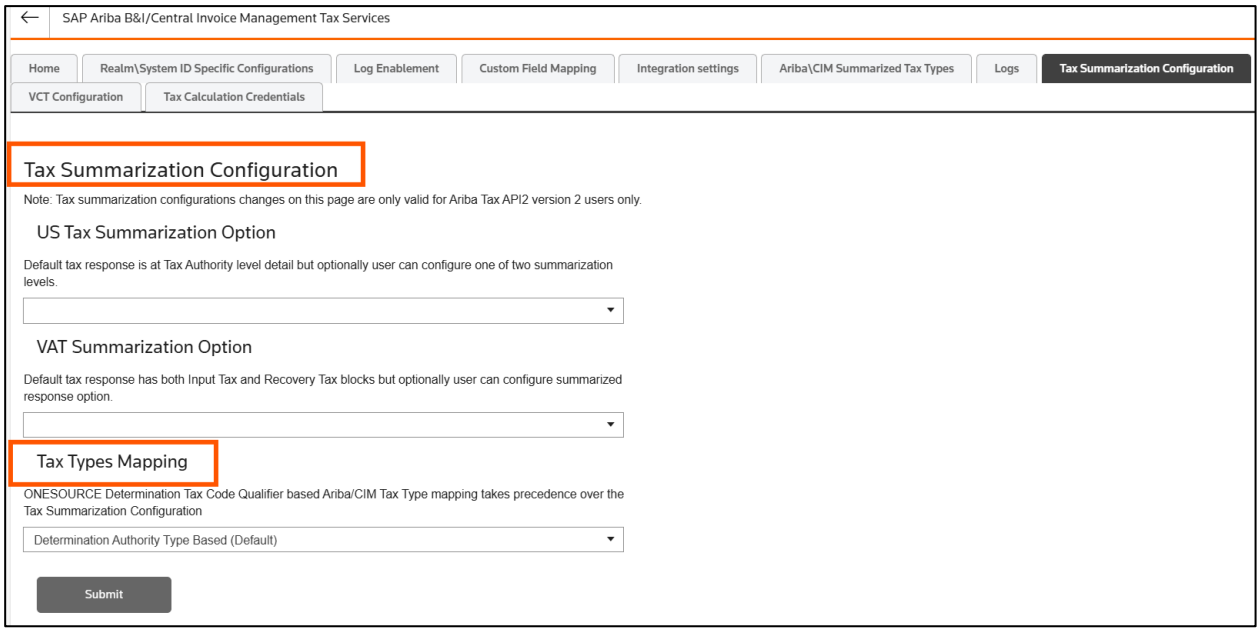
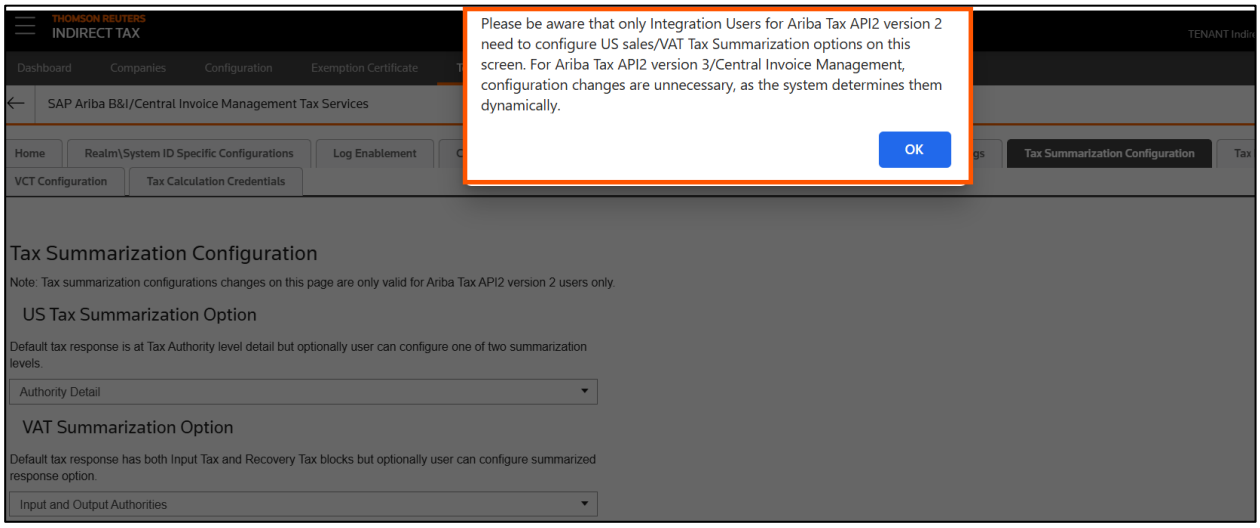


The section **Tax Summarization Configuration** section contains US Tax Summarization Options and VAT Summarization Options which are NOT required for Ariba CIM tax Integration product.

Even if any configuration is made on this section by mistake, it will be ignored by Ariba CIM Integration software version 1.0.0.0.

Integration UI also shows a pop window as shown below to advise users that this feature configuration is not required for Ariba Central Invoice Management tax calculation process.



Tax Types Mapping: The default tax type mapping for Ariba CIM integration is the TCQ tax type mapping. Customers are expected to complete all TCQ tax type mapping on the tax engine before completing this configuration.

To know more about Tax Types Mapping feature please check Tax Code Qualifier Based Ariba Tax Type Mapping section in this document. And check Configuration for enabling this feature.

NOTE: Tax Summarization optional configuration available on Integration UI allows users to set up the granularity of tax information sent to Ariba Central Invoice Management system. ONESOURCE Global Tax for Ariba Central Invoice Management Solutions which supports Ariba Central Invoice Management Tax API should be set by default on TCQ as the default configuration. The system will generate a warning message if the determination tax type mapping is selected instead of the tax type mapping.

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Custom Field Mapping

Ariba Central Invoice Management solution allows custom fields to be created to cover functionality not available through out of the box standard fields. ONESOURCE Determination also enables Customers to use custom fields known as Determination User Elements for tax calculation and audit purposes.

The Custom Field Mapping functionality on Ariba Integration allows you to map Ariba Central Invoice Management custom fields to ONESOURCE Determination User Elements.

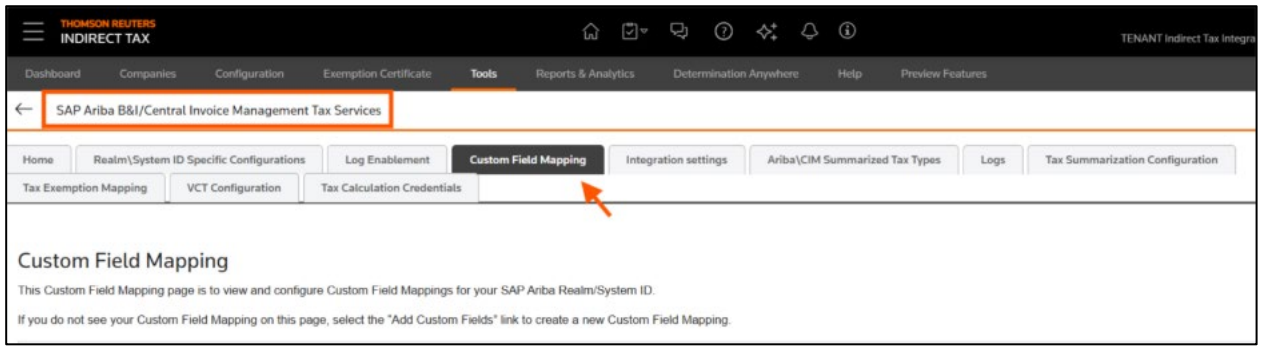
ONESOURCE allows Determination User Elements from 1 to 40 only. Ariba Integration has validation in place to check this reservation.

NOTE: Customers need to work with Ariba Central Invoice Management Customer Support to have Custom fields created in their Ariba Central Invoice Management Buying Solution. To have Custom fields work on ONESOURCE tax calculation and or audit, it should be first defined in Ariba Buying Solution, and those custom fields should be mapped to Determination User Elements.

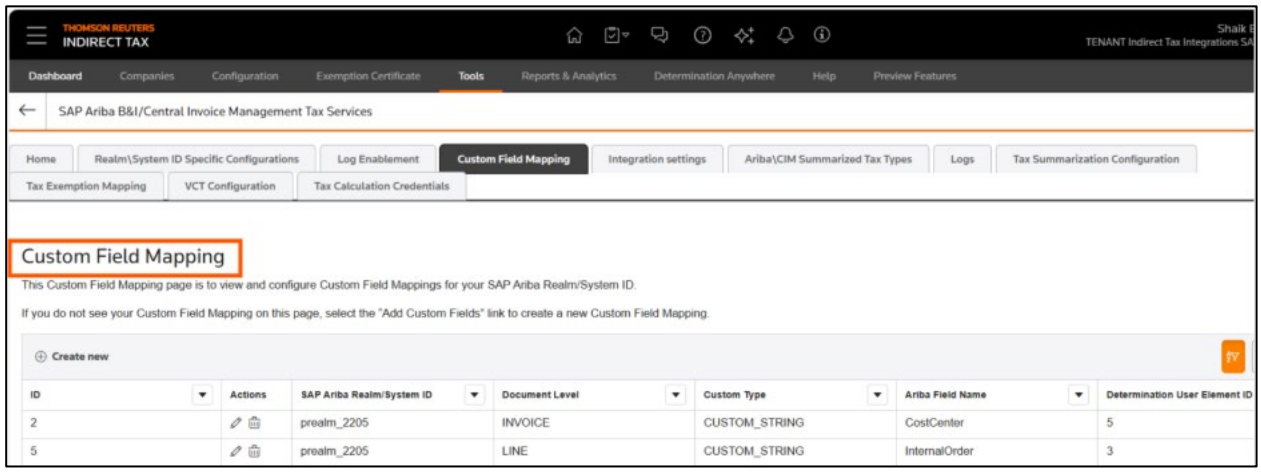
Create Custom Field Mapping

To configure the Custom Field Mapping, please follow the navigation steps:

1. Log in to ONESOURCE Global Tax for Ariba Central Invoice Management Solutions.
2. On Home screen, go to Configuration **>** Custom Field Mapping



3. Click on Custom Field Mapping option. You will be navigated to Custom Field Mapping screen where you would see Add Custom Fields button and a “Display Grid.” Display Grid will show Custom Field Mappings that are configured through this UI page.



4. Click on Create New button located on top of the display grid to create mapping.

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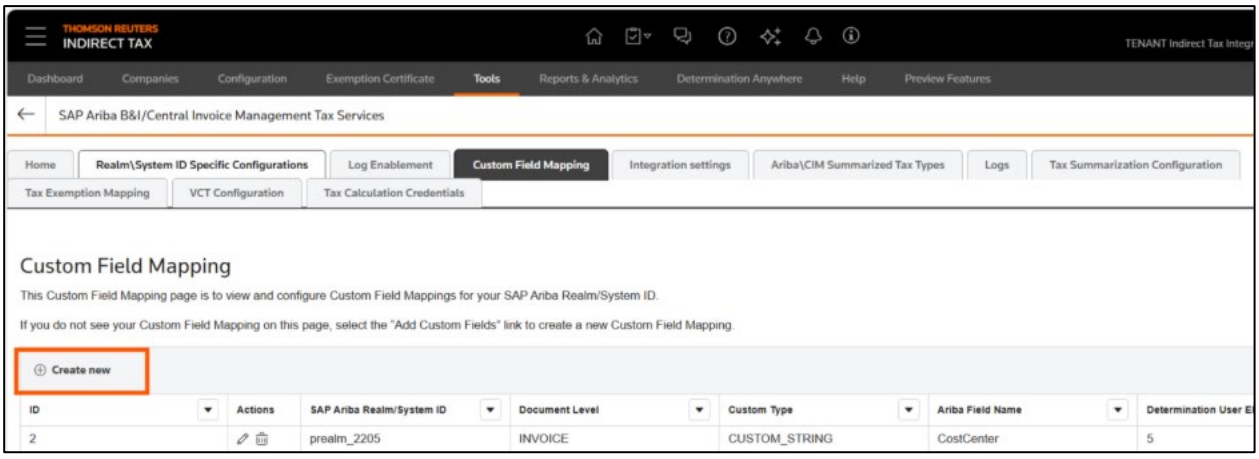
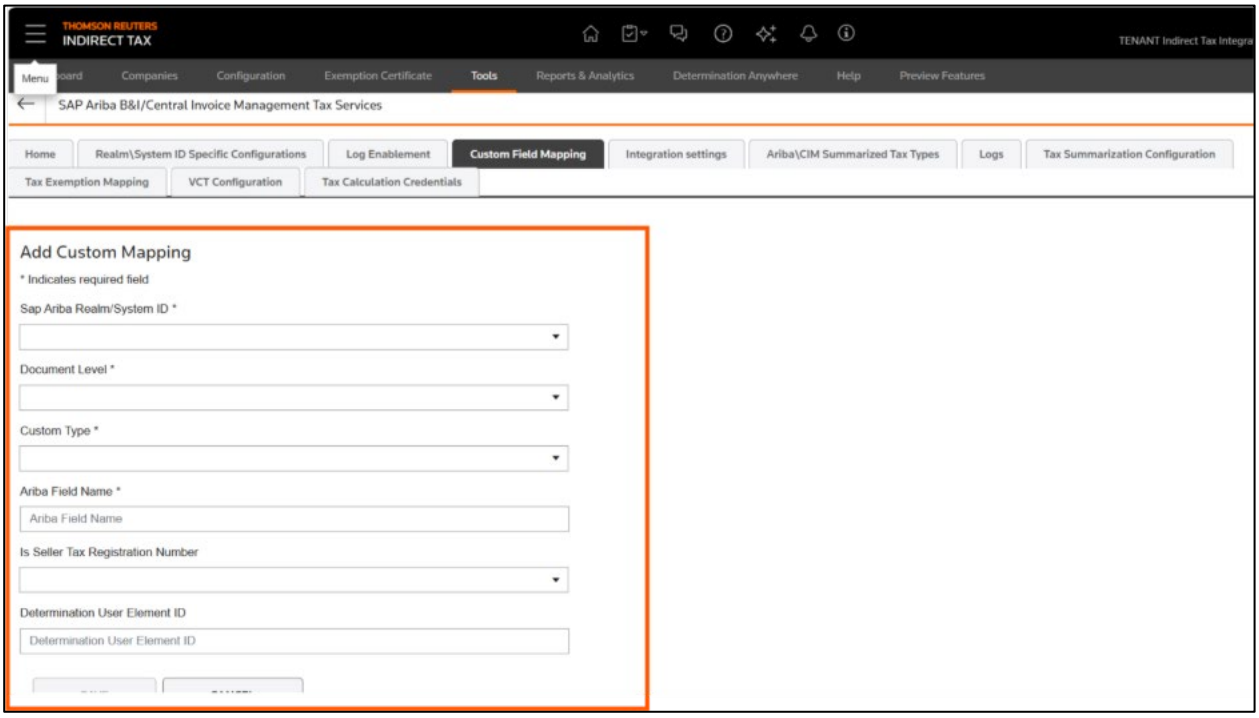


5. You will be navigated to Add Custom Mapping screen where you can create mapping.



This screen has the fields below to configure the mapping.

a. Ariba Central Invoice Management Realm/System ID:

- This is a required field. The input type is drop-down list where you can select the values from the pre-populated list. The list is pre-populated based on Ariba Central Invoice Management Realms set up under User.'
- It is required to create Ariba Central Invoice Management Realms first under Ariba Central Invoice Management Realm/Systems ID Specific Configurations section if it is not done already.

b. Document Level:

- This is also a required field and input type is drop-down list.
- Integration has two pre-populated values that are **Invoice** and **Line**

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- The Invoice level also means Document level or Header level where a field at this level applicable to the whole document.

c. Custom Type:

- This is a required entry presented as drop-down list.
- The available values are:
  - CUSTOM_BOOLEAN
  - CUSTOM_DATE
  - CUSTOM_INTEGER
  - CUSTOM_STRING
- Select the value here, based on the type of Ariba Custom field.

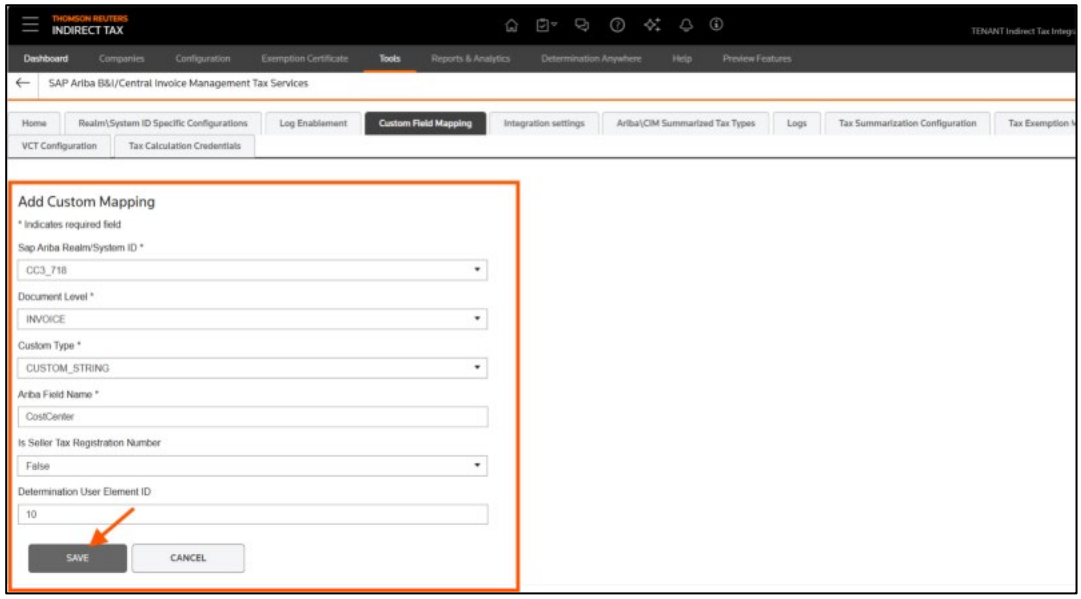
d. Ariba Field Name:

- This is a required text field. Enter the name of the Ariba Field here, that is defined and maintained in the Ariba Central Invoice Management Buying Solution.
- Integration cannot validate the Ariba Custom field that is maintained in the Ariba Central Invoice Management Buying Solution so please make sure to enter correct name of the Ariba field here.

e. Determination User Element ID:

- This is a required text field. Please choose Determination User Element IDs from 1 to 40 only.
- Integration checks the range (1-40) and shows error if the value is not in between the range.

6. Select Ariba Central Invoice Management Realm, Document Level, Custom Type and enter Ariba Field Name and Determination User Element ID which you would like to map.



