SAP Commerce-Avalara Installation Guide

Arvato Systems North America, Inc.

1745 Broadway, 20th Floor

New York, NY 10019

avalarasupport@arvatosystems.com

07/29/2025

> **Prerequisites**
> 1. ArvatoAvalaraExt extension
>   a. SAP Commerce versions 19xx or newer:
>   arvatoAvalaraConnector19xx_2205.zip
>   b. SAP Commerce versions prior to 19xx: arvatoAvalaraConnector6x_18x.zip
> 2. An Avalara account with a valid company id and license

1. If SAP Commerce is running be sure to stop first by navigating to ${HYBRIS_HOME}/bin/platform/ and executing one of the two scripts based on whether a Linux based or Windows based server is running.

   a. **For Linux:** `sh hybrisserver.sh stop`

   b. **For Windows:** `hybrisserver.bat stop`

2. If using a version of SAP Commerce:

   a. 19xx or newer, unzip arvatoAvalaraConnector19xx_2205.zip and put the arvatoAvalaraConnector folder into the ${HYBRIS_HOME}/bin/custom directory

   b. Prior to 19xx, unzip the arvatoAvalaraConnector6x_18x.zip and put the arvatoAvalaraConnector folder into the ${HYBRIS_HOME}/bin/platform/custom directory

3. Edit the localextensions.xml in ${HYBRIS_HOME}/config and add the below entry to the <extensions node>

localextensions.xml

```xml
<extensions>
    <path dir='${HYBRIS_BIN_DIR}' autoload='false' />
    <path dir='${HYBRIS_BIN_DIR}/ext-integration/sap/'
    autoload='false' />
    ...
    <extension name='arvatoAvalaraConnector' />
</extensions>
```
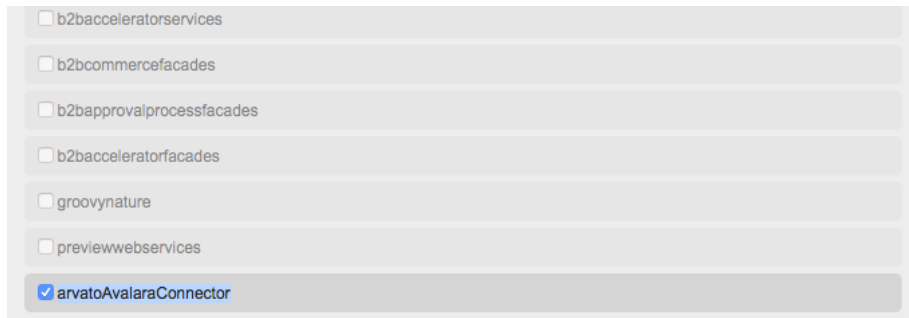
4. (Optional) To enable address verification

   a. In the unzipped arvatoAvalaraConnector folder (from step 2) go the resources directory

   b. Open arvatoAvalaraConnector-spring.xml and add the following alias:

arvatoAvalaraConnector-spring.xml

```xml
...
    <!-- around line 185 -->
    <alias name="arvatoAddressVerificationService"
    alias="addressVerificationService"/>
    <bean id="arvatoAddressVerificationService"
    class="com.arvatosystems.avalara.service.impl.ArvatoAddre
    ssVerificationService"/>
...
```

5. Navigate to ${HYBRIS_HOME}/bin/platform and execute the `ant clean all` target to compile and build the project

6. Once the build is complete start the SAP Commerce server by navigating to the ${HYBRIS_HOME}/bin/platform/ directory and running one the appropriate script based on the operating system

   a. **For Linux:** `sh hybrisserver.sh start`

   b. **For Windows:** `hybrisserver.bat stop`

7. Once SAP Commerce has started, run the system update by opening the SAP Commerce admin console using the browser of your choice. If installing on a local server, the URL is https://127.0.0.1:9002/platform/update.

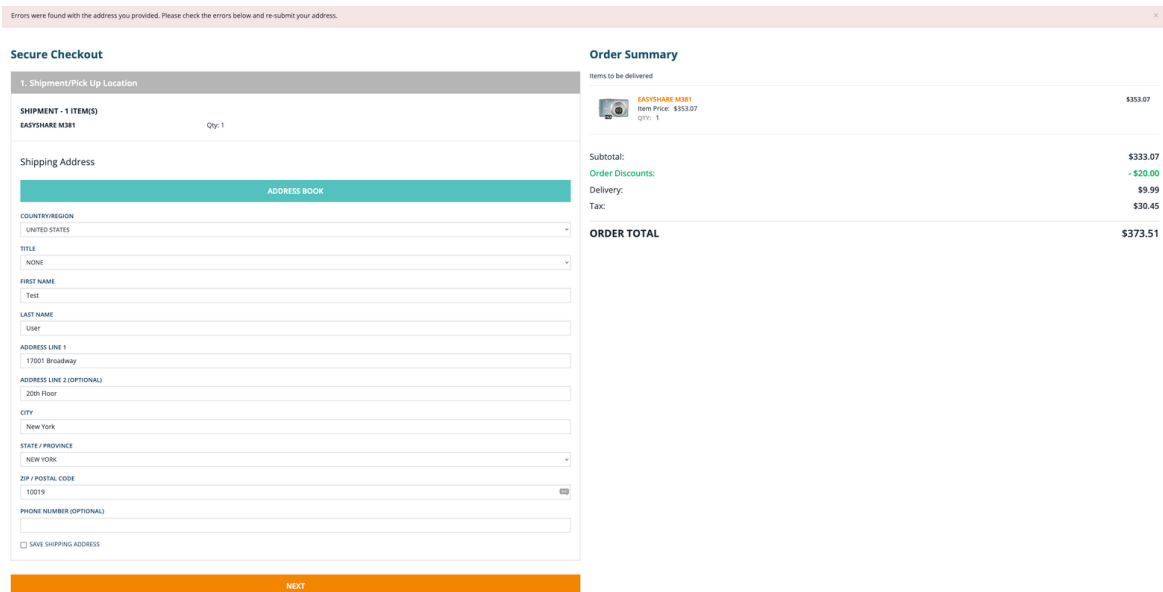8. Under the Project Data Settings scroll down to the **arvatoAvalaraConnector** and check the box next to it

9. Finally click on the Update Button to allow the appropriate tables to be added to the SAP Commerce database

10. Follow the directions in the **SAP Commerce-Avalara User Guide's Avalara Settings in Backoffice** to configure the Avalara settings

11. Follow the directions in the **SAP Commerce-Avalara User Guide's Base Store Settings** to enable Avalara for specific base stores

12. Navigate to the storefront page to test the address verification (if enabled in step 4) and tax calculation.

The following screenshots are taken from the SAP Commerce B2C Electronics Store.

When adding an invalid address, an error should occur:

If a valid address is entered and a better address is found, a pop out will appear to provide the suggested address(es):

During the checkout process, after entering in the shipping address, the tax should be calculated. Notice the difference in tax value before and after the shipping address is entered:

Figure 1 Before shipping address is entered

Figure 2 After shipping address is entered