TB-1186 Allow partner to update customers taxing choice Customer's ship to address Vs Partners address

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version No | Date | Prepared by / Modified by | Significant Changes |
| 1.0 | 15-May-19 | koteswararao | Initial draft |
| 1.1 | 11-Jun-19 | Raja | Review Comments Updated |

Reference

|  |  |  |
| --- | --- | --- |
| Name | Specification | Date |
| 1 |  |  |

Table of Contents

[1. Overview 4](#_Toc10482349)

[2. Purpose of this Document 4](#_Toc10482350)

[3. Objectives 4](#_Toc10482351)

[4. Current Implementation 4](#_Toc10482352)

[5. Implementation Approach 4](#_Toc10482353)

[6. Schema: 7](#_Toc10482354)

[TENANT 7](#_Toc10482355)

[X\_ORDER\_EXT 7](#_Toc10482356)

[7. Queries and Clarification 8](#_Toc10482357)

# Overview

1. Purpose of this Document

# 

The purpose of this document is to explain the approach we are going to address the

partner to update customers taxing choice to enhance the partner needs an option to put individual customers to either partner Address based taxing or customer shipping Address based taxing depends on the state where they located. This document contains the Implementation Approach, Schema changes as part of this new requirement.

1. Objectives

The objective of this document is to provide the details about the approach and the design for the new implementation.

1. Current Implementation

Currently in trailblazer system the tax is calculated based on partners address or the customer ship-to-address.

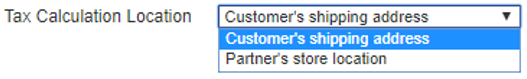
1. Implementation Approach

In new enhancement we need to current system to allow partner to choose customer Tax configuration. By implementing we needs an option to put individual customers to either partner Address based taxing or customer shipping Address based taxing and it depends on the state where they located.

We need to add the “**Tax Calculation** **Location”** label in below location

**partner portal ->** **Customers -> Customer & Revenue Overview -> Customer Details** just below the current “**Class Code label”.** And itcontains the list box with “Customer’s shipping address” and “Partner’s store location” and it is always based on partners Tax Calculation Location value.

The above can be depicted with the below screen shot.



Clicked on the update button the value should be updated in DB.

Value of drop down box should be the currently selected value for the customer.



Add a below new instance variable annotated with column in **Tenant** and **OrderExtension** entity classes.

@Column(name = "TAXING\_LOCATION")

**private** **int** taxingLocation;

Based on the partners Taxing preference we need to follow below two points.

* If the partner was already setup for the partner store-based taxing, then default all the existing customers under that partner to Partner store location
* Else if the partner was setup with Customer shipping address taxing, then default all the customers to customer shipping address-based taxing.

Upgrader script to satisfy the above criteria as follows

UPDATE `TENANT` AS t SET t.TAXING\_LOCATION = (SELECT p.`TAXING\_LOCATION` FROM `X\_PARTNER` AS p WHERE p.`X\_PARTNER\_ID` = t.`PROVIDER\_ID`)

New customers Tax preference should be based on partners current tax preference and it will be assigned to the customer at time of creating the customer in the DB.

If a Partner changes their “Tax Calculation Location” choice, then the “Tax Calculation Location” choice for all existing customers under that Partner should be updated to be the same as the Partner’s choice.

When we are Ordering from both customer portal and partner portal we need to Use TENANT. TAXING\_LOCATION preference address to find the customer tax area id.

RWD API Information:

NXShoppingCartServiceImpl -> getTaxDetails()

GWT API Information:

ShoppingCartServiceImpl -> placeNewOrder()

At the time of order creation, we need to set the customer tax location value in to the “TAXING\_LOCATION” column of “X\_ORDER\_EXT” table.

API Information:

OrderManagementServiceImpl -> createOrderExtension()

**View Orders and Audit Logs Tool UI Changes:**

1. We need to add new Label “Tax Calculation Location” in **View Orders and Audit Logs** -> **Customer Information** below the “Parts Offering” Label and it looks like below and we need to Display the customer associated tax location it should be either “Customer’s shipping address” or “Partner’s store location”.



Whenever drop-down (Partner Preference) value got changed and clicked on update button Audit log must be captured as below.

“The Taxing Location has been changed from <<Old Value>> to <<New Value>> by <<Partner Login name>>”

Whenever drop-down (Customer Preference) value got changed and clicked on update button Audit log must be captured as below.

“The Taxing Location has been changed from <<Old Value>> to <<New Value>> by <<Partner Login name>> for <<customer Name>>”

# Schema:

## TENANT

New Field named “TAXING\_LOCATION” should be created.

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Remarks** |
| TAXING\_LOCATION | int (11) Nullable | Ex: 1 |

## X\_ORDER\_EXT

New Field named “TAXING\_LOCATION” should be created.

|  |  |  |
| --- | --- | --- |
| **Field** | **Type** | **Remarks** |
| TAXING\_LOCATION | int (11) Nullable | Ex: 2 |

1. Queries and Clarification