7. Click on SAVE button to create the mapping. You would be prompted to confirm the changes.

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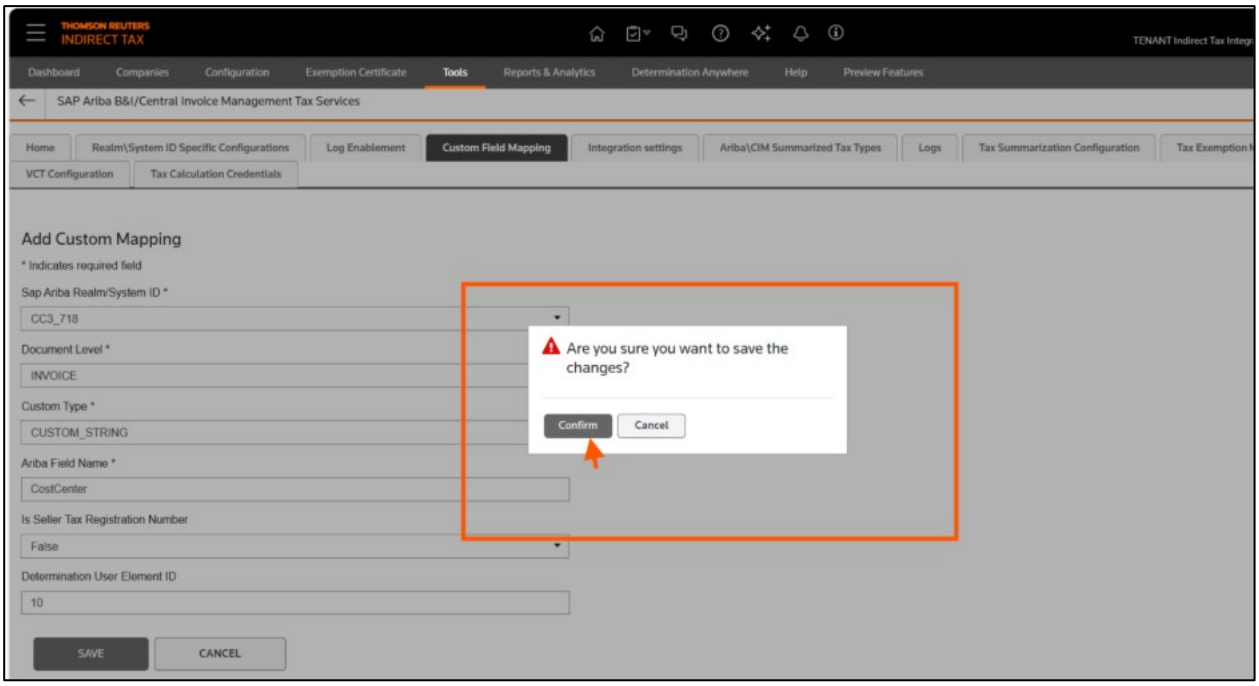
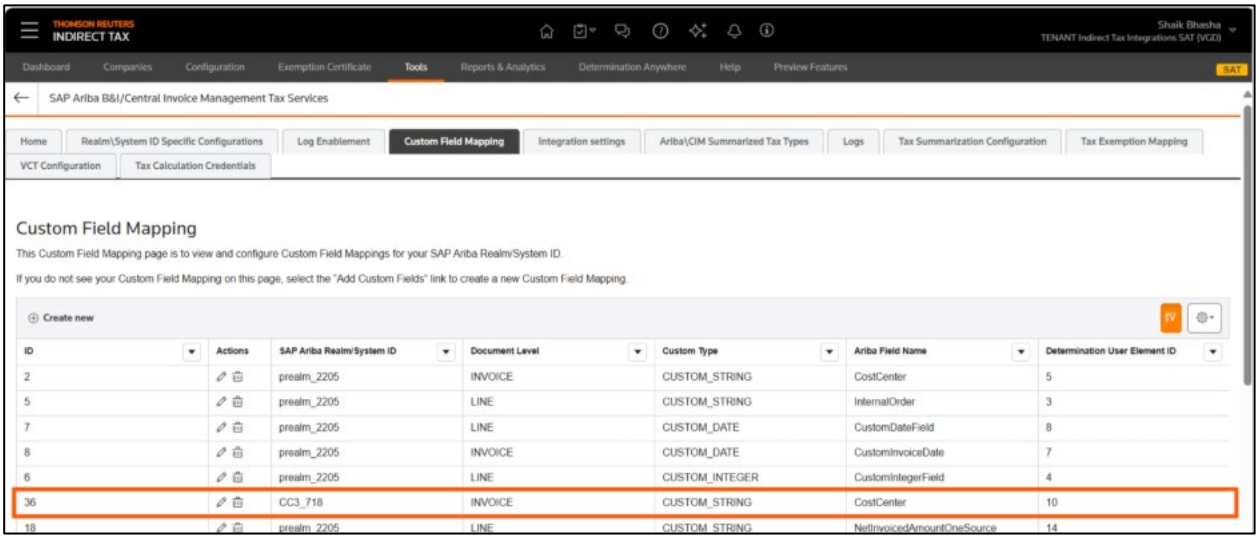


- Click on YES to continue. When clicked on YES button, you would be navigated back to Custom Field Mapping main UI Screen where you can see the display grid showing the mapping that has been created.



Repeat steps from 1-8 to create more mappings as desired.

NOTE: If clicked on NO button in step 8, pop up would disappear and you would be on Add Custom Field Mapping screen.

1. Here you may make changes and click on SAVE button to create the mapping. OR

2. To cancel the created mapping, click on CANCEL button so that you will be navigated back to Custom Field Mapping main UI Screen. Display grid would not be updated as user's action is cancelled.

NOTE: Validation rule does not allow mapping the same Determination User Element ID to any other Ariba Field at the same Document level and Custom Type under the same Ariba Central Invoice Management Realm

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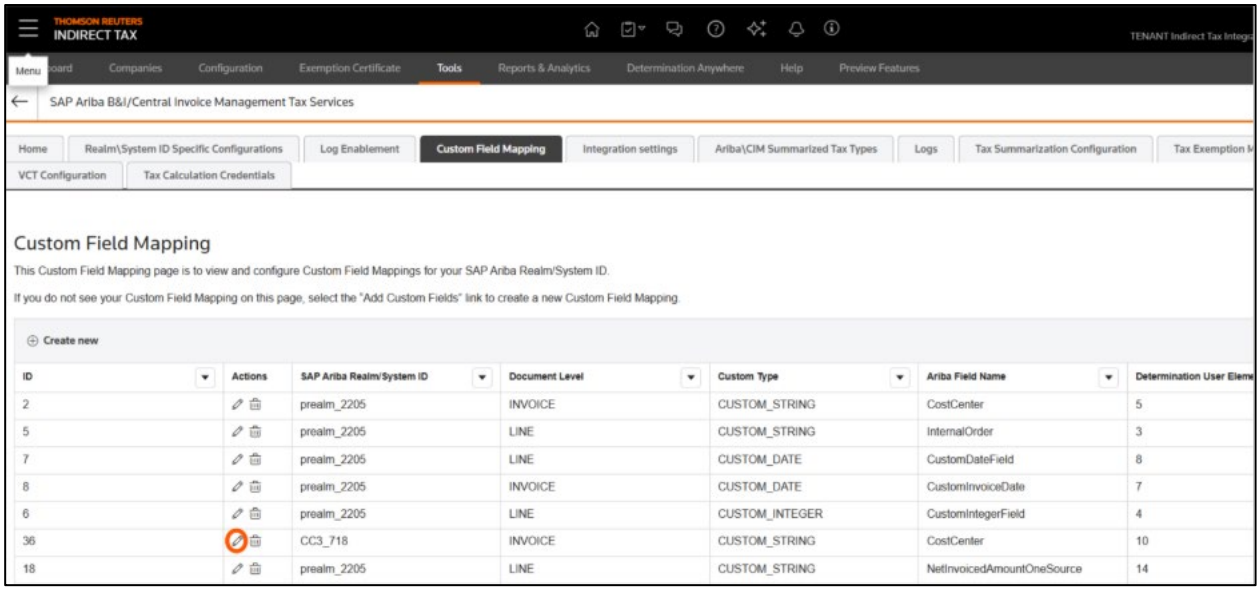
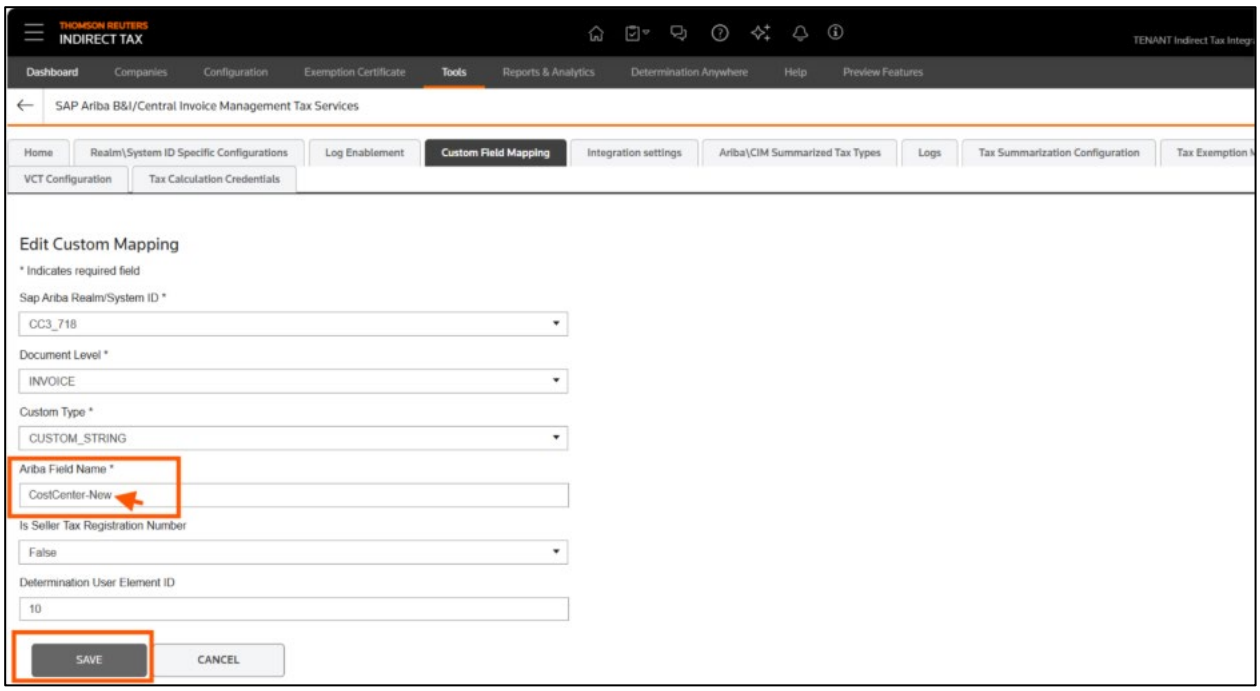
Edit Custom Field Mapping

To edit an existing mapping follow the steps below:

1. Click on the Edit (pencil) icon on the row in the display grid for which you would like to make changes.



2. Integration allows changes to Ariba Filed Name and Determination User Element ID. Here you can make changes as desired and click on SAVE.



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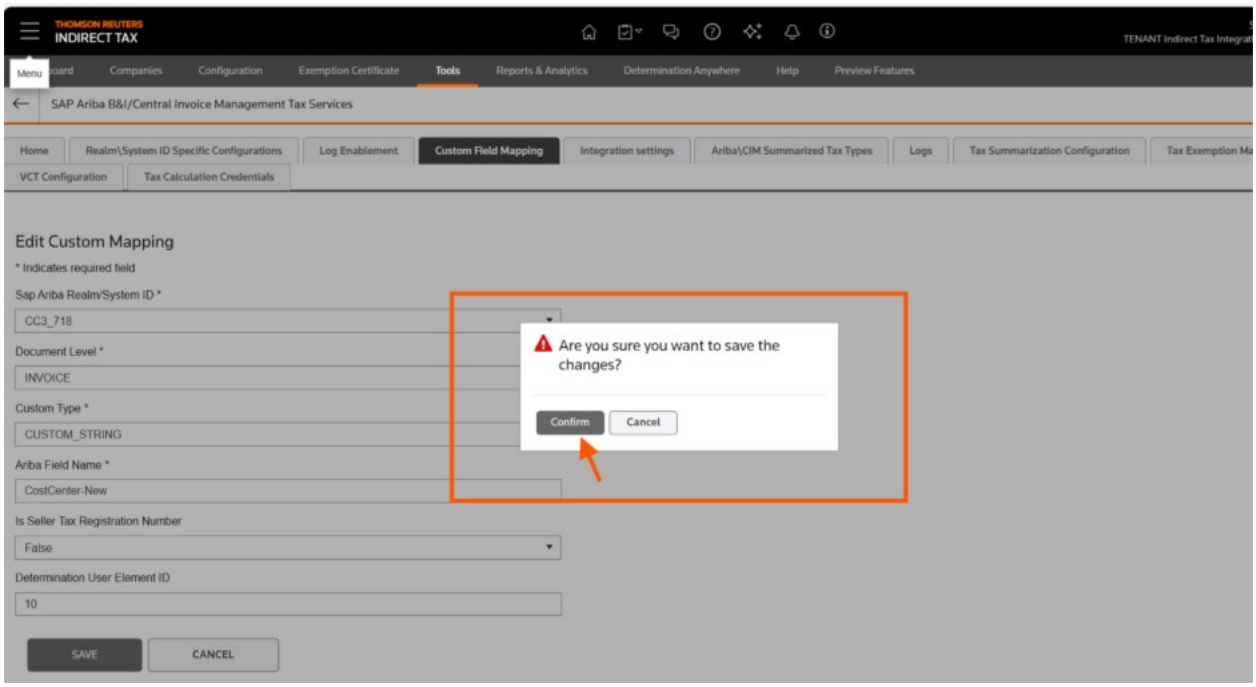
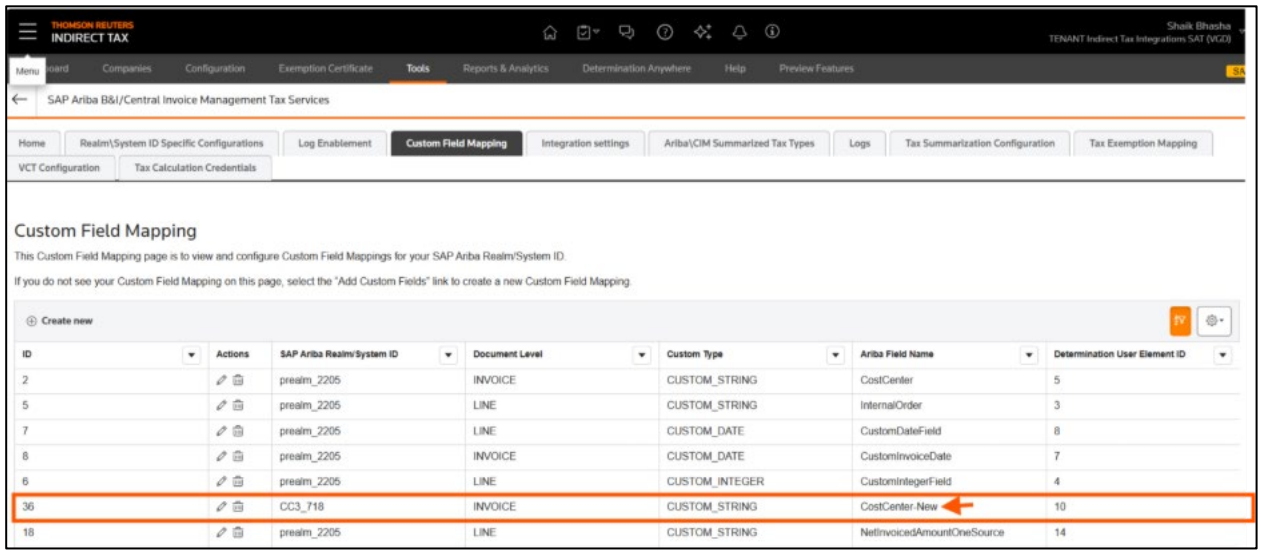
3. You will be prompted to confirm the change.



4. If you select YES, system will take you to Custom Field Mappin main screen where display grid shows changes made.



NOTE: Edit and Add Custom field mapping configuration have same validation logic.

Delete Custom Field Mapping

To delete custom field mapping, please follow the steps below:

1. Click on delete icon on the row in the display grid which you would like to get deleted.

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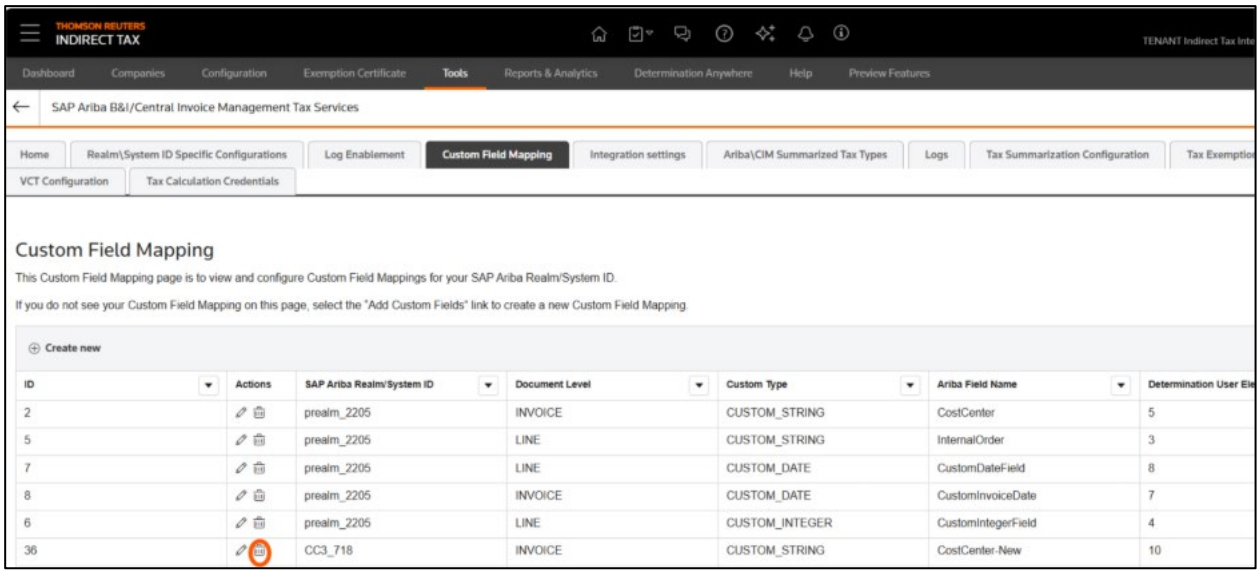
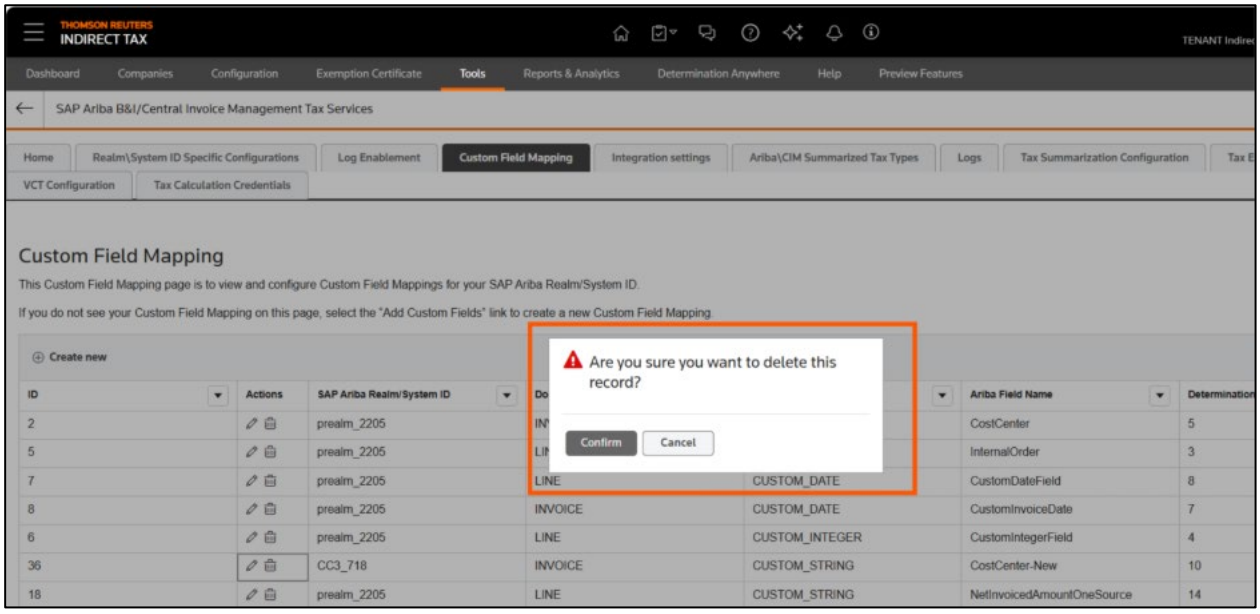


2. You will be prompted to confirm the action.



3. Click on ‘Confirm’ button to continue to delete the mapping. You would see the message confirming the deletion and display grid would not show the entry that has been deleted.

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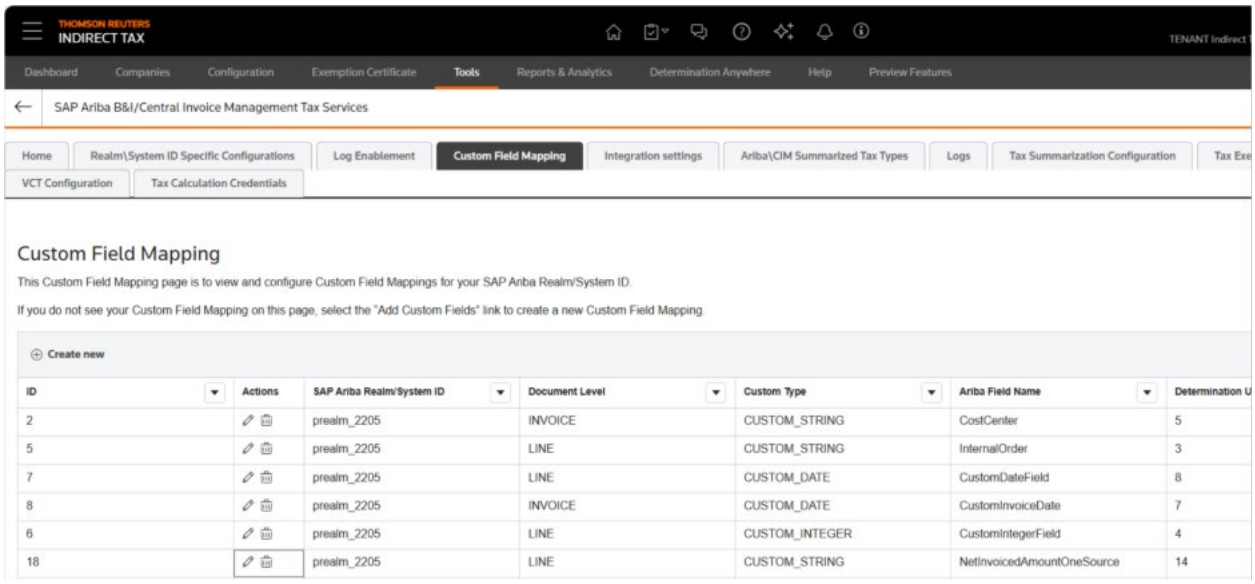


Ariba CIM Integration Settings

The ONESOURCE Integration Settings feature provides the option to maintain Health Check Entries settings and Tax Block Negation table. These settings are managed by Thomson Reuters for all enterprise cloud customers, and by your system administrator. Do not change them unless advised.

