2015

Bazaarvoice for hybris Extension

Integration Guide

VERSION 1.1.2

Introduction

Bazaarvoice maintains a pre-built integration into the hybris platform. This pre-built integration is delivered in the form of a hybris extension.

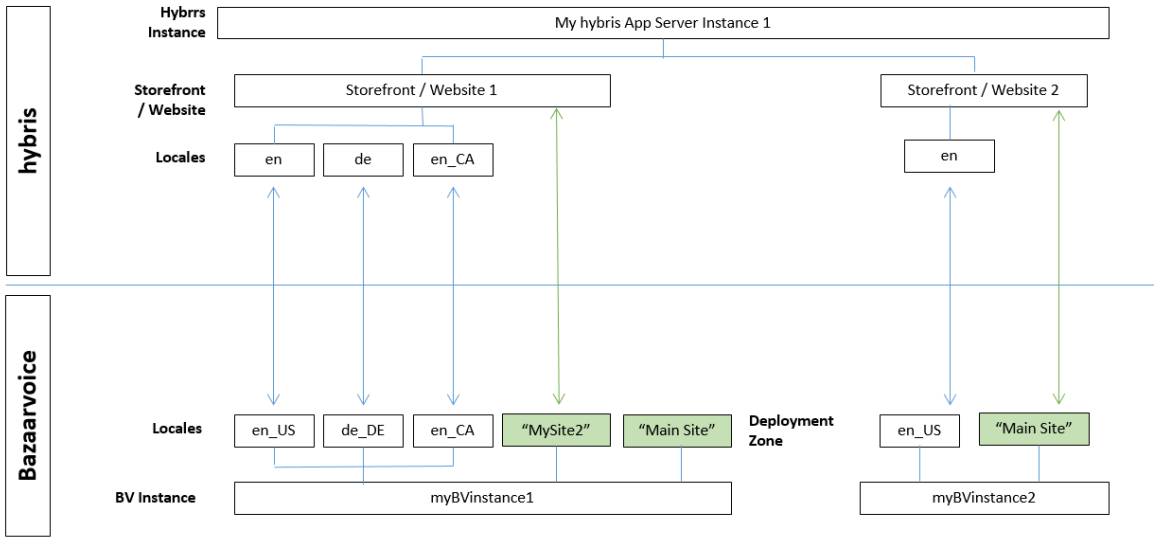
The extension is supplied "as-is" and is intended to function as a starter kit for clients to implement Bazaarvoice. It includes support for commonly required integration points, but does not include pre-built functionality for the exhaustive list of Bazaarvoice features. This extension may need to be customized by the client in order to implement functionality not included in the extension.

Mapping the hybris Environment to the Bazaarvoice Platform

The Bazaarvoice for hybris extension is architected in the following way:

- Each hybris Storefront/Website requires a separate Bazaarvoice instance with which to integrate
- Each Bazaarvoice Instance can support n Locales and n Deployment Zones
- Locales within a given hybris Storefront/Website can be mapped to a Locale within a particular Bazaarvoice instance
- Bazaarvoice supports only [language]_[country] locale values (e.g. en_US, fr_FR, etc.). hybris supports both [language] (e.g. de) as well as [language]_[country] locale values (e.g. en_US, fr_FR, etc.). You can map a language-only hybris Locale to a language-country combination for Bazaarvoice (e.g. de maps to de_DE).
- Each hybris Storefront/Website can be mapped to a Deployement Zone within a particular Bazaarvoice instance (Note: a Deployment Zone is a mechanism to create and manage alternate displays within a given Bazaarvoice instance independent of locale configurations).

The following diagram illustrates this concept:



Multi-site Integrations

If a hybris client wants to integrate Bazaarvoice into multiple hybris Sites within a single hybris app server environment, the following considerations should be made:

- There must exist a separate Bazaarvoice instance for each hybris Storefront/Website.
- The hMC control panel must be configured separately for each hybris Storefront/Website
- The Bazaarvoice configuration must be attached to each desired hybris Storefront/Website.
- The product feed CronJob must be configured for each desired hybris Storefront/Website.
- Code modifications must be made to each desired hybris Storefront/Website

Requesting Bazaarvoice to Provision Hosted Services

Use of the Bazaarvoice for hybris Extension by itself does not grant nor enable use of the Bazaarvoice offerings (e.g. Ratings & Reviews, etc.). Bazaarvoice must separately enable the hosted Bazaarvoice SAAS services for the offerings to available on the hybris platform. This may require a separate agreement with Bazaarvoice.

Complete the following steps:

1. Contact a Bazaarvoice representative with the following information (for each hybris Storefront/Website) to provision Bazaarvoice hosted services:
   a. Number of Bazaarvoice instances required
   b. Suggested Client/Brand Name (for each instance)
   c. Domain (for each instance)
   d. Locale(s) required (for each instance)
2. Request login credentials (Client Name, FTP username and FTP password) for each BV instance.

NOTE	**Bazaarvoice Sales Contact** Contact partner-support@bazaarvoice.com to establish a contract with Bazaarvoice.

