



# **SAP Commerce-Avalara Installation Guide**

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### 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

```
<extensions>
  <path dir='${HYBRIS_BIN_DIR}' autoload='false' />
  <path dir='${HYBRIS_BIN_DIR}/ext-integration/sap/'
    autoload='false' />
  ...
  <extension name='arvatoAvalaraConnector' />
</extensions>
```

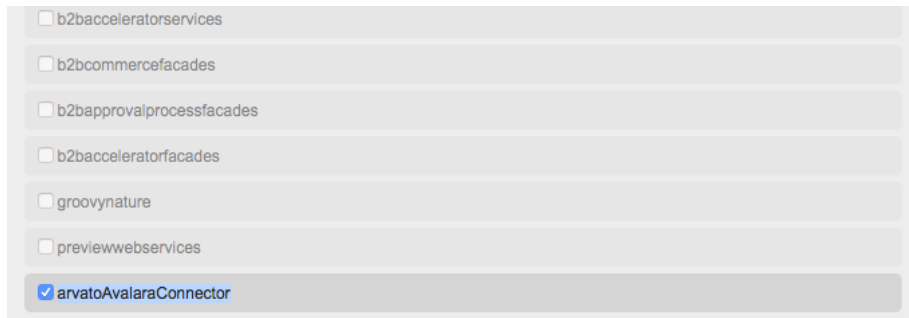
4. (Optional) To enable address verification
  - a. In the unzipped arvatoAvalaraConnector folder (from step 2) go the resources directory
  - b. Open arvatoAvalaraConnector-spring.xml and add the following alias:

### arvatoAvalaraConnector-spring.xml

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

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

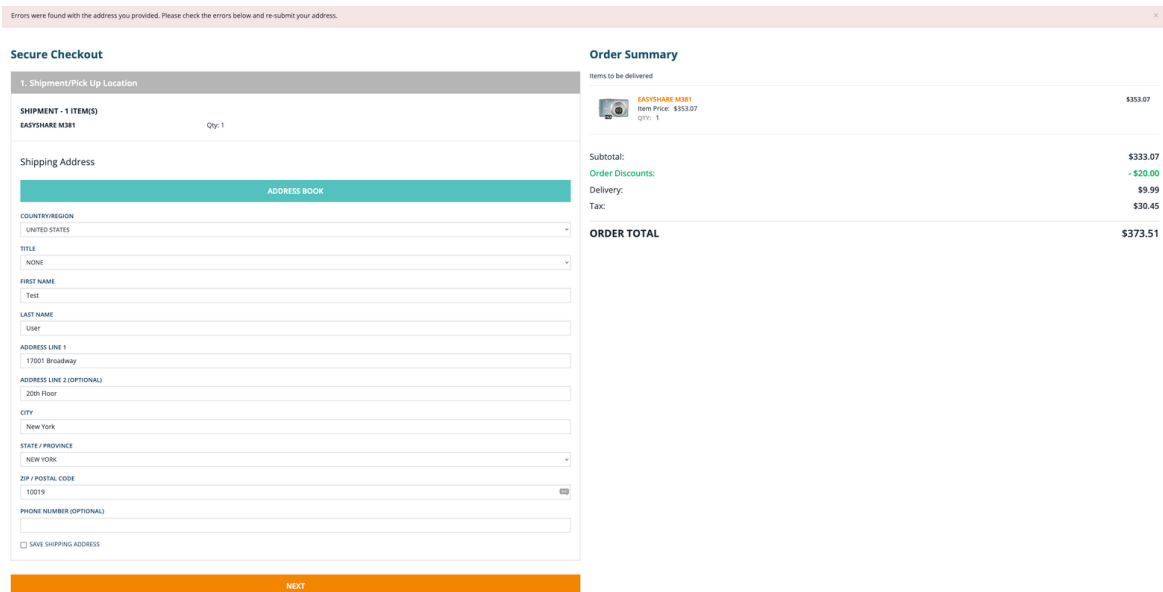


☐ b2bacceleratorservices  
☐ b2bcommercefacades  
☐ b2bapprovalprocessfacades  
☐ b2bacceleratorfacades  
☐ groovynature  
☐ previewwebservices  
☒ arvatoAvalaraConnector

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:



Errors were found with the address you provided. Please check the errors below and re-submit your address.

**Secure Checkout**

1. Shipment/Pick Up Location

SHIPMENT - 1 ITEM(S)  
EASYSHARE M3B1 Qty: 1

Shipping Address

ADDRESS BOOK

COUNTRY/REGION  
UNITED STATES

TITLE  
NONE

FIRST NAME  
Test

LAST NAME  
User

ADDRESS LINE 1  
17001 Broadway

ADDRESS LINE 2 (OPTIONAL)  
20th Floor

CITY  
New York

STATE / PROVINCE  
NEW YORK

ZIP / POSTAL CODE  
10019

PHONE NUMBER (OPTIONAL)

☐ SAVE SHIPPING ADDRESS

**Order Summary**

Items to be delivered

Item	Item Price	Qty	Total
EASYSHARE M3B1	\$333.07	1	\$333.07

Subtotal: \$333.07

Order Discounts: -\$20.00

Delivery: \$9.99

Tax: \$30.45

**ORDER TOTAL** \$373.51

NEXT

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**