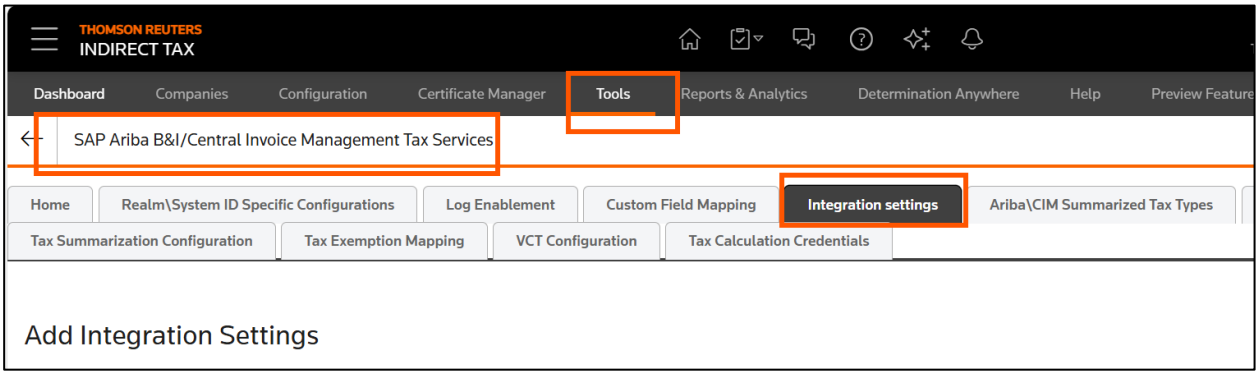
Health Check Entries

Two input fields are offered to enter maximum number of health check history entries and health check entries duration.

To configure health check entries and tax block negation table, please follow below steps:

1. Log in to ONESOURCE Global Tax for Ariba Central Invoice Management Solutions Integration UI.

On Home screen, click on Ariba Integration Settings.



2. You will be navigated to Add Integration Settings screen. This UI screen has sections for Health check entries set up and Tax block negation table. The highlighted in below screenshot shows the health check entries section.

   The default values you would see in the configuration are:

   Health Check Max History Entries (Number)=100

   Health Check Entries History Duration (Milliseconds)=300000

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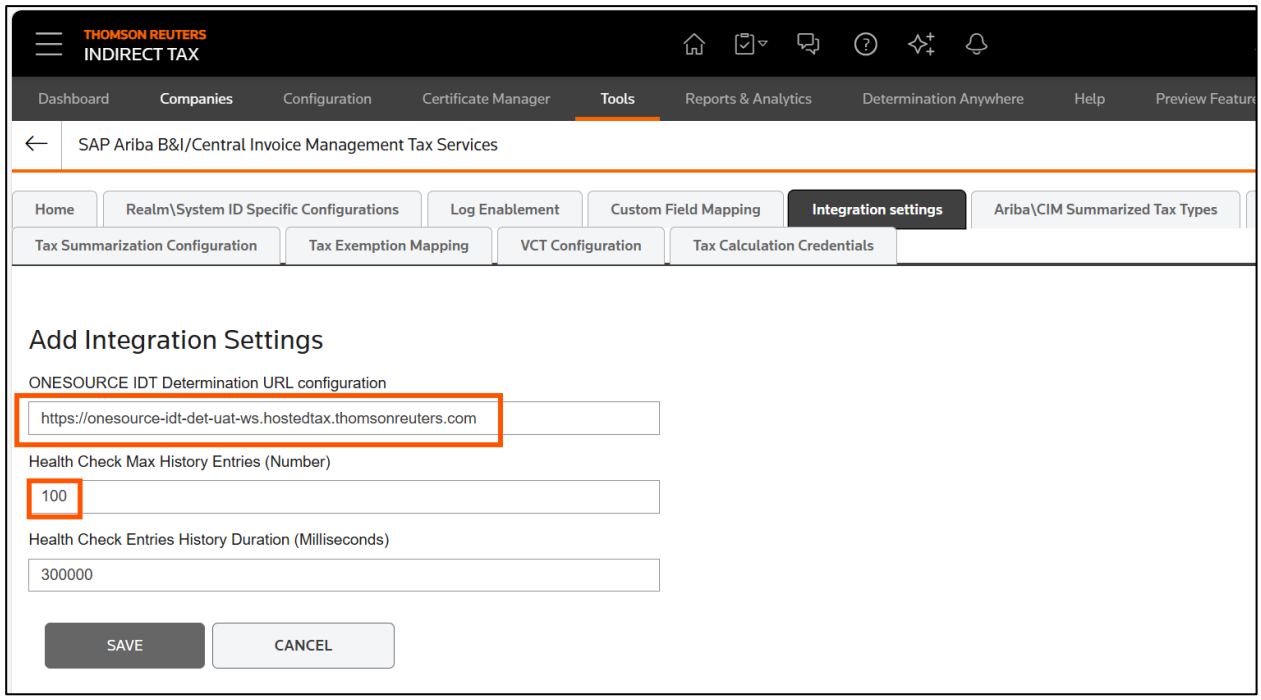
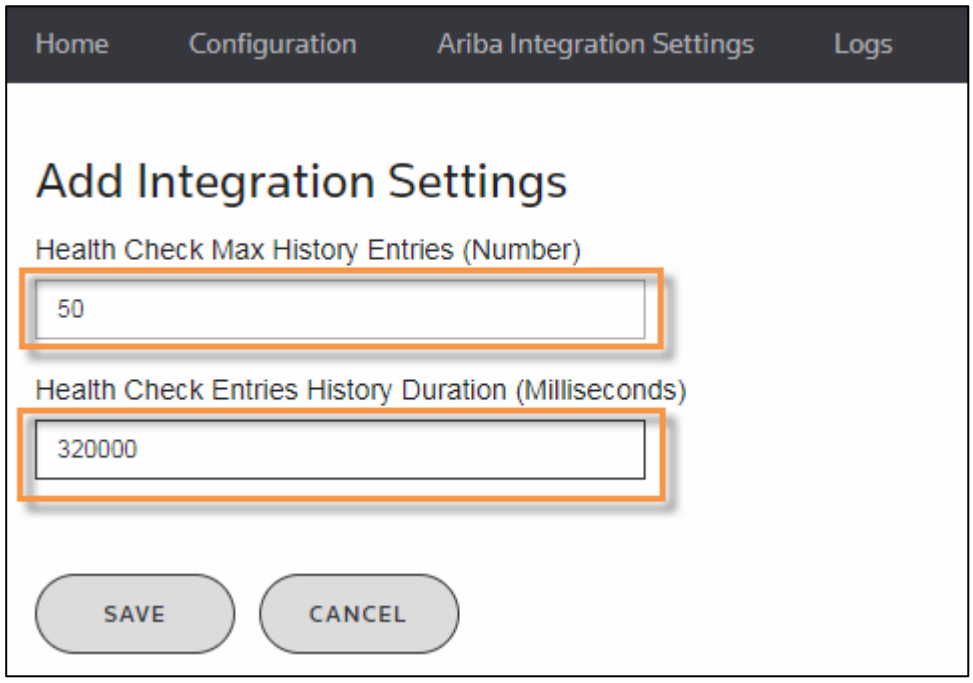


3. To update the default values, enter desired number (only whole number accepted) in both the Health Check Max History Entries (Number) and Health Check Entries History Duration (Milliseconds). Also enter the ONESOURCE Indirect Tax Determination tax URL received from TR-PS team as part of the customer on-boarding process.



4. Click on SAVE button and then click on “Confirm” button to make the changes. UI would show banner message that the entries are saved successful.

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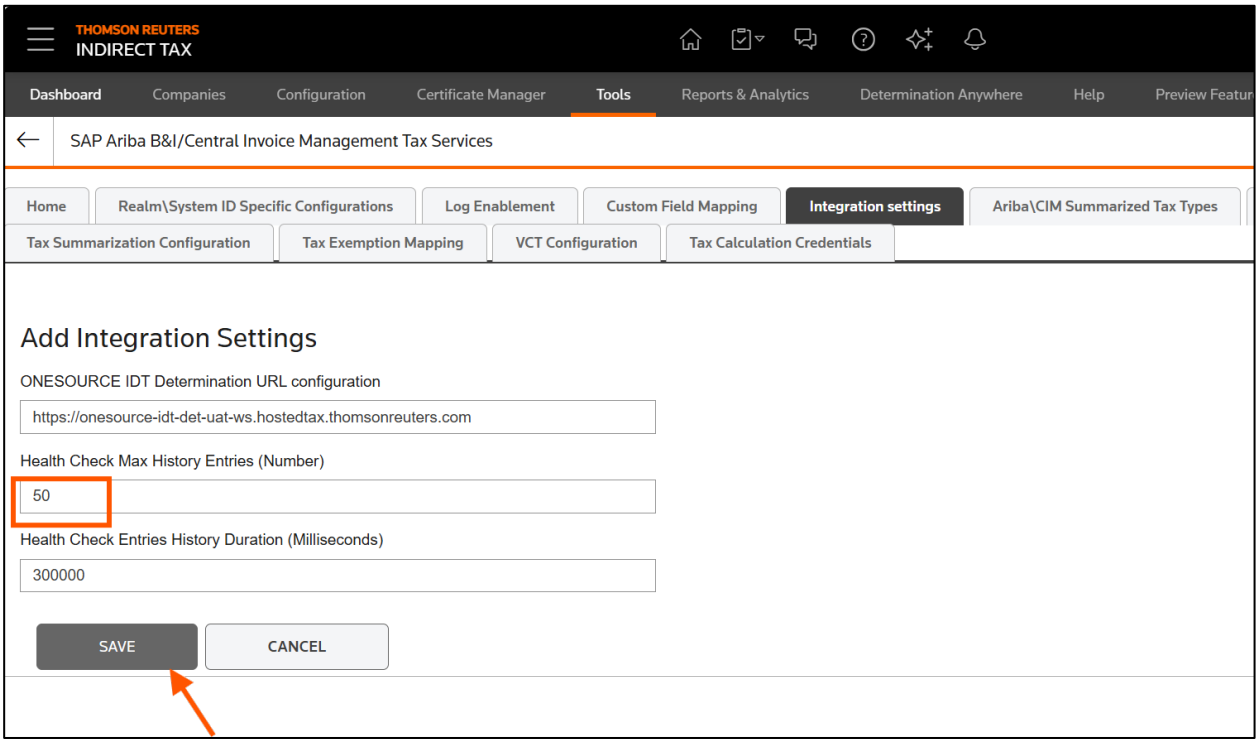
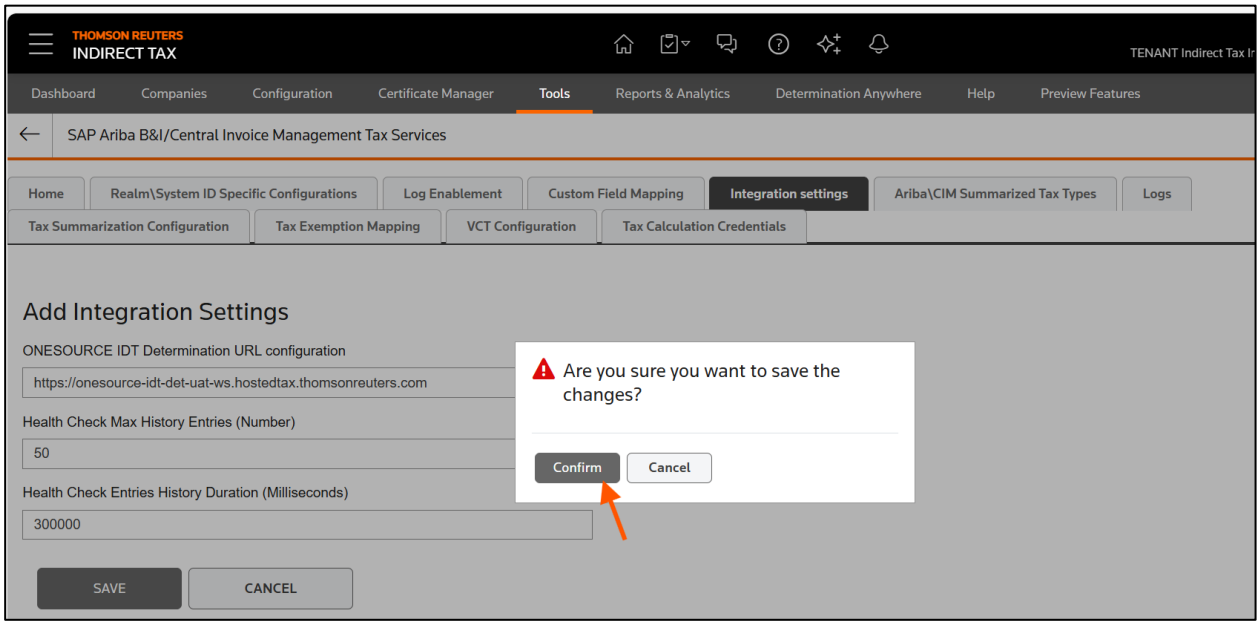
SAVE:



Confirm:



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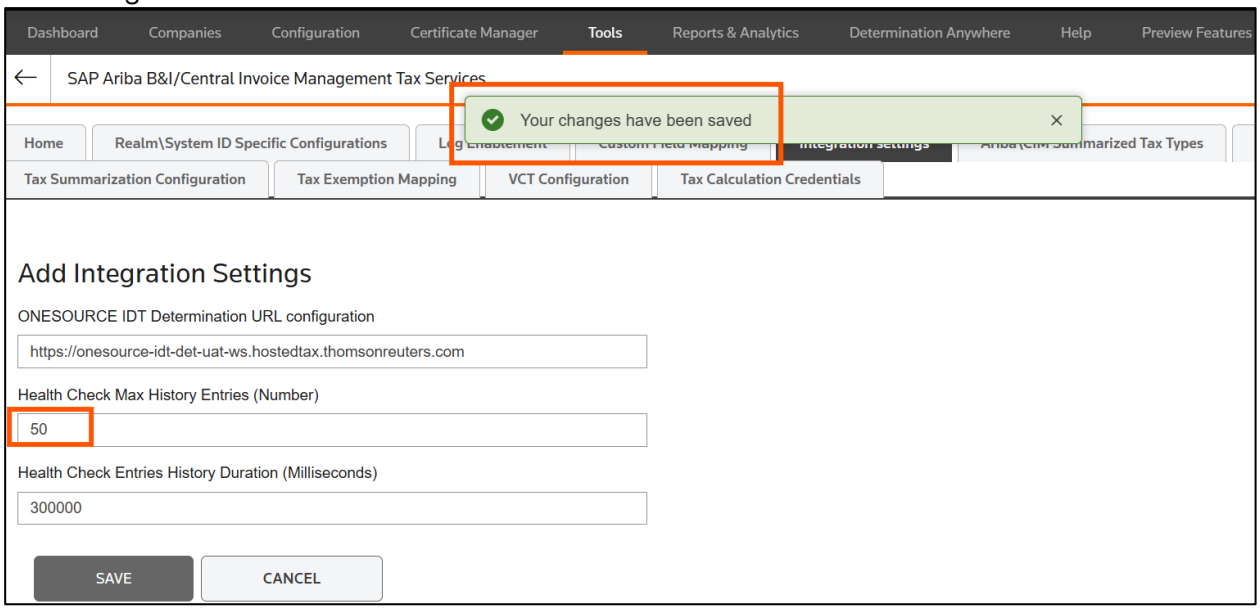
Your changes have been saved:



Tax Block Negation

Tax block negation table allows Integration users to set up negation logic based on ONESOURCE IDT Determination Tax Type and Tax Direction. Determination returns the tax type and tax direction for each tax block in its response. And Integration (ONESOURCE Global Tax for Ariba Central Invoice Management Solutions) negates the tax amount in a tax block based on the configuration found in this table for a tax type.
Integration negates the tax amount when the Tax direction is O (output).

The Integration UI is delivered with below tax block negation table:

TAX TYPE	DIRECTION
AC	O
ER	O
IM	O
IR	O
RC	O

NOTE: ONESOURCE Global Tax for Ariba Central Invoice Management Solutions OP Users, may contact Thomson Reuters ONESOURCE Customer Support for any questions on modifying (update, edit, delete) the entries in the table.

Update Tax Block Negation

To modify the tax block negation table, please follow the steps below:

1. Log in to ONESOURCE Global Tax for Ariba Central Invoice Management Solutions Integration UI.
2. On Home screen, click on Ariba Integration Settings.
3. You will be navigated to Add Integration Settings screen where you can see Tax Block negation table with default values.

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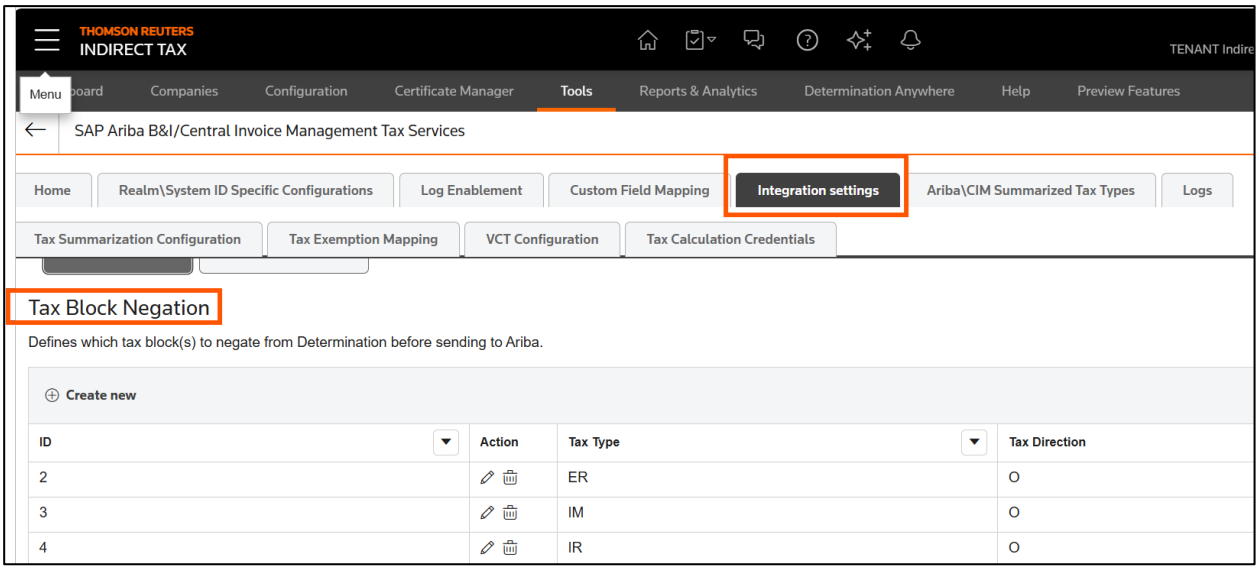
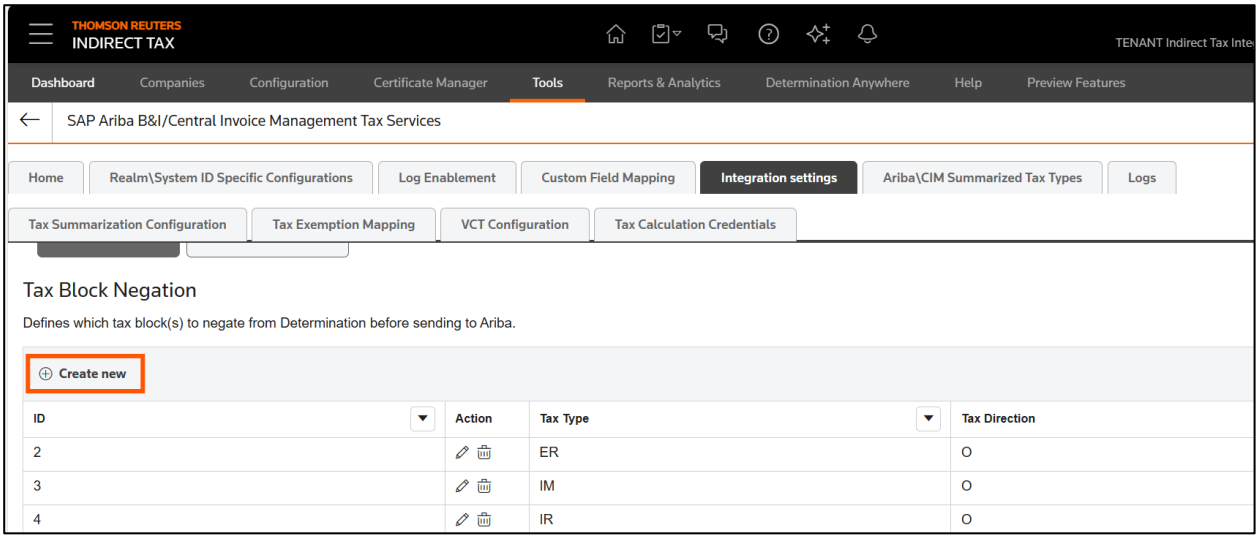