Installation and Configuration

This document highlights how you must install and configure the Bazaarvoice extension for hybris.

Requirements

The following section details the requirements for the extension.

Hybris System Requirements

Hybris version	5.0.1 (and higher) or 5.1.x or 5.4
Storefront accelerator	You must have a storefront installed, the extension has been tested on the hybris B2C accelerator

Bazaarvoice Requirements

Bazaarvoice version	Bazaarvoice Conversations (new platform as of 2013)

Before You Begin

The Bazaarvoice for hybris extension assumes you are using the B2C accelerator. If you are updating a non-accelerator storefront, please look at the **/bazaarvoice/resources/impex/essentialdata_bazaarvoice.impex** file to see how to build the configurations for your specific storefront environment.

Installing the Extension

The Bazaarvoice extension requires a working installation of hybris. If you do not have a working installation of hybris, please install hybris per the instructions provided on the hybris wiki.

1. Download and unpack the Bazaarvoice extension package.
2. Copy the custom folder within the Bazaarvoice extension download into the custom folder of your ${HYBRIS_BIN} directory. If you do not have a custom folder in your **${HYBRIS_BIN}** directory, create one, or leverage your preferred naming convention for hybris extensions.
3. Update the **${HYBRIS_CONFIG}\localextensions.xml** for your installed hybris instance, and add the Bazaarvoice extension as an extension following the standard:

```
<extension name="bazaarvoice" />
```

4. Modify your **extensioninfo.xml** file within your storefront extension to include the Bazaarvoice add on as shown in the code snippet below. If you are using the accelerator as a template, the storefront extension is located at **${HYBRIS_BIN}/ext-template/yacceleratorstorefront**.

```
<requires-extension name="bazaarvoice" />
```

5. Modify your **local.properties** file to define additional configuration settings used for the Product Catalog Feed CronJob. See Appendix A for an explanation of each configuration option.

```
# Bazaarvoice settings
ftpServerDirectory=/import-inbox
ftpServerPort=
xmlBaseFileName=productfeed
localXmlOutputDirectory=/xmlFolder
localXmlArchiveDirectory=/archiveFolder
```

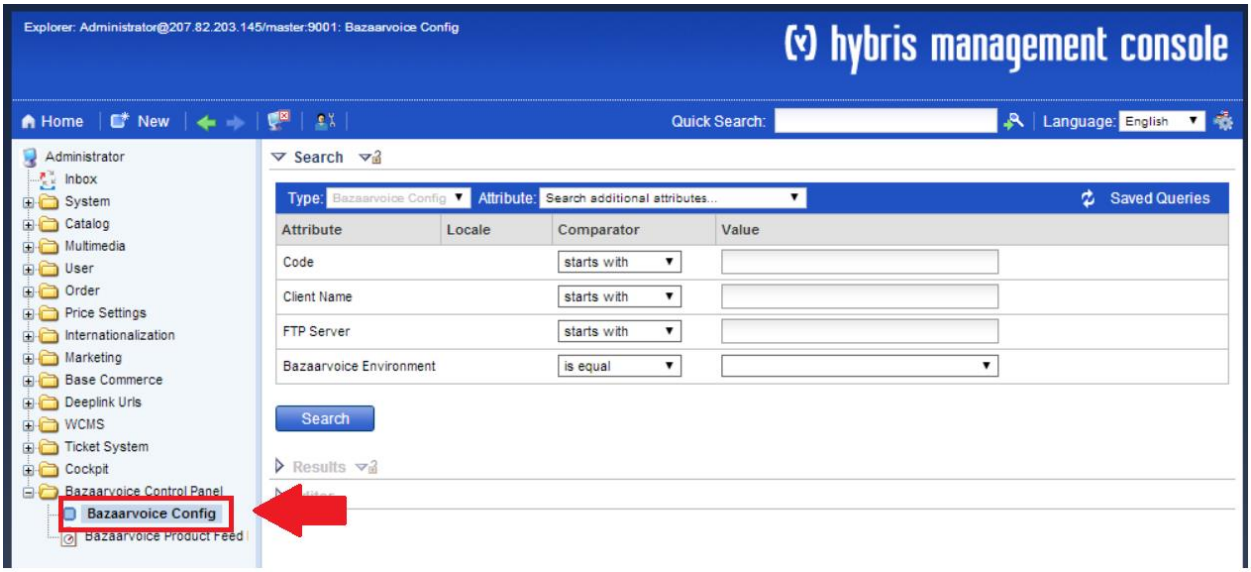
6. After configuring your Storefront/Website, you will need to build your hybris system using the **ant all** command.
7. After the build has completed, you will need to start up your hybris server, and then execute an **update** selecting only Bazaarvoice extension from the list of projects.