Add New Entries

1. To add new entries, click on Create New button.



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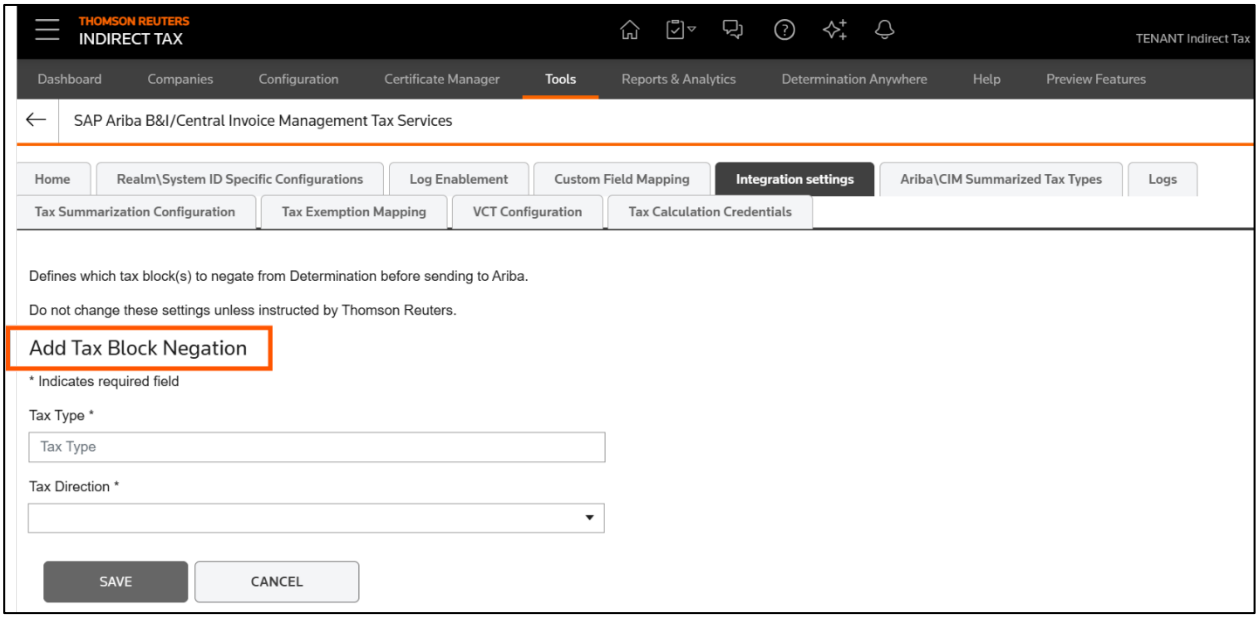
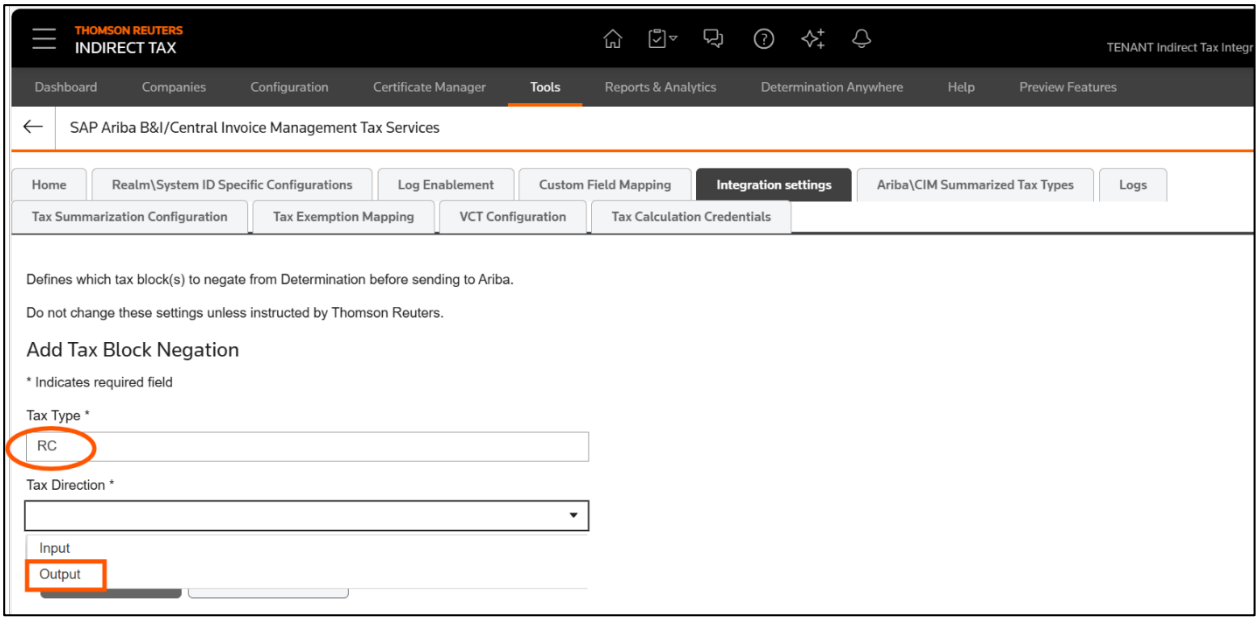
You will be navigated to Add Tax Block Negation screen.

a. Enter Tax Type to be added (these should be standard tax types defined in ONESOURCE Determination).

b. And click on triangle button on Tax Direction drop-down list.



c. Tax Direction drop-down shows two default values input (I)and output(O).



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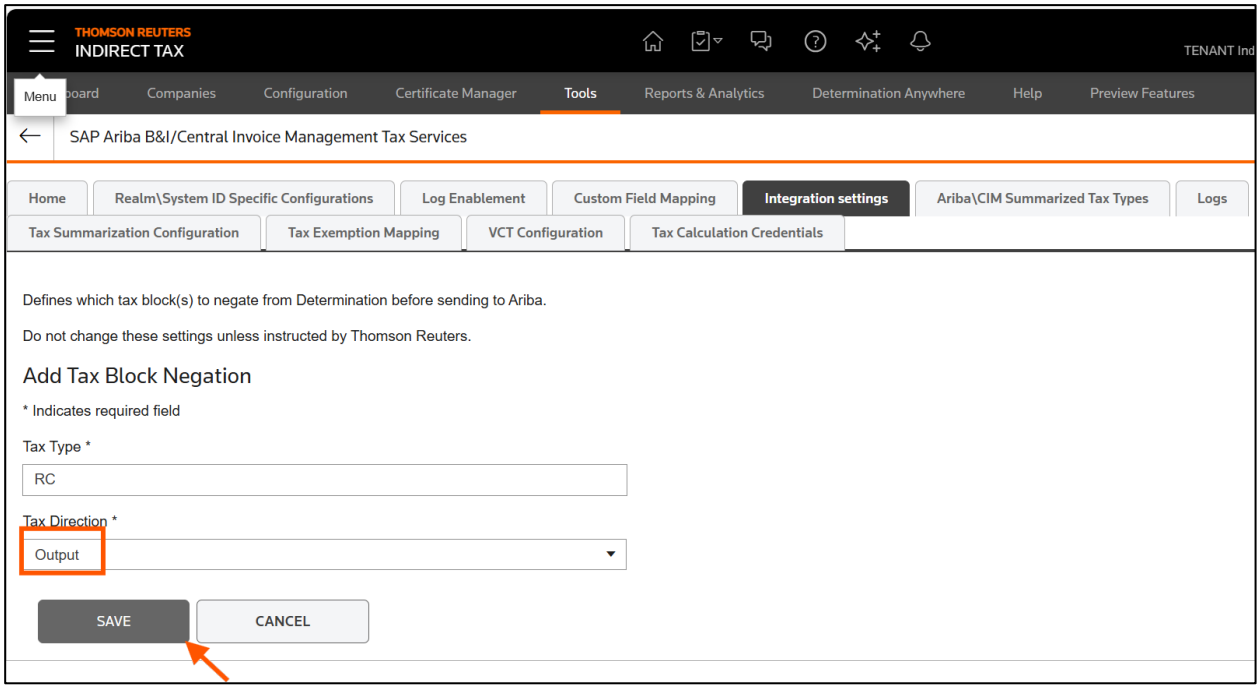
d. Select the direction (in this example)



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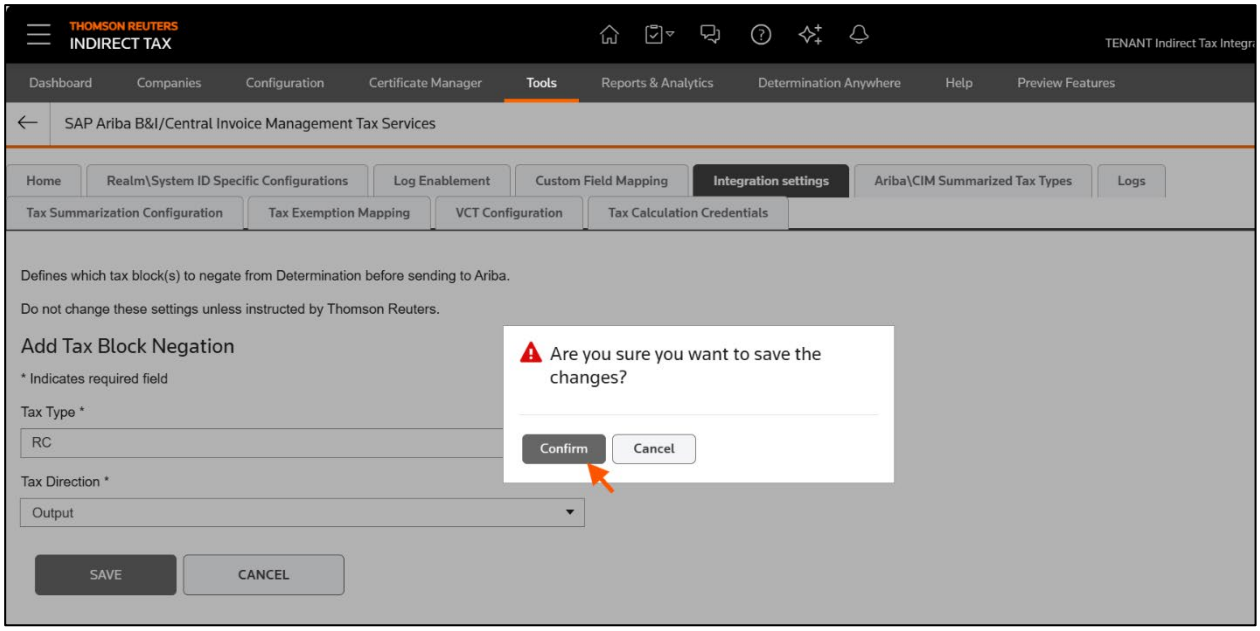
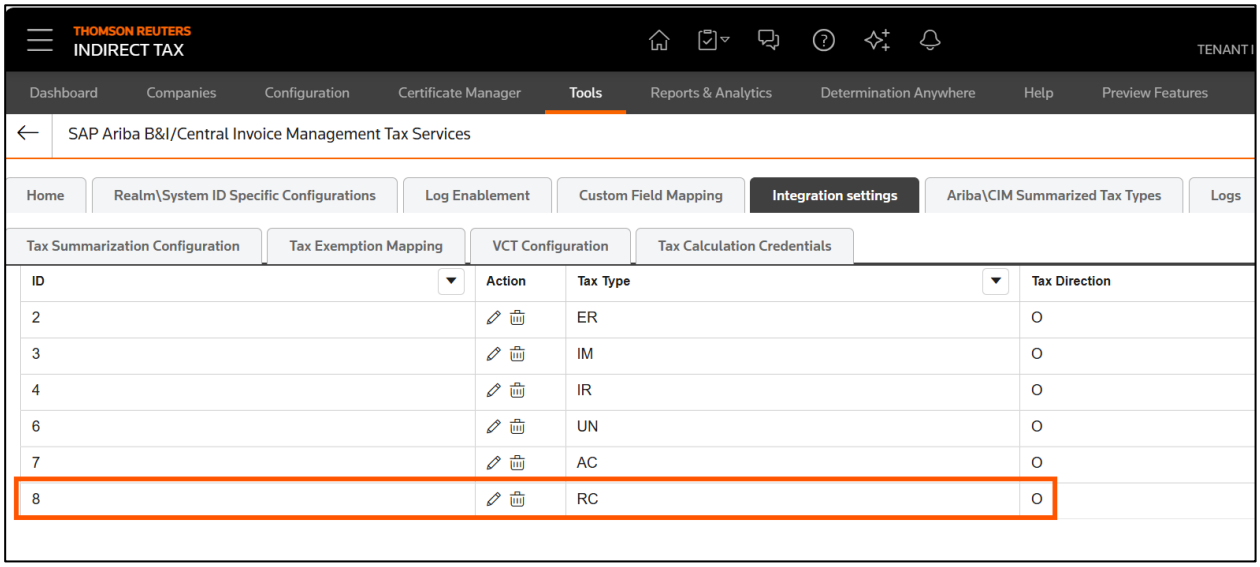
2. Click on SAVE button and then Confirm button. You will be navigated to Ariba Integrations Settings UI screen where the display grid under Tax Block Negation shows the entry that is added.





Edit Existing Entries

Let us say you have an entry with AC and Direction I. If you would like to make it correct where it is supposed to be AC and I follow below steps to edit the entry.

1. Click on Edit (pencil icon) on the row in the Tax Block Negation table for which you would like to make an edit.

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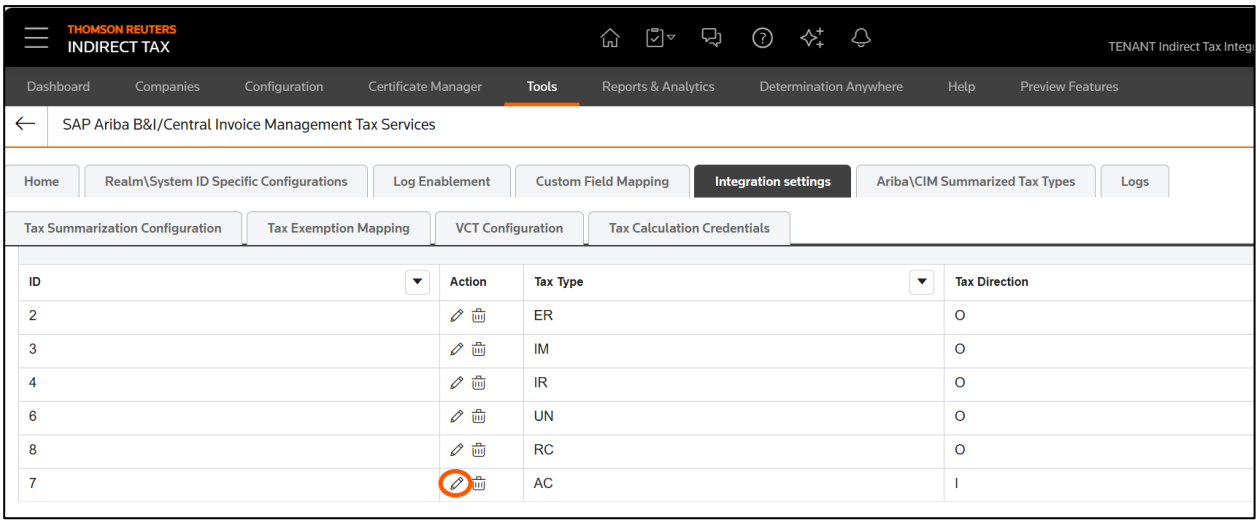
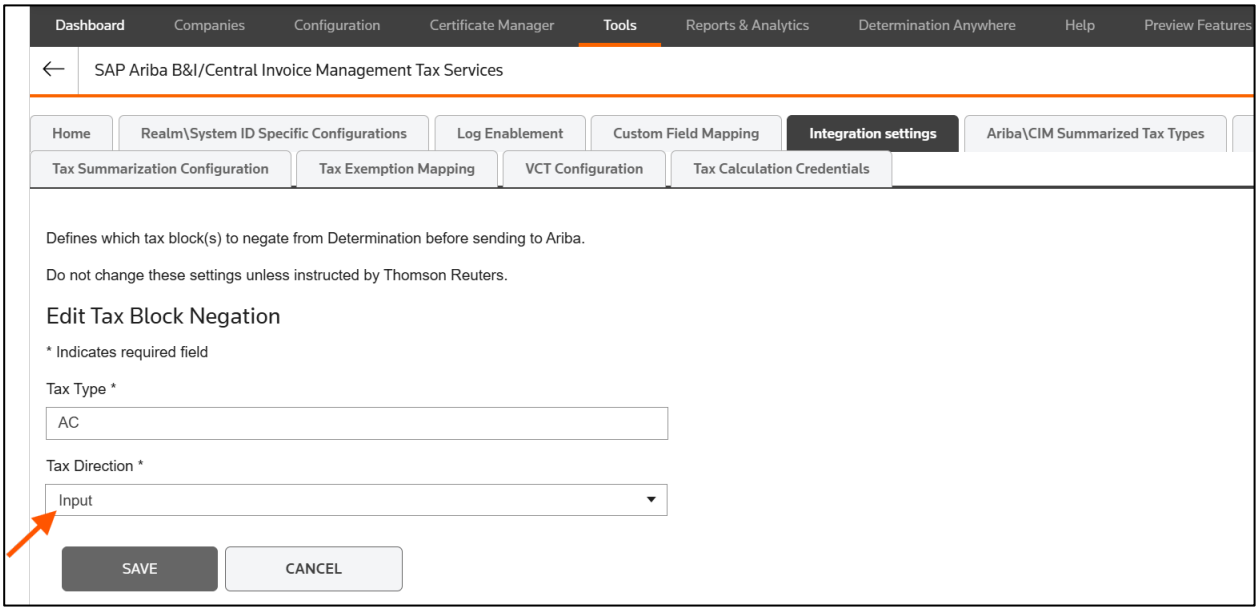


2. You will be navigated to Edit Tax Block Negation screen.



- Click Tax Direction triangle button on drop-down and select the direction (in this case it should be O)

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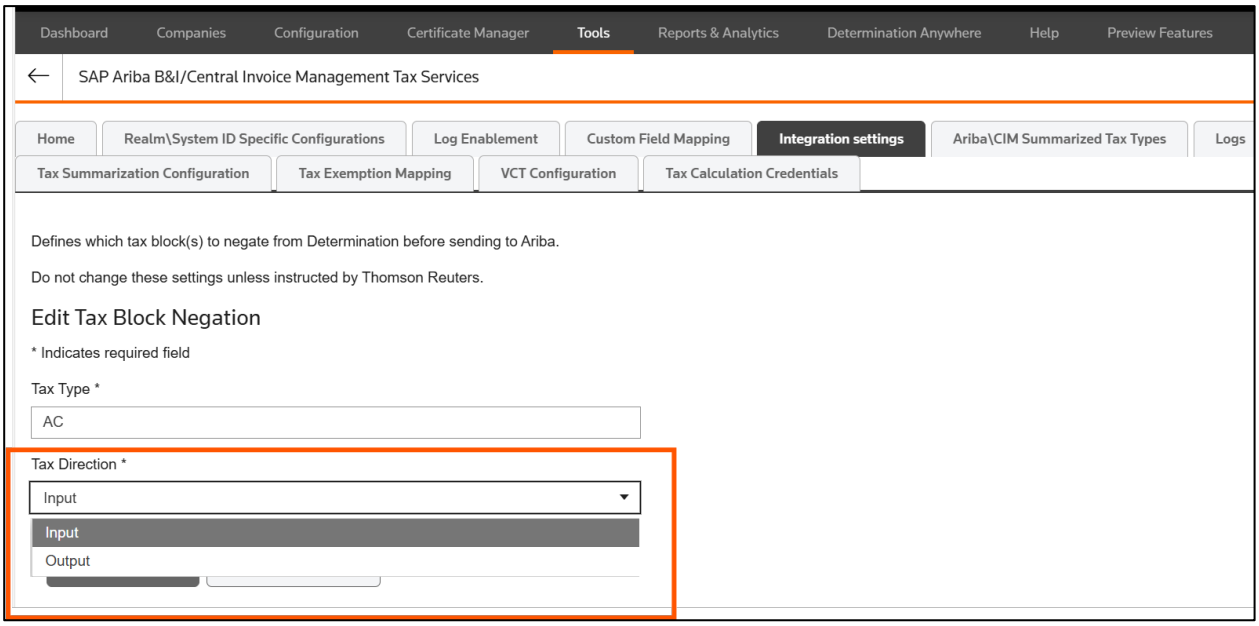
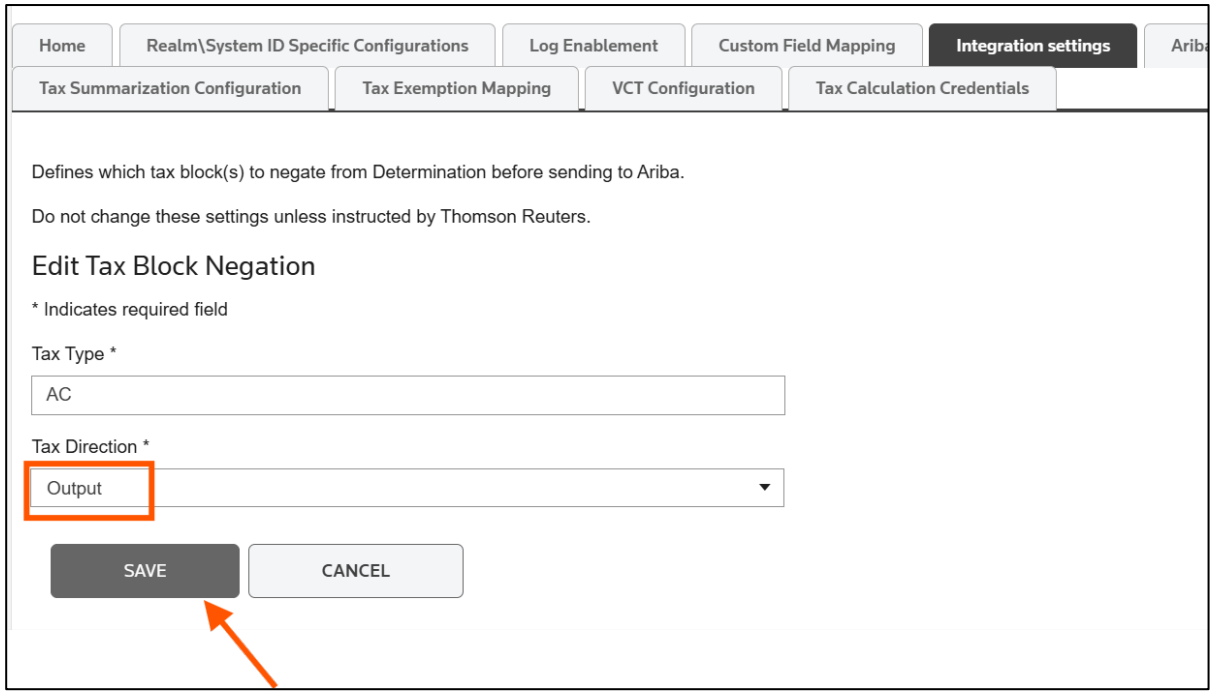


- Click on SAVE and then Pop-Up window opened to confirm “Are you sure you want to save the changes?



5.Click on ‘Confirm’ button and then You will be navigated to Add Integration Settings UI screen where display grid shows the updated value for tax type AC.

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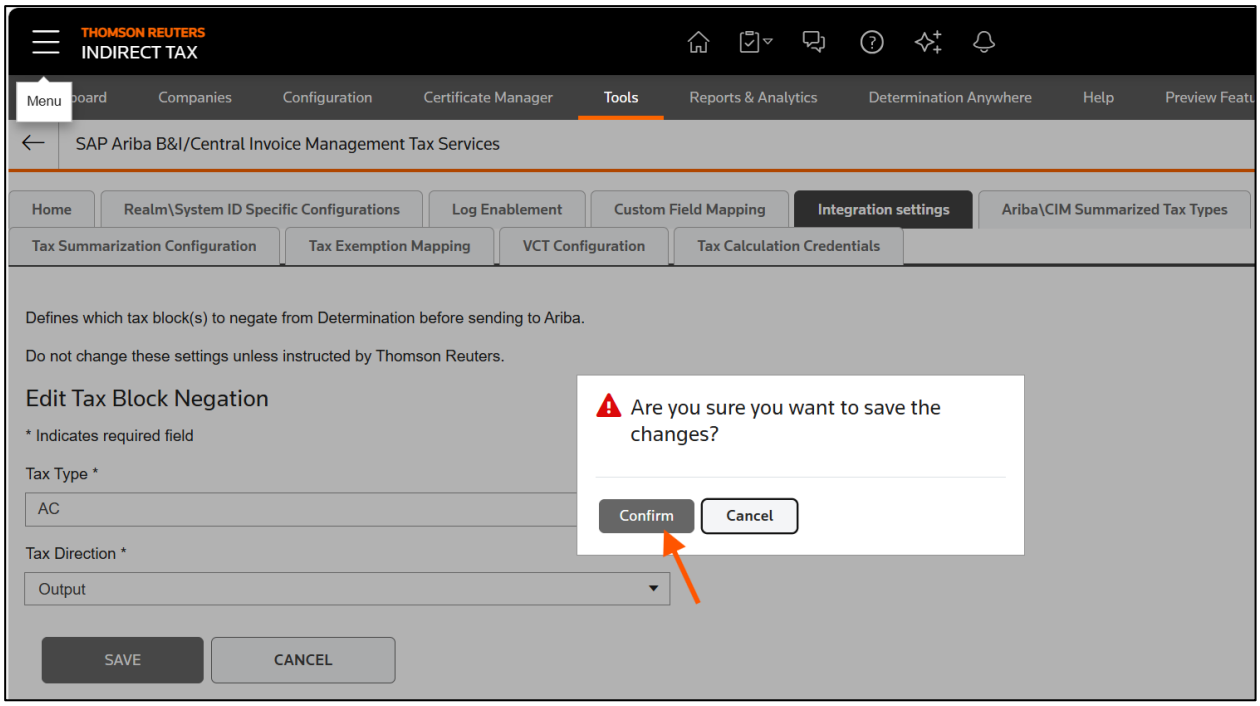

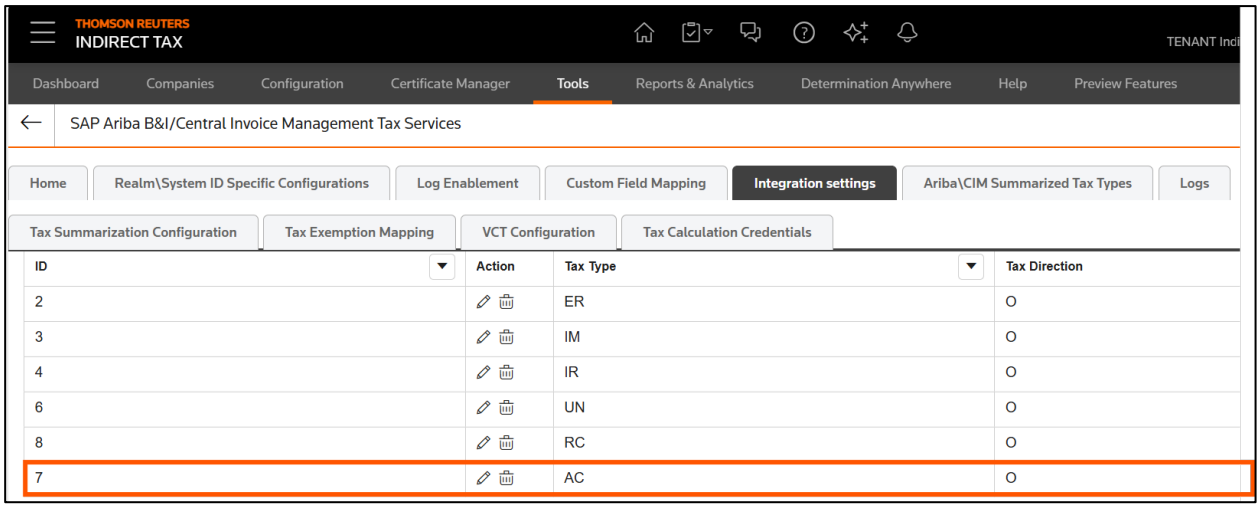

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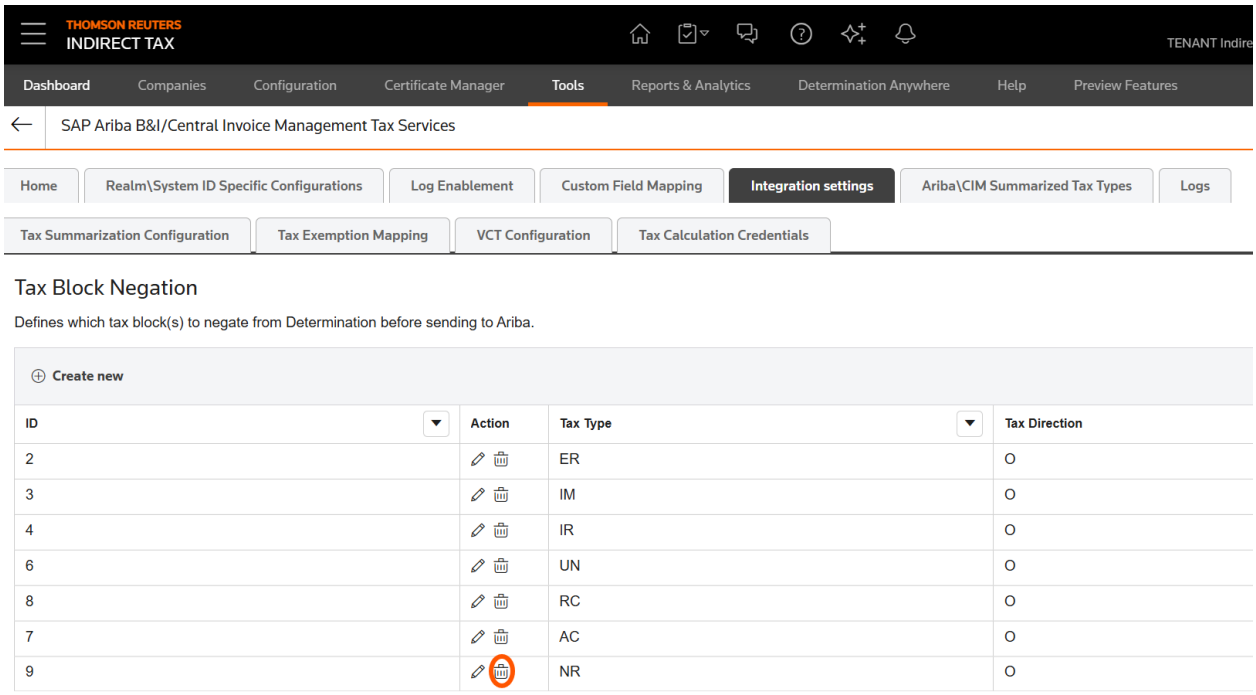
Delete Existing Entries

To delete any entry from Tax Block Negation table, follow these steps below.

1. Click on the Delete icon as shown in the screenshot below.



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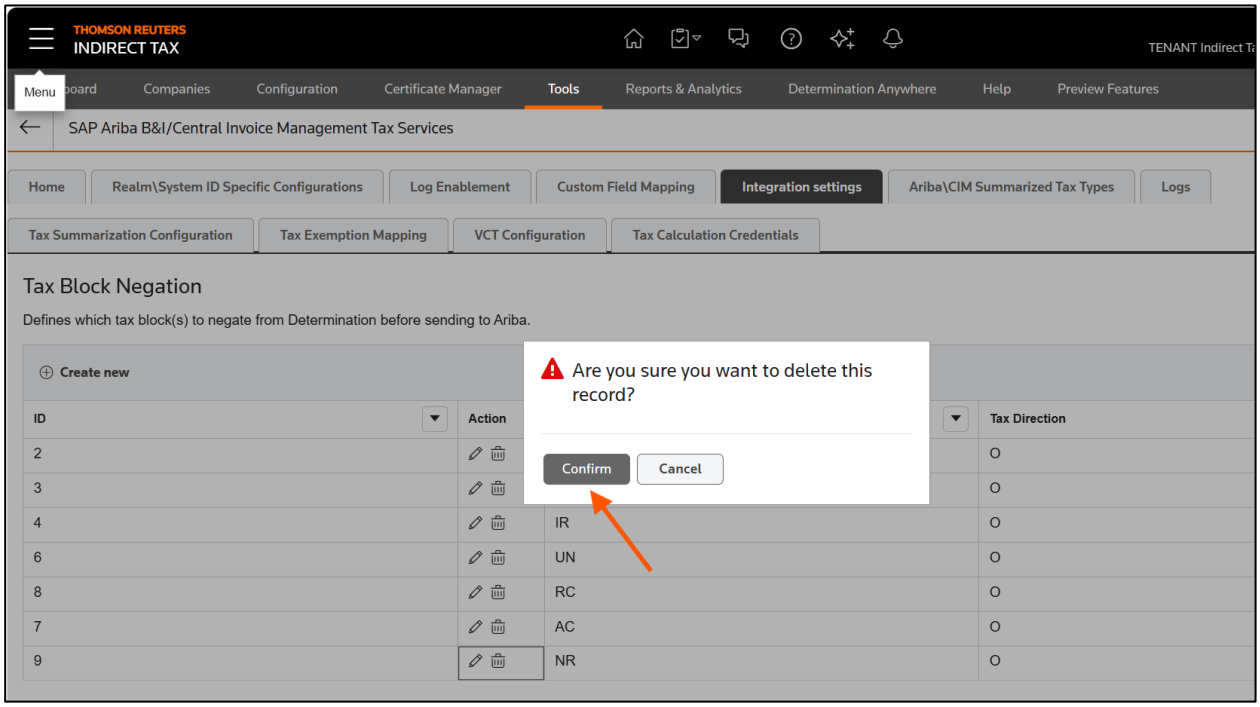
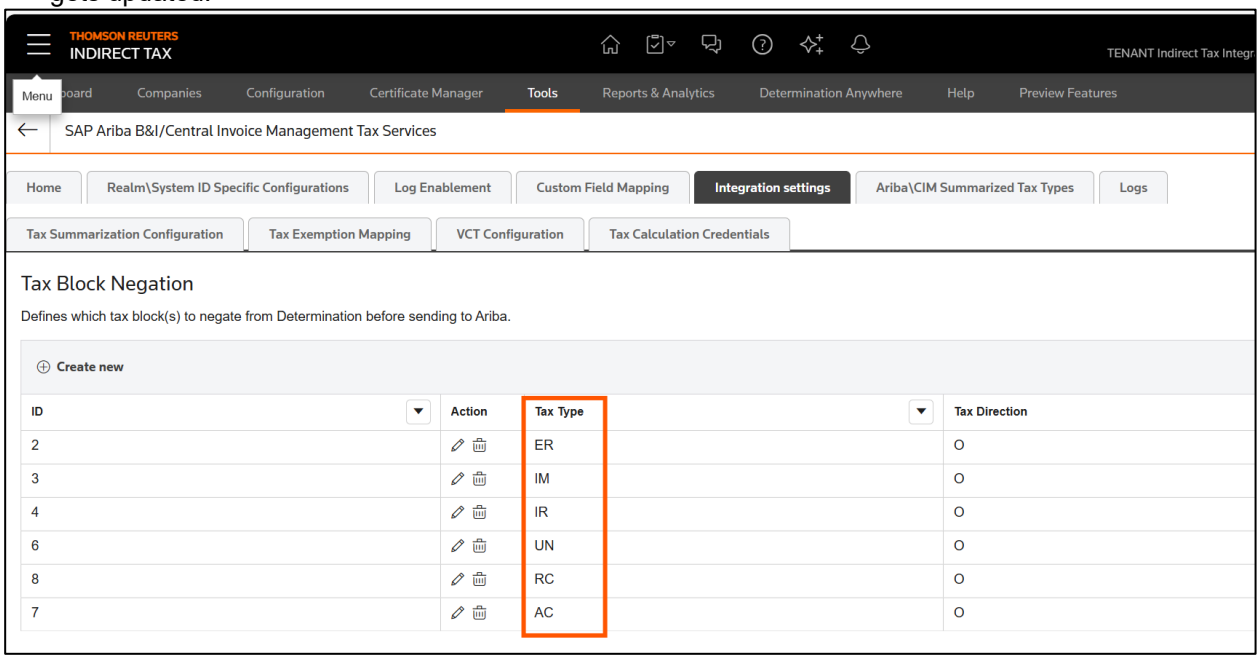
2. You will be promoted to confirm the action.



3. Click on “Confirm” button to successfully delete Tax Type ”NR”. You can view the display grid also gets updated.



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Ariba Summarized Tax Types

Ariba Summarized Tax Types is an Integration Database Table. This table helps Integration (ONESOURCE Global Tax) identify the summarized vs granular tax on the source system tax calculation request.

This table contains Ariba out of the box summarized tax types like **SalesTax** and **SUTTax** by default. The contents of the table can be seen on ONESOURCE Global Tax Integration User Interface screen **Ariba Summarized Tax Types Configuration** (Home **>** **Ariba Summarized Tax Types > Ariba Integration Settings**.

NOTE: There is no additional set up/configuration required by Integration users and please do not edit/delete the default contents of this table.

NOTE: If for any reason like new taxable country being supported by ONESOURCE Global Tax or new Ariba tax type introduced in Ariba Central Invoice Management Buying Solution and that tax types are required on this table, then it can be extended by using add/edit options on the Ariba Summarized Tax Types Configuration UI screen.

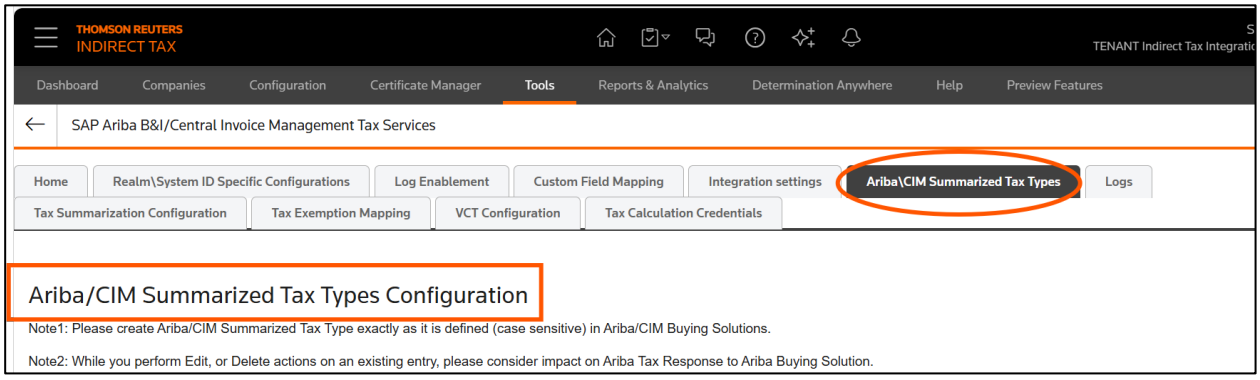
NOTE: ONESOURCE Global Tax Integration Cloud version users need to request Thomson Reuters Professional Team or Customer Support for changes (adding new entry) to this table.

On Premise users with role **Integrations Admin** will have authorization to make changes to this table.

Please follow the steps below to make changes to the table (add/edit/delete).

Add New Entries

1. Log on to ONESOURECE Global Tax Integration User Interface.
2. Navigate to click on Home **>** Ariba Integration Settings **>** Ariba Summarized Tax Types



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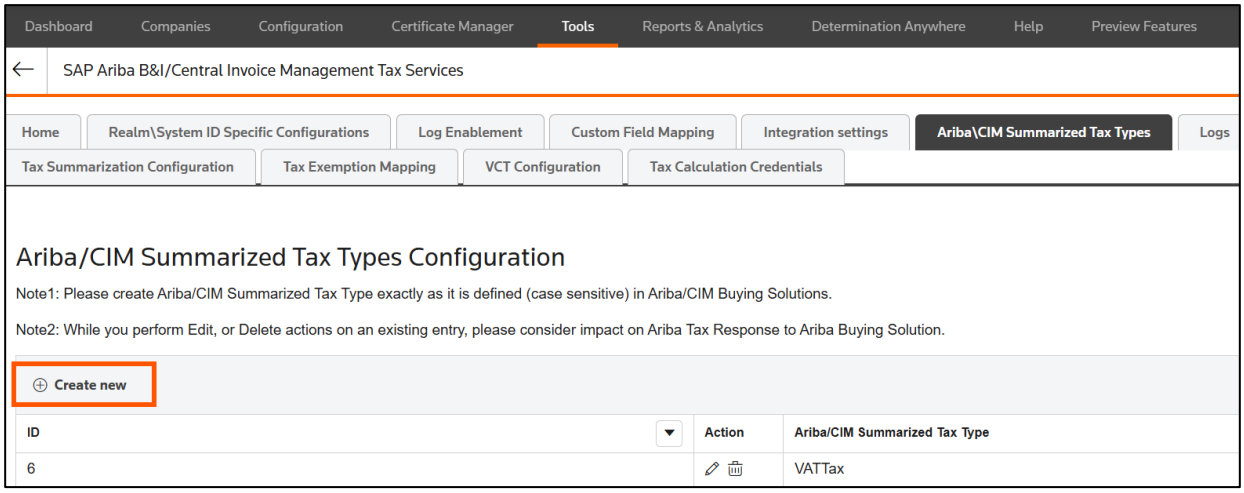
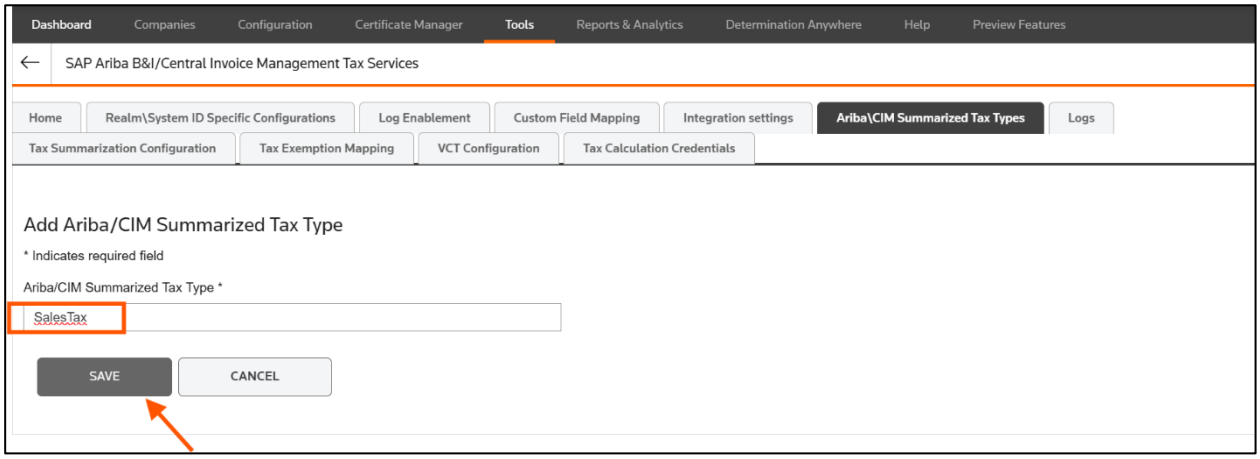
3. Click on the 'Create new' button to add Ariba/CIM Summarized Tax Types .