Configuring Your Installed Bazaarvoice Extension

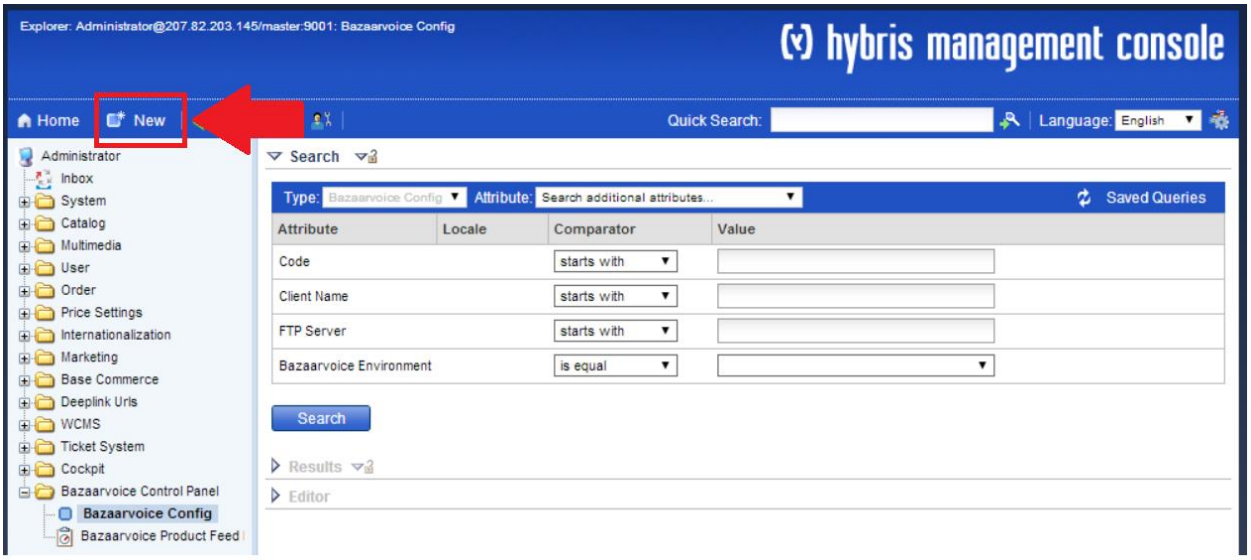
Creating a New Bazaarvoice Configuration

Configuration is required to configure export of products from within a hybris catalog to the Bazaarvoice SFTP servers. The configurations within the hybris Management Console holds the data required to connect to the Bazaarvoice SFTP server like the username, password, server location, etc.

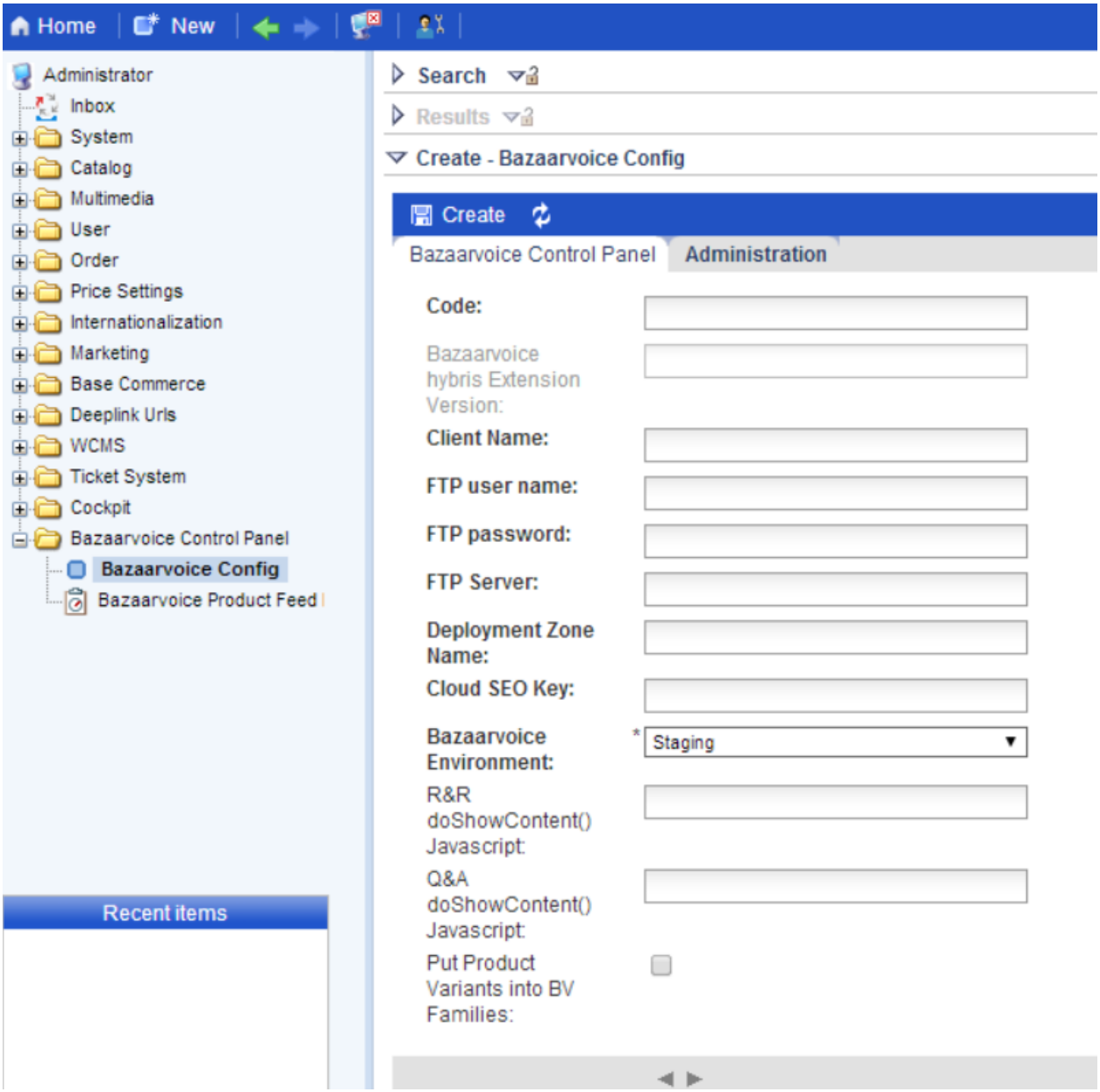
1. Login to the **hybris Management Console (hMC)** of the hybris instance with the Bazaarvoice extension installed.
2. Click **Administrator** > **Bazaarvoice Control Panel** > **Bazaarvoice Config**.