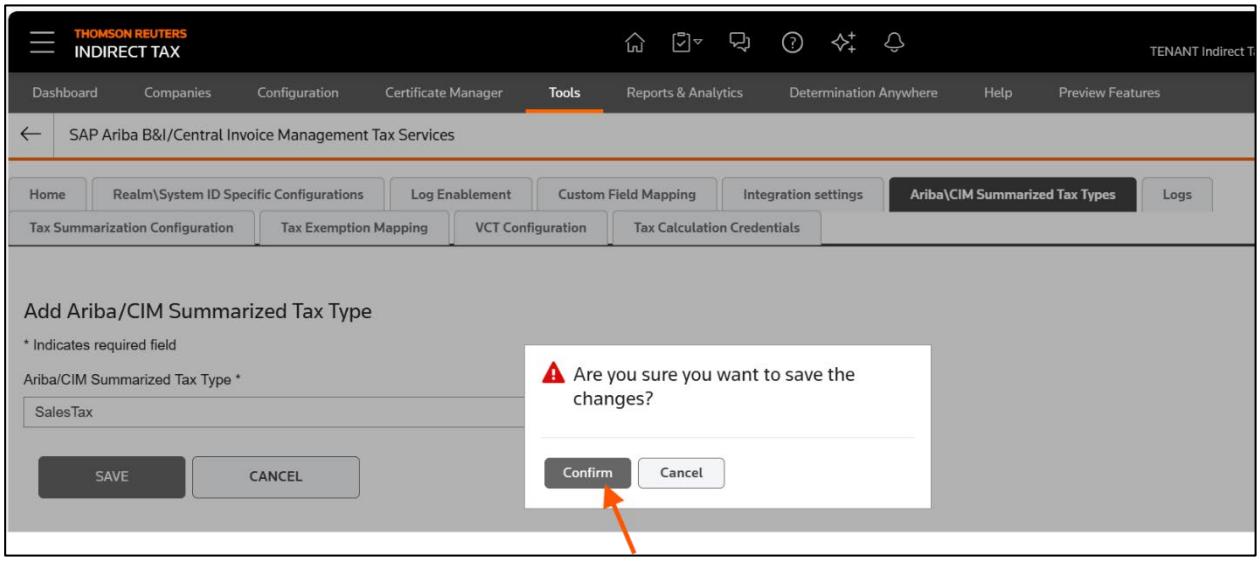


4. Enter Ariba Tax Type name in the input field.



5. Click on SAVE button to continue to add the entry (CANCEL button aborts the change and takes you to main screen).

6. A pop up shows up for confirmation. Click on 'Confirm' button to confirm the change.



7. The newly added entry will be shown in the grid on the main screen.

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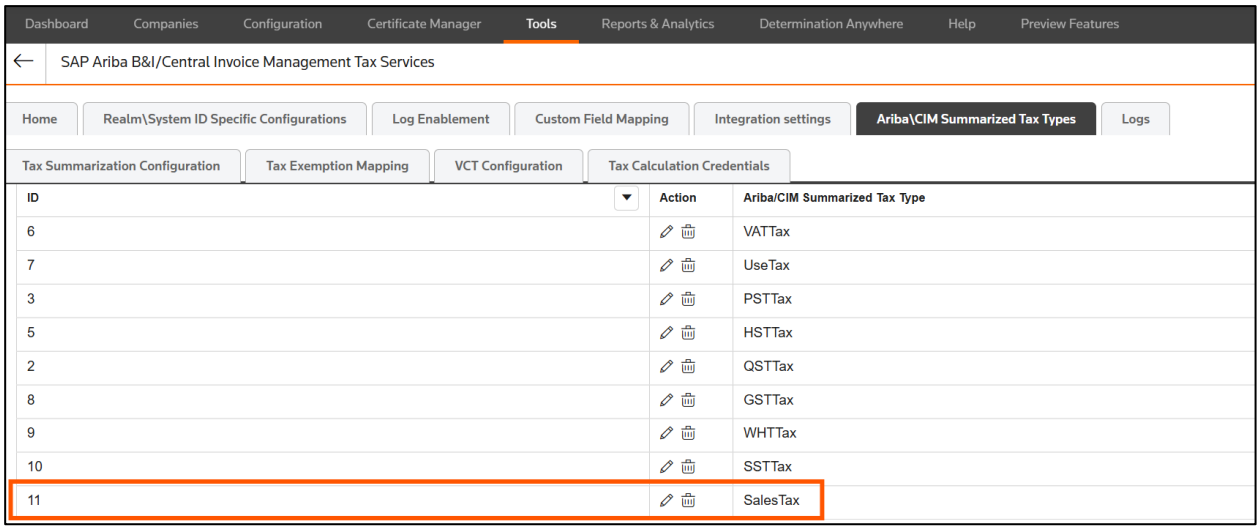
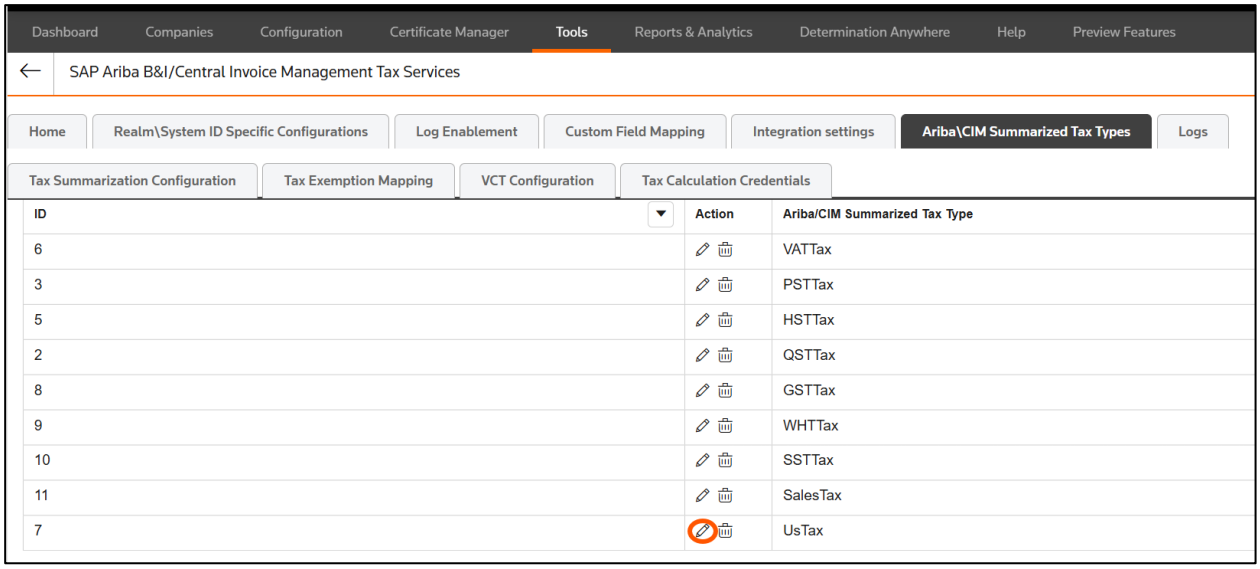
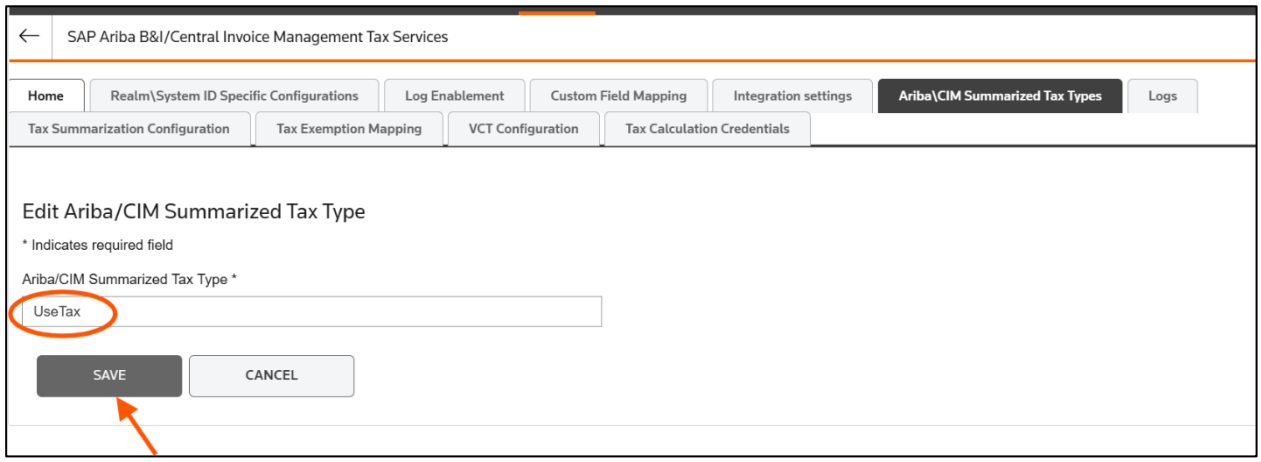


Edit Existing Entries

1. Click on Edit button on the grid entry (Ariba Summarized Tax Types Configuration UI Screen) as shown below.



2. Update name of the Ariba tax type in the input field.



3. Click on SAVE button (CANCEL button will abort the change and takes you back to main screen).

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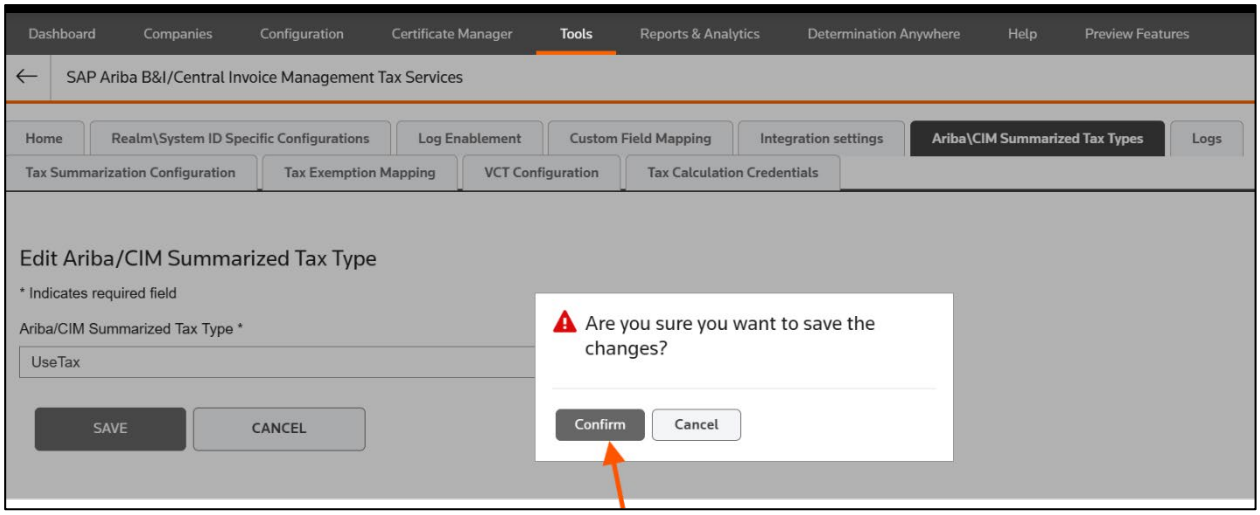
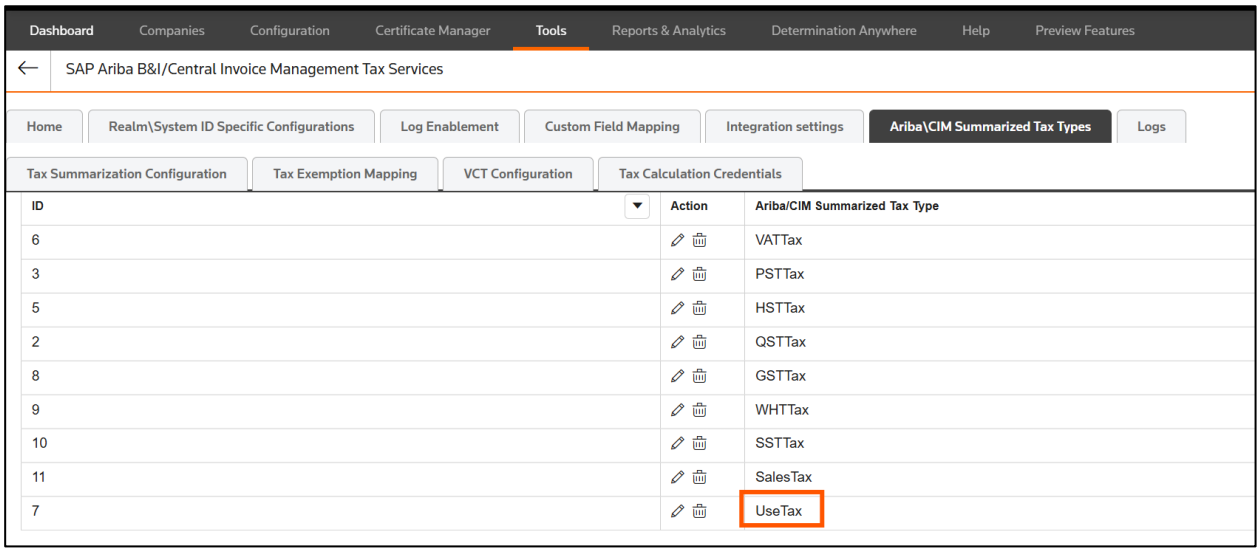
4. A pop up shows up prompting confirmation. Click on Confirm button to continue (NO button will take you back to Edit screen).



5. Change will be reflected on the main screen in the screen grid.



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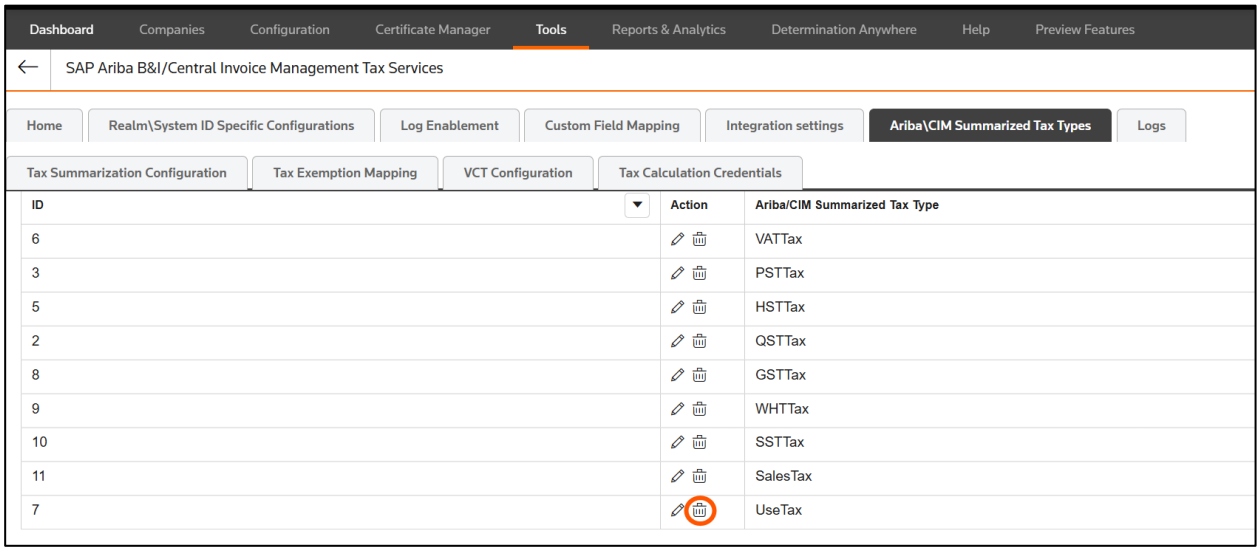
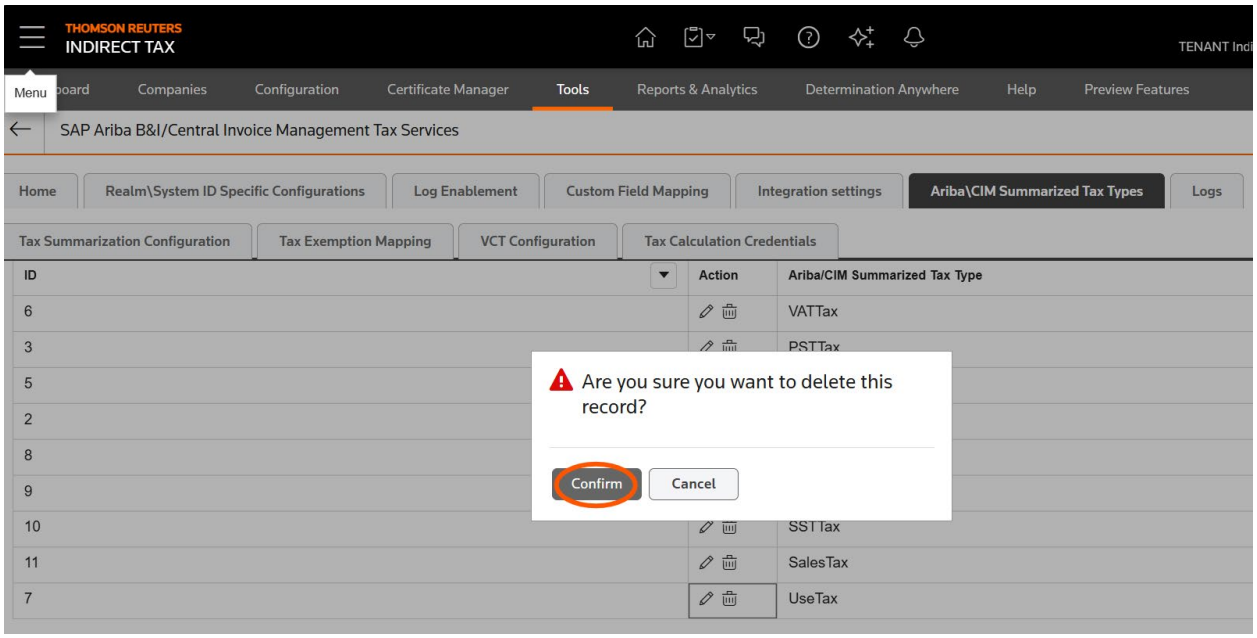
Delete entries

1. To delete an entry, click on delete icon as shown below.



2. A pop up appears for confirmation of action. Click on Confirm button to continue (NO button will abort the change)



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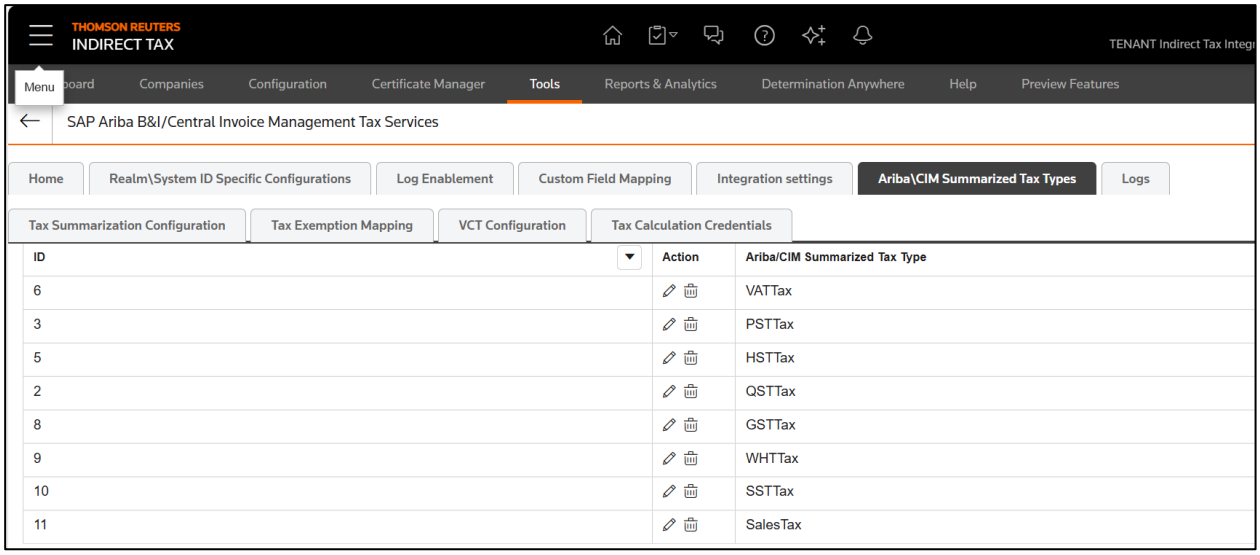
3. Display grid on main screen will reflect the changes. After deletion, the entry will be deleted from the database and will not be shown on display grid.



Transaction Logs

ONESOURCE Global tax for Ariba Central Invoice Management Solutions offers transaction logging capability once logs are enabled (Log Enablement) at desired level, Integration will generate logs for transactions processed. Users can search for transaction logs, view results on UI and download them in a zip format into their local system.

Integration UI screen for Logs offers different search criteria.

- Company Name: Pre-populated based on what Integration User has access for in Determination.
- External Company ID: This is an external company ID and pre-populated based on companies associated with User account in Determination.

NOTE: Company Name or External Company ID are required fields. Select either Company Name or External Company ID. Selecting one populates the other automatically. All other fields are optional but for faster results, enter more search criteria.

- Log Date and Time (From/Through): Dates can be entered manually, or Calendar tool can be used. Input fields Start time and End time are available.
- Search string: User can enter anything relevant to transactions.
- Ariba Central Invoice Management Document Number (Ariba Central Invoice Management ID of the Purchase Requisition/Invoice Reconciliation Document)
- Document Type: These are the document types in Ariba Central Invoice Management Buying Solution from which tax calculation requests are originated.

NOTE: Users with Integrations Admin, Integrations Configurator and Integrations User can have access to logs. The companies for which a User can search against is determined by the User's permissions in the Determination.

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NOTE: Please make sure that External ID is maintained for Determination Company in ONESOURCE Determination system. Even one of the Determination Companies under a Tenant ID without External ID will cause issues as listed below on Integration UI:

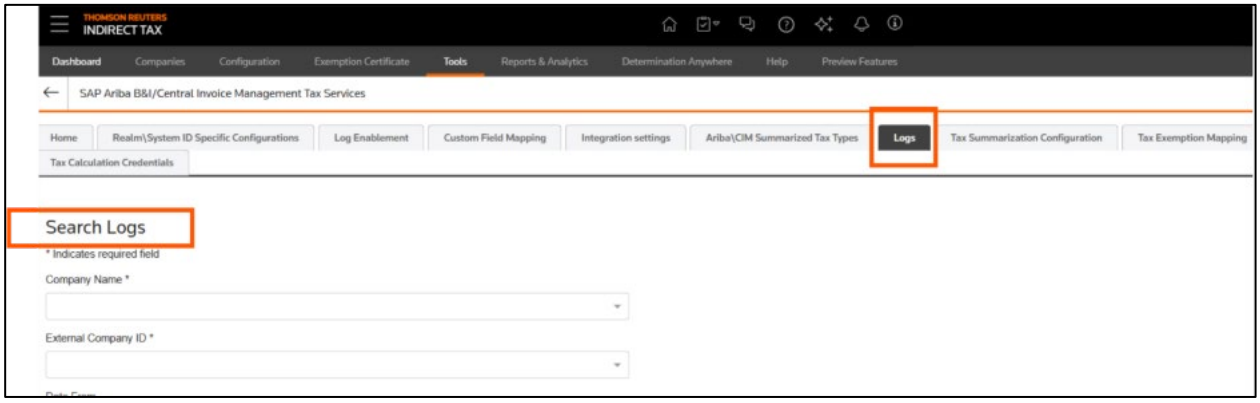
1. You would not be able to see all Determination Company values (under Company Name drop down on Search Logs Screen).

2. Integration would not be able to load values for External Company ID drop down (system may keep searching for results for unknown time).

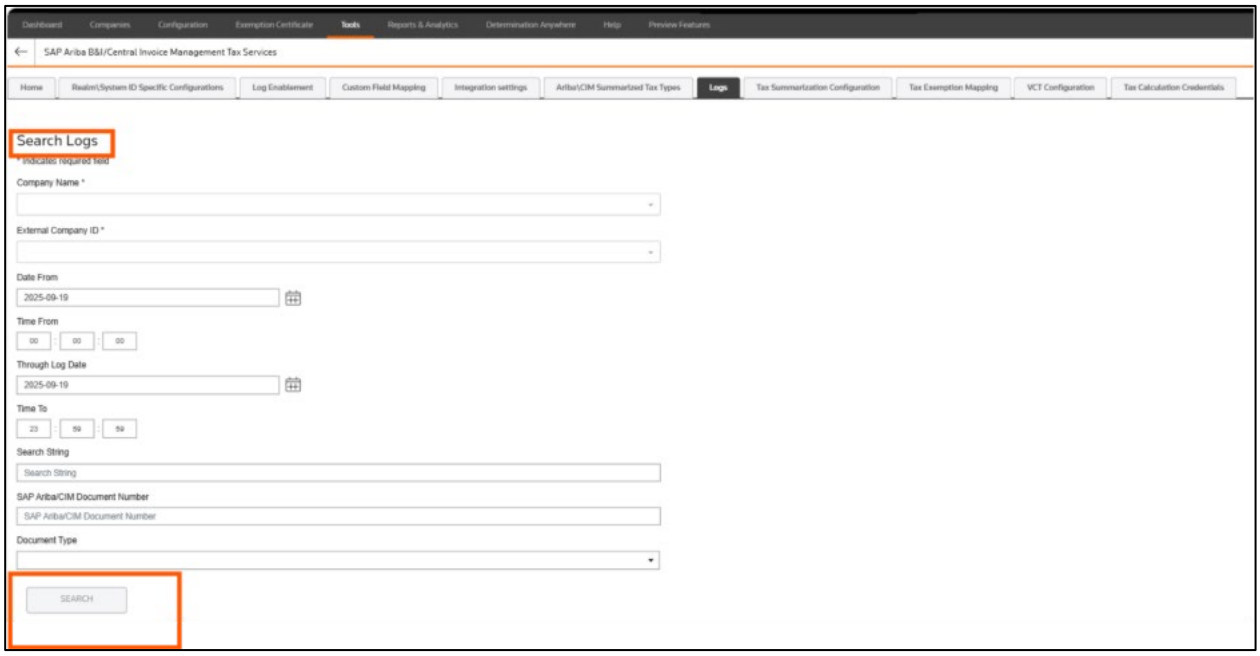
Display Transaction Logs

1. Log in to ONESOURCE Global Tax for Ariba Central Invoice Management Solutions common UI.

2. On Home screen, click on Logs.



3. You will be navigated to Search Logs UI Screen



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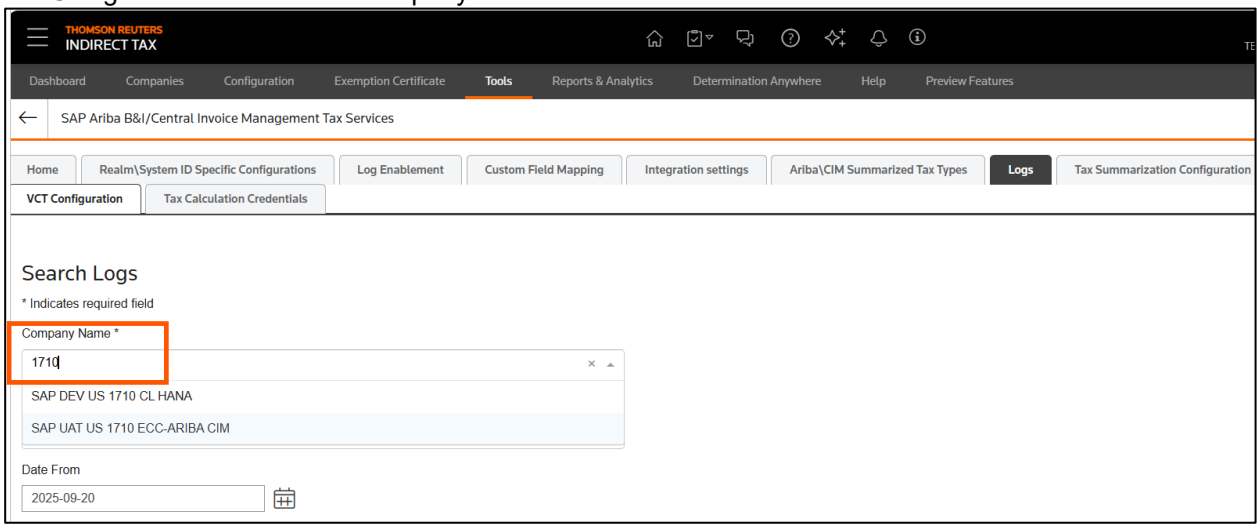
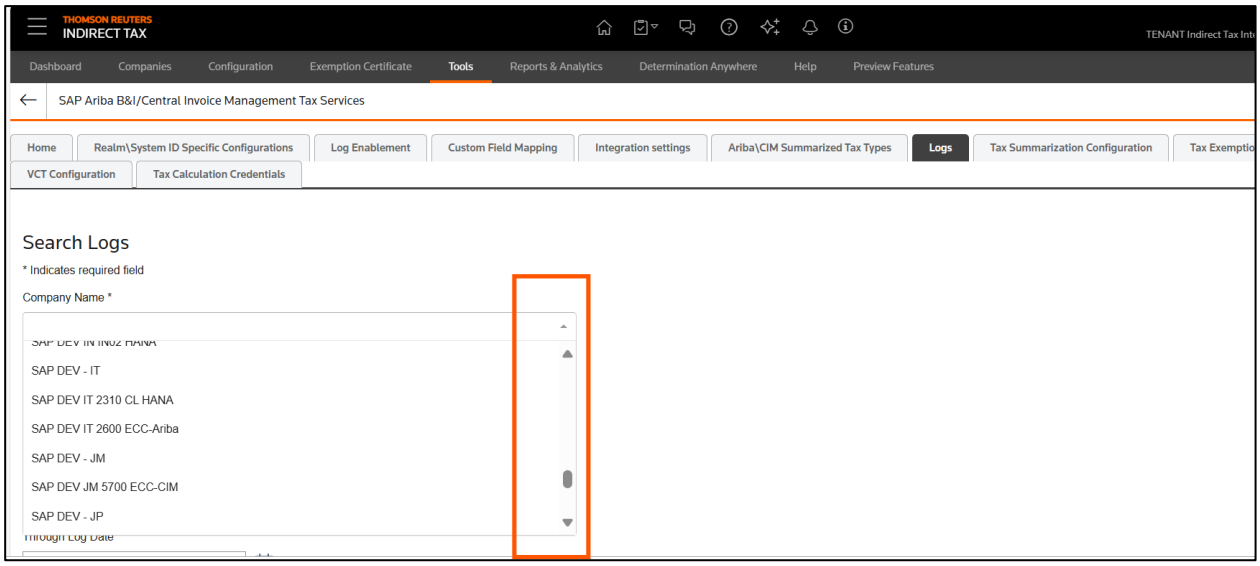
4. Select Company Name or External Company ID (required fields). You may search for company on the search bar on drop-down list or scroll through to find desired company (option a or b as shown below).

- Using search bar to find a company:



a) Using drop-down/scroll bar list to find company:



4.1 Click on the company you wish you search logs for once you find the entry. External Company ID will be populated automatically.

NOTE: If you would like to select External Company ID, follow steps 4 and 5. Company Name will be populated based on your selection of external company ID.

4.2 Enter Date and Time. Enter Log Date from and Through Date or select the dates from the calendar tool. To use calendar tool, click on the calendar icon and select the dates. To enter time use, Start Time input fields and enter time manually. End time will be populated automatically when you enter Date Through

4.3 Search string for example Ariba Realm /System ID “0M1V706”.
4.4 Enter Document number if you would like to see log for a transaction.

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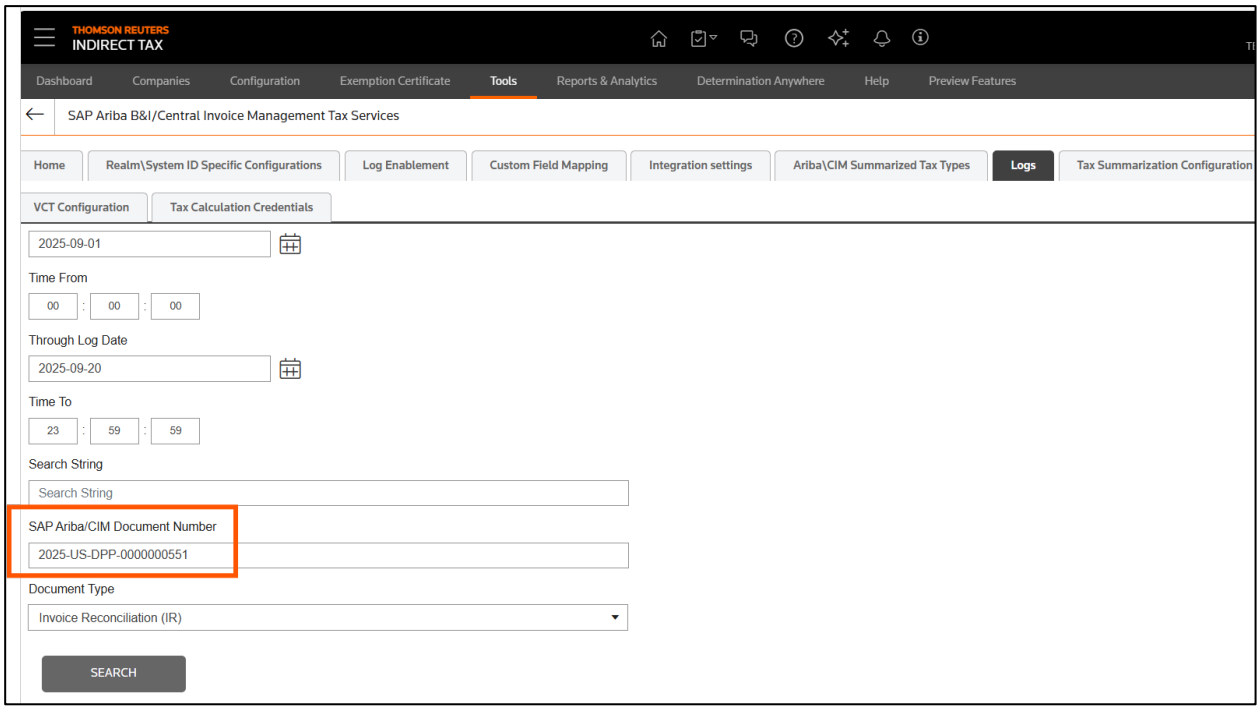

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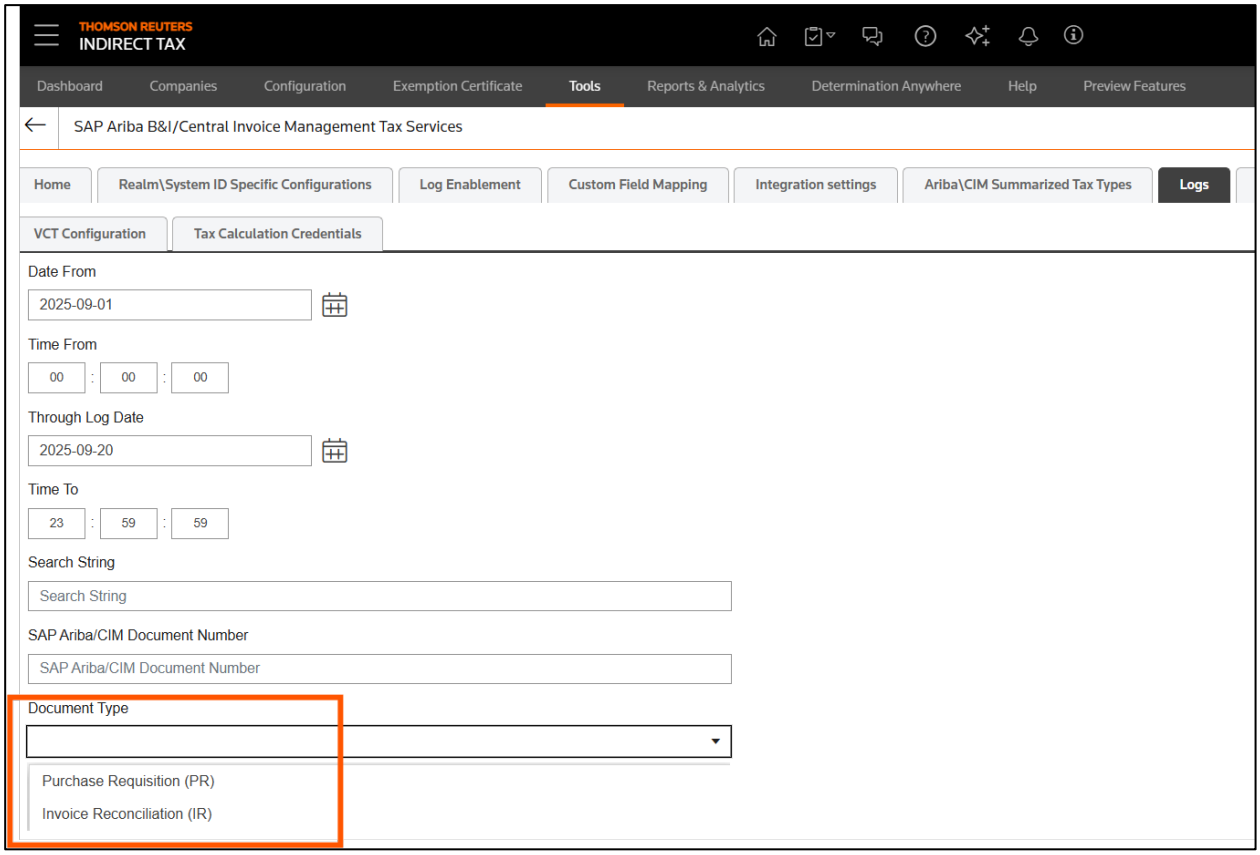
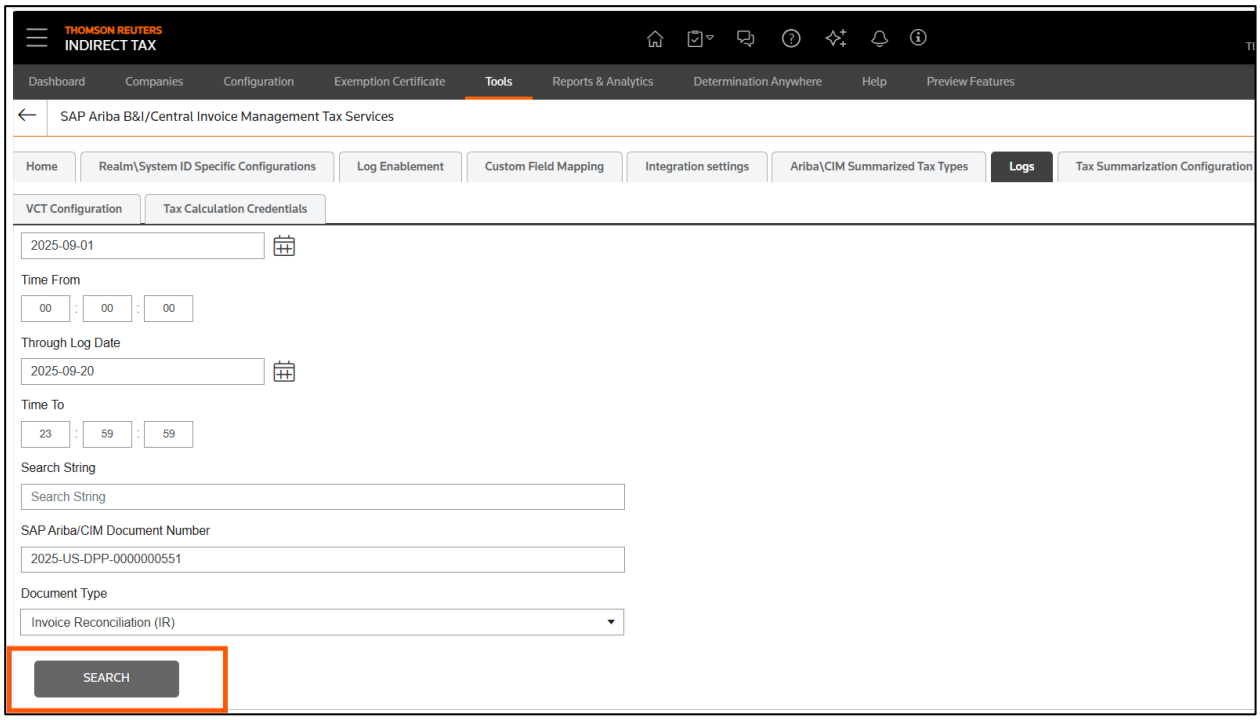
4.5 Select the Document type to restrict the search to a document type.