3. Press the **New** button (at top) and select **Bazaarvoice config** sub-menu item.



4. Complete the form with the information provided by Bazaarvoice for your specification BV configuration (see **Appendix A** for specific instructions).



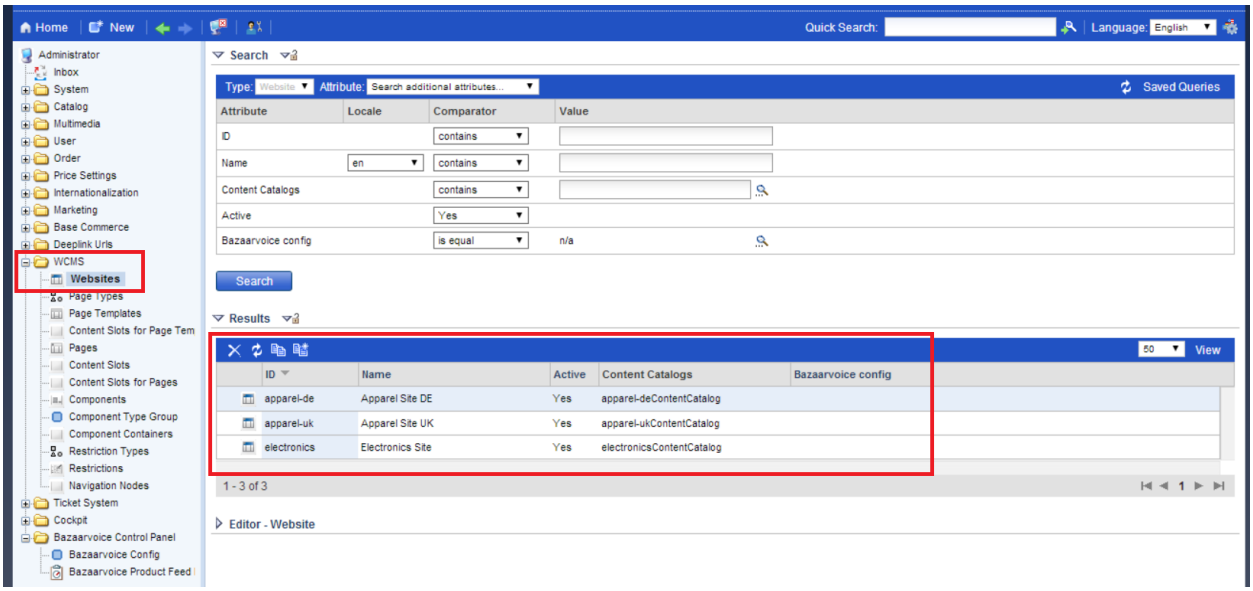
5. Check the **Accept License** option.
6. Upon completing the form, please click **Create** to save the new configuration into the hybris system.

Assigning the Bazaarvoice Configuration to your hybris Website/Storefront

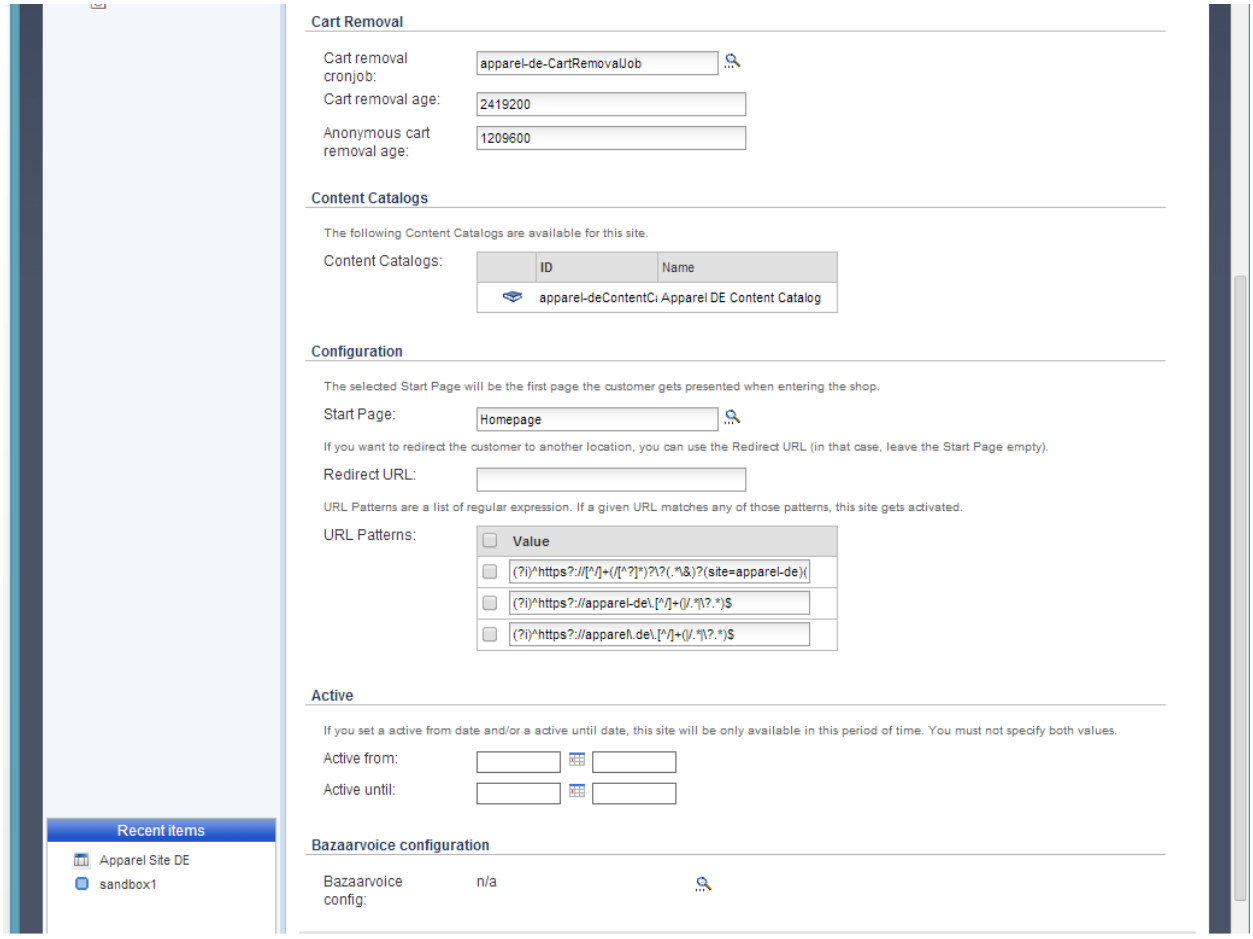
Complete the following steps to assign the Bazaarvoice configuration to your hybris website/storefront.

1. Stay logged into **hMC**.
2. Click **Administrator** > **WCMS** > **Websites** (in the left navigation menu).

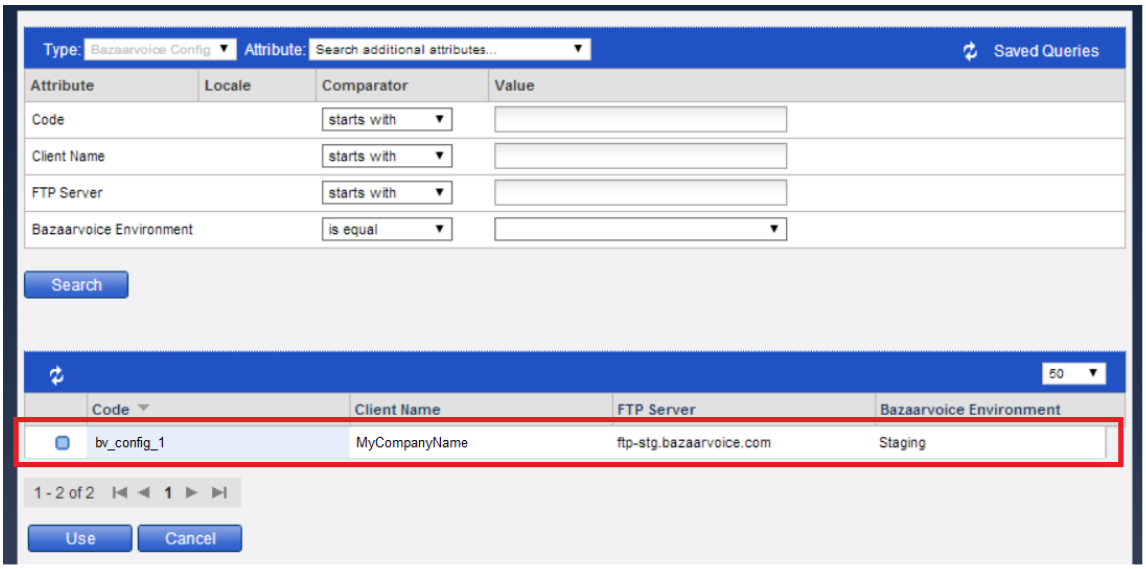
3. From the Websites section, search for the name of the website that you want to assign to Bazaarvoice.