4.6 Click on SEARCH button to get the results.



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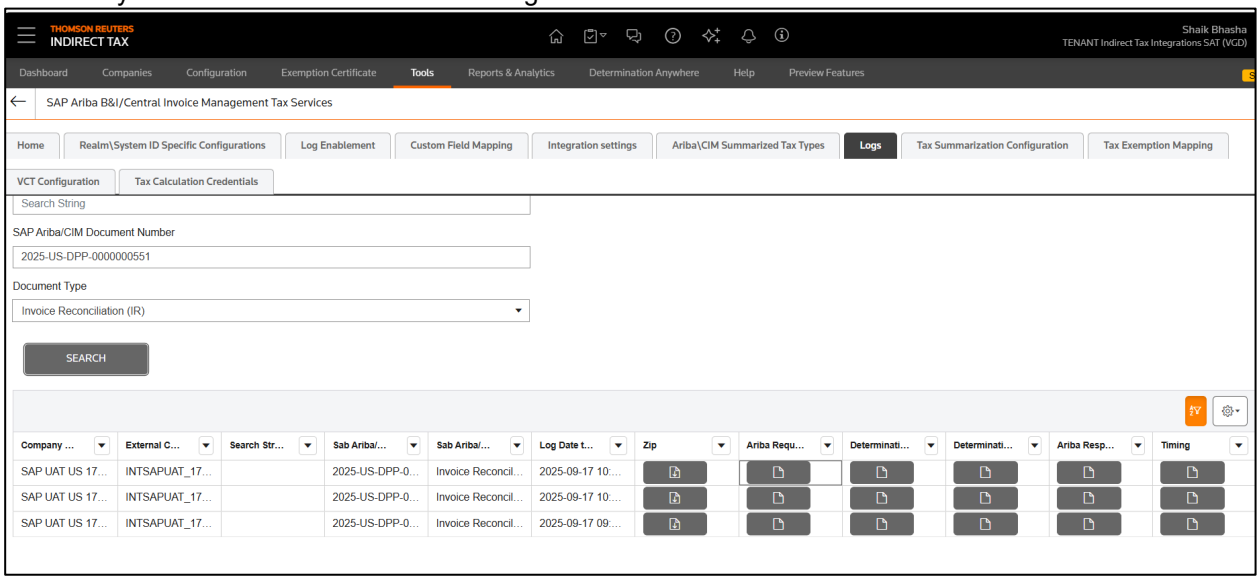
4.7 The system would fetch results according to the search criteria.

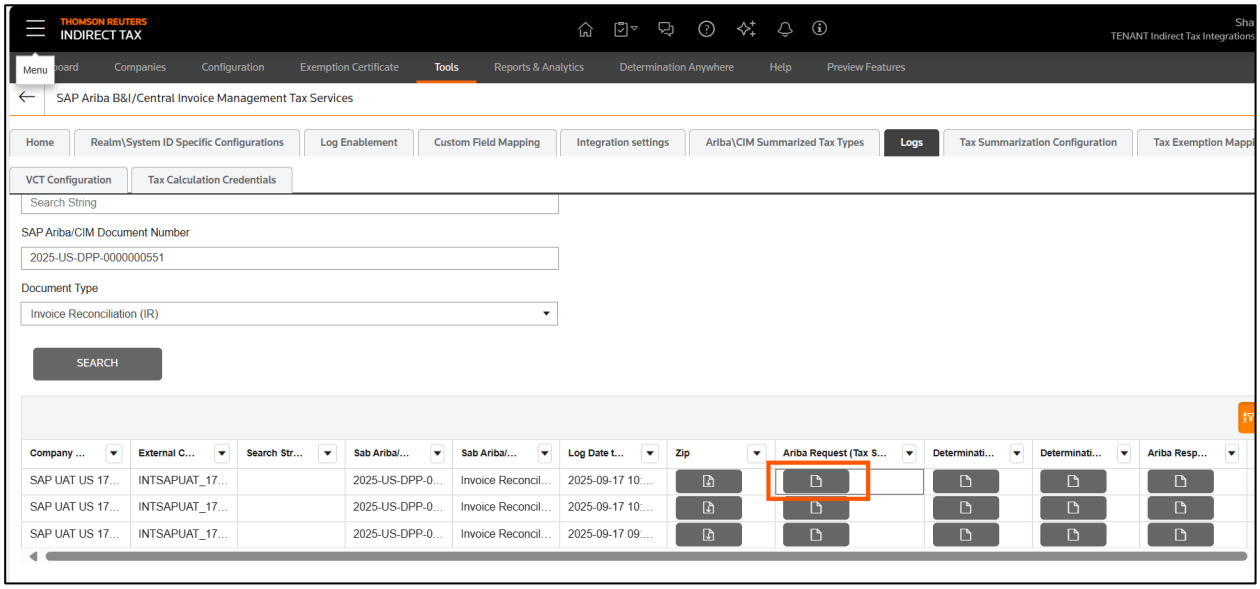


Please see what search results display grid means here:

Search results include four transaction log data files.

- Ariba CIM Request log (json file): request from Ariba Central Invoice Management Buying Solution
- Determination Request XML: request to Determination from ONESOURCE Global Tax for Ariba Central Invoice Management Solutions (Integration)
- Determination Response XML: response from Determination to ONESOURCE Global Tax for Ariba Central Invoice Management Solutions (Integration)
- Ariba CIM Response (json): Response from Integration Ariba Central Invoice Management Buying Solution.

5. To view log data: Click on document icon Document Icon to see data in a pop-up window within the same browser.



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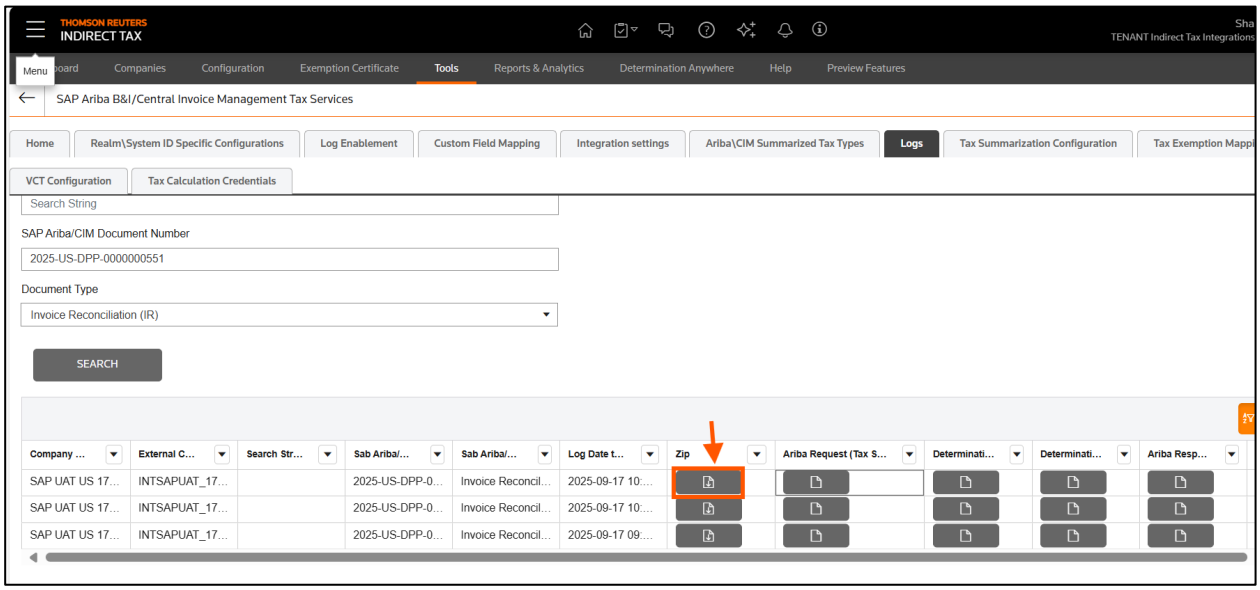
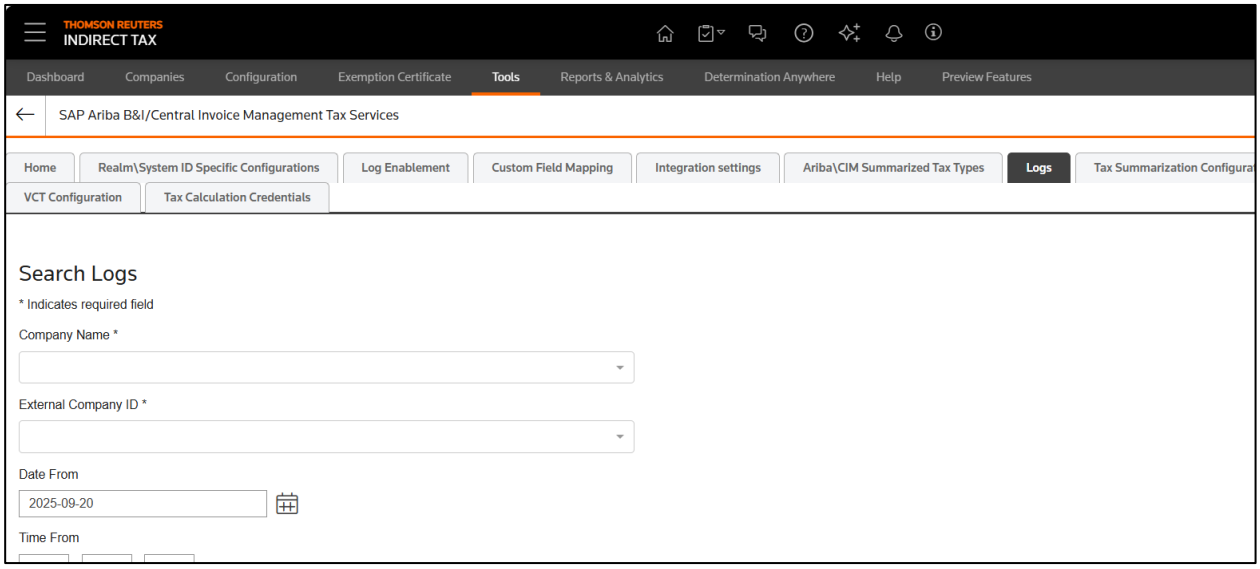
6. Click on download link icon down arrow icon to download all 4 types of log data files in a zip file to your local computer system.



7. To check time took to get the transaction log, please click on icon down arrow icon under Timings column.
8. Click on BACK TO SEARCH log button to go back to search results UI screen.
9. Click on BACK TO SEARCH LOGS button on Search Results UI screen to go back to Search Logs UI screen search for other transactions.



Tax Calculation User Details

Enter the Tax Calculation Username and Tax Calculation Password to authenticate and access ONESOURCE IDT for tax calculations. The Thomson Reuters Professional Services (PS) team provides these credentials.

If the Tax Calculation Username and Password are not entered, SAP Ariba CIM cannot make tax calls to ONESOURCE IDT.

If the Tax Calculation Username or Password is entered incorrectly, SAP Ariba CIM will be unable to make tax calls to ONESOURCE IDT.

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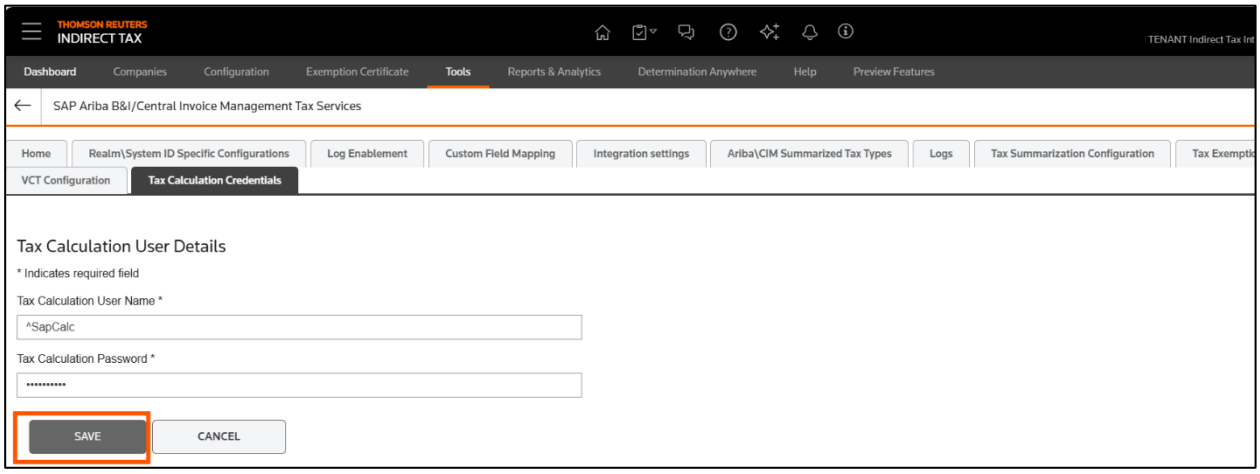
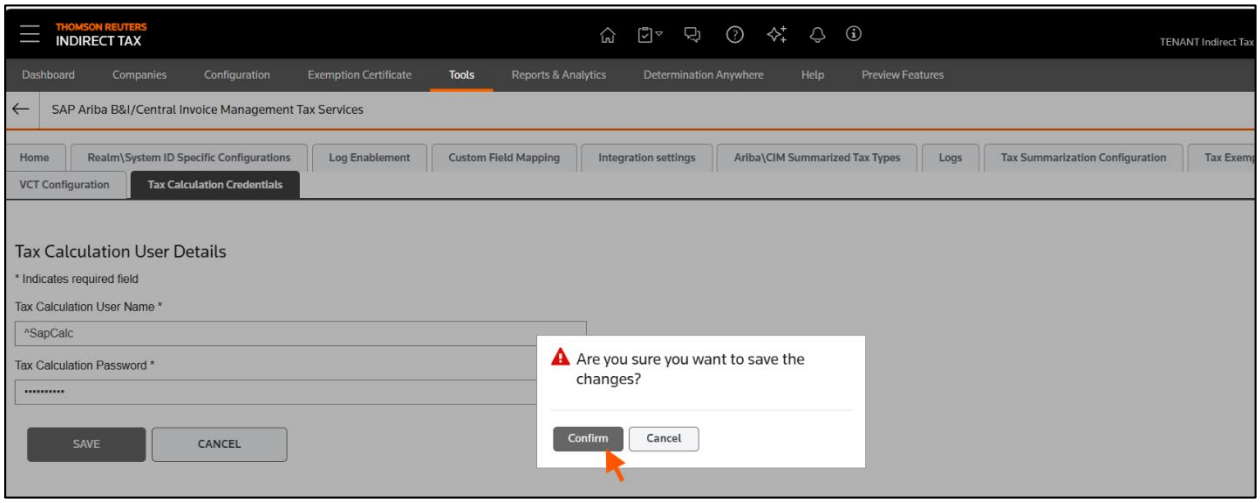
1. Enter Tax Calculation Username and Tax Calculation Password, click on save button and then popup window will open.



2. Click on Confirm button to save the Tax Calculation User Details.



Appendix I

List of countries supported on scope 4N6 for SAP Ariba Central Management solution. Please visit SAP Ariba Help for updated list as at today.

1. **Argentina**
2. **Australia**
3. **Austria**
4. **Belgium**
5. **Bulgaria**
6. **Canada**
7. **China**
8. **Croatia**
9. **Czechia**
10. **Denmark**
11. **Finland**
12. **France**
13. **Germany**
14. **Hong Kong**

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15. **Hungary**
16. **India**
17. **Indonesia**
18. **Ireland**
19. **Italy**
20. **Japan**
21. **Luxembourg**
22. **Malaysia**
23. **Mexico**
24. **Netherlands**
25. **New Zealand**
26. **Norway**
27. **Philippines**
28. **Poland**
29. **Portugal**
30. **Romania**
31. **Russian speaking countries**
32. **Saudi Arabia**
33. **Singapore**
34. **Slovakia**
35. **Slovenia**
36. **South Africa**
37. **South Korea**
38. **Spain**
39. **Sweden**
40. **Switzerland**
41. **Taiwan**
42. **Thailand**
43. **Türkiye**
44. **United Arab Emirates**
45. **United Kingdom**
46. **United States**

Appendix II

Access token sample for external Tax partner configuration

Sample response for successful token generated for “Thomson Reuters” configuration as external Tax engine partner on Ariba Central Invoice Management integrated solution.

{

"access_token":

"eyJqa3UiOiJodHRwczovL2F0bTVtb3liYy5hY2NvdW50cy5vbmRlbWFuZC5jb20vb2F1dGgyL2NlcnRzIiwia2lkIjoiWGJPOGRLbHR1cG5KSzRpRGV3dEJtYjlKUzlBIi

wiYWxnIjoiUlMyNTYifQ.

eyJpYXNfaXNzIjoiaHR0cHM6Ly9hdG01bW95YmMuYWNjb3VudHMub25kZW1hbmQuY29tIiwiaWFzX2FwaXMiOlsibWRjcy1hcGkiXSwic3ViIjoiOTc3YTg4Y2ItOTMwNy0

0M2ZiLWJmZTEtYzJjM2E5MzRjZmM4IiwiYXVkIjoiMDdlMmY0OTktYWViNi00Mjg4LTk1MDctNTBkYTI5MzViZGI3IiwiYXBwX3RpZCI6ImY0MzMyNGRmLTM1ZTQtNDZiZS

05NWJmLTg5OTlkZWE3MDc0MiIsImF6cCI6Ijk3N2E4OGNiLTkzMDctNDNmYi1iZmUxLWMyYzNhOTM0Y2ZjOCIsImlzcyI6Imh0dHBzOi8vYXRtNW1veWJjLmFjY291bnRzL

m9uZGVtYW5kLmNvbSIsImF6cGFjciI6IjEiLCJleHAiOjE3NTc5MjQ0MzgsImlhdCI6MTc1NzkyMDgzOCwianRpIjoiZmE4NzU0NGItOTNmNi00ZDdhLWE2ZGUtYzc4NDQz

MzE5Y2ZiIn0.

AuKSSWZEGrYlGlDcgXHWlOMo21oW390Ju6QNoWHXo9n2-7HooJOLSvoBR-L7c4KrnLaF55CFpIX0FhioLx9Qt1rMiNn6Uy2FL8KTKP8g3vM3mud5mVv87zA0mH8bRBdA2Os

hpZR7qt_M_IVbsyIamn68rL1Lp6zZOA7PDVcLlQDJM3k0ZKUghjjAMZlEwLo7XisfdzOixvYH4k3vZeVj-KOWhULV7WnCLUalK_rSosFQ8UXBN_8y5mJno-NXR3MTcc6jhZ

7pKdb4JpaaPFqEgZoJH_rvPNl0SWsCV0p44nS40Kph6Qf9UKM38LuyK4tt7z9GOc14xkdweGgXc0v9gA",

"token_type": "Bearer",

"expires_in": 3600

}

Appendix III

Ariba CIM external tax provider configuration request payload for create, update and delete tasks

1. Ariba CIM tax provider “Create” request body

```
{
"instances": [
  {
   "event": "created",
   "instance": {
    "id": "0X5L:1010",
    "companyCode": "1010",
    "source": "Thomson Reuters",
    "documentType": "Invoice"
   },
   "localIds": [
    {
     "context": {
      "application": "S4",
      "type": "TaxCalculationProvider",
      "additionalContext": "sap.odm.procurement.TaxCalculationProvider",
      "tenant": "0X5L"
     },
     "localId": "0X5L:1010",
     "status": "active"
    }
   ]
  }
]
```

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```
}
```


Ariba Central Invoice Management Tax provider update Request payload


```
{
"instances": [
  {
   "event": "updated",
   "instance": {
    "id": "0M4IV8H:1010",
    "companyCode": "1010",
    "source": "Thomson Reuters",
    "documentType": "Credit memo"
   },
   "localIds": [
    {
     "context": {
      "application": "S4",
      "type": "TaxCalculationProvider",
      "additionalContext": "sap.odm.procurement.TaxCalculationProvider",
      "tenant": "0M4IV8H"
     },
     "localId": "0M4IV8H:1010",
     "status": "active"
    }
   ]
  }
 ]
}
```


Ariba Central Invoice management tax provider delete request payload


```
{
"instances": [
  {
   "event": "deleted",
   "instanceId": "0M4IV8H:1010"
  }
 ]
}
```


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