4. Select the desired **Website** to open up the Website configuration screen.
5. Click the **Properties** tab for your selected website, and navigate down to the bottom of the page to find the section entitled **Bazaarvoice Configuration**.



6. Click on the magnifying glass to open up the hMC's search interface to find **the Bazaarvoice Config** object you just created.



7. Select the object, and the hMC will attach it to the web site. After selecting a **Bazaarvoice configuration** object, click **Use**.

Configuring Localization

The Bazaarvoice for hybris extension is built to support multi-locale implementations.

Within hybris, each hybris Website/Storefront can be configured to support multiple locales. You must have this list of locales explicitly enabled within the corresponding Bazaarvoice instance.

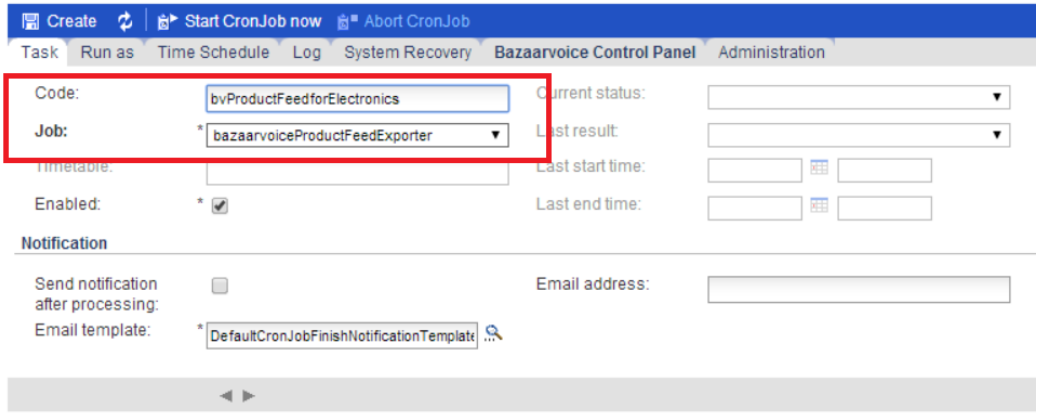
1. Log into the **hMC**.
2. Click **Administrator** > **WCMS** > **Websites**
3. Select the desired **Website**, and click the **Properties** tab.
4. (Scroll to the bottom) Under the **Bazaarvoice Configuration** section, for each hybris language/locale enabled, enter the desired Bazaarvoice locale. These should be [language]_[country] combination locales (e.g. en_US, fr_CA, de_DE, etc.).

5. IMPORTANT: Provide this list of locales to your Bazaarvoice representative so they can be enabled in the Bazaarvoice platform. See Appendix A for how to determine the locales currently enabled in the Bazaarvoice platform.

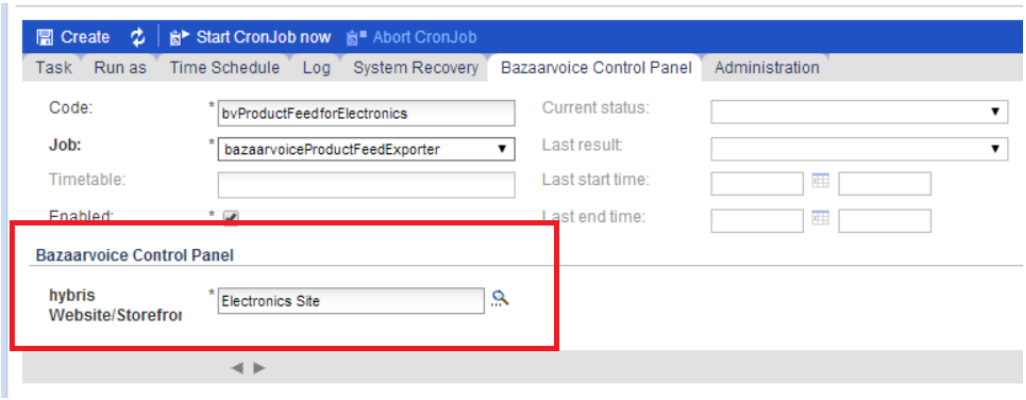
Creating the Product Feed Export CronJob

The Bazaarvoice for hybris extension creates a new section within the hMC specifically for the product catalog feed required by Bazaarvoice.

1. Login to the hMC.
2. Click **Administrator** > **Bazaarvoice Control Panel** > **Bazaarvoice Product Feed Export CronJob**.
3. Click **New** button (at top) and select **Bazaarvoice Product Feed Export CronJob** sub-menu item.
4. Click **Task** tab and set the following variables:
    a. **Jobname**: (call it anything)
    b. **Job**: select "**bazaarvoiceProductFeedExporter**" from pull-down list



5. Click **Bazaarvoice Control Panel** tab:
    a. Set the **hybris Website/Storefront** variable to be the desired hybris Website/Storefront as the data source of the product feed.



    b. Click **Create**.

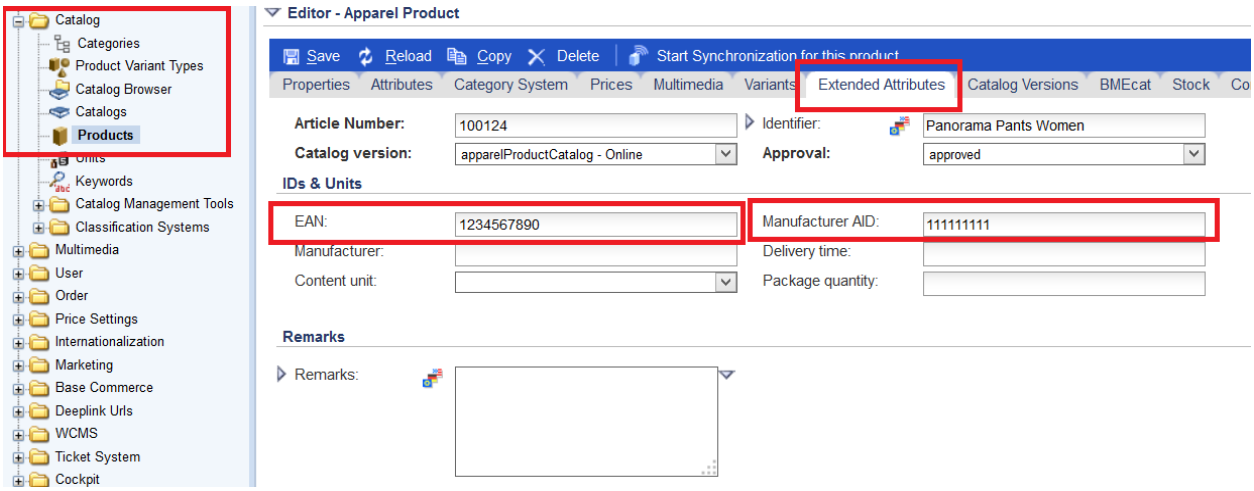
NOTE	While you can schedule your CronJob to run at any time you desire, it is recommended to have the Product Feed export run and be completed before Midnight (12:00AM) in your local region. This is when Bazaarvoice begins to process the feeds uploaded to them during that day. Contact your Bazaarvoice representative for the recommended time based on your location.

For more details, see the standard Bazaarvoice implementation documentation at http://knowledge.bazaarvoice.com/conversations/

Passing Additional Product IDs to Bazaarvoice

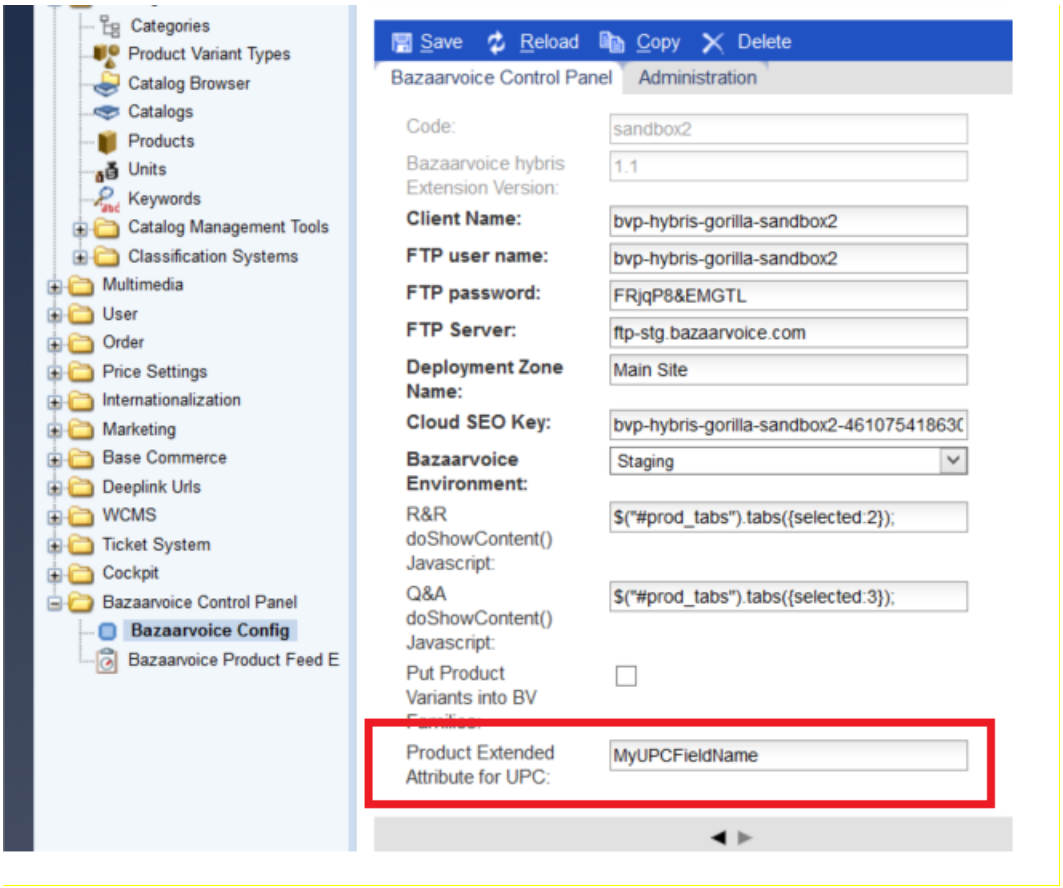
The Bazaarvoice for hybris extension supports providing additional product IDs to Bazaarvoice (e.g EAN, Manufacturer Part Number, UPC, etc.).

Hybris Source Data Field	Bazaarvoice Product Feed XML Export
EAN	EAN
Manufacturer AID	Manufacturer Part Number
(configurable)	UPC



Configurable UPC Data Source

The hybris platform does not have a default standard field for UPC data values. A hybris customer must insert UPC data into a custom field. The Bazaarvoice for hybris extension can be configured to source UPC data from this custom field and insert that data into the Bazaarvoice product feed XML export as UPC. Enter the custom field name in the Bazaarvoice Config hmc panel “Product Extended Attribute for UPC” setting. This setting is not case sensitive.


Categories
Product Variant Types
Catalog Browser
Catalogs
Products
Units
Keywords
Catalog Management Tools
Classification Systems
Multimedia
User
Order
Price Settings
Internationalization
Marketing
Base Commerce
Deeplink Urls
WCMS
Ticket System
Cockpit
Bazaarvoice Control Panel
Bazaarvoice Config
Bazaarvoice Product Feed E
Save
Reload
Copy
Delete
Bazaarvoice Control Panel
Administration
Code:
sandbox2
Bazaarvoice hybris Extension Version:
1.1
Client Name:
bvp-hybris-gorilla-sandbox2
FTP user name:
bvp-hybris-gorilla-sandbox2
FTP password:
FRjqP8&EMGTL
FTP Server:
ftp-stg.bazaarvoice.com
Deployment Zone Name:
Main Site
Cloud SEO Key:
bvp-hybris-gorilla-sandbox2-46107541863(
Bazaarvoice Environment:
Staging
R&R doShowContent() Javascript:
$("#prod_tabs").tabs({selected:2});
Q&A doShowContent() Javascript:
$("#prod_tabs").tabs({selected:3});
Put Product Variants into BV
Product Extended Attribute for UPC:
MyUPCFieldName

Website/Storefront Modifications

This documents describes how to leverage the custom tags built as part of the Bazaarvoice extension including the typical pages in which the tags should be installed. This document is built with the assumption that the Website/Storefront being modified is the hybris B2C accelerator storefront.

Master / Page Custom Tag Changes

The Bazaarvoice add-on works best when changes are made to the master.tag and page.tag custom tags provided by the hybris accelerator. Making changes to these pages allows the Bazaarvoice JavaScript code to reside within the <head> … </head> section of the compiled page.

Files to Update	• ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/template/master.tag • ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/template/page.tag

Update master.tag File

The master.tag file must be updated to include the Bazaarvoice JavaScript needed by the various elements throughout the pages. The changes needed for this file are in the listing below:

```
<%@ tag body-content="scriptless" trimDirectiveWhitespaces="true" %>
<%@ attribute name="pageTitle" required="false" rtexprvalue="true" %>
<%@ attribute name="metaDescription" required="false" %>
<%@ attribute name="metaKeywords" required="false" %>
<%@ attribute name="pageCss" required="false" fragment="true" %>
<%@ attribute name="pageScripts" required="false" fragment="true" %>
<%@ attribute name="showBV" required="false" %>

<%@ taglib prefix="template" tagdir="/WEB-INF/tags/desktop/template" %>
<%@ taglib prefix="analytics" tagdir="/WEB-INF/tags/shared/analytics" %>
<%@ taglib prefix="debug" tagdir="/WEB-INF/tags/shared/debug" %>
<%@ taglib prefix="spring" uri="http://www.springframework.org/tags" %>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>
<%@ taglib prefix="bvJavascript" tagdir="/WEB-
INF/tags/addons/bazaarvoice/desktop/template"%>

<!DOCTYPE html>
<html lang="${currentLanguage.isocode}">
<head>


    <title>
        ${not empty pageTitle ? pageTitle : not empty cmsPage.title ? cmsPage.title : 'Accelerator Title'}
    </title>

        <c:if test="${showBV == 'true'}">
            <bvJavascript:bazaarvoiceHeaderJavascript />

            <script type="text/javascript">
            <c:if test="${not empty searchPageData.results}">
                $BV.ui 'rr', 'inline_ratings', {
                    productIds : [
```

```
                        <c:forEach items="${searchPageData.results}" var="product">
                            '${product.code}',
                        </c:forEach>
                        ],      containerPrefix : 'BVRRInlineRating'
                    });
                </c:if>
                </script>
            </c:if>
```

Note: Only the lines in color above need to be added. The lines in black already exist within the template.

Update page.tag File

The page.tag file must be updated to include the Bazaarvoice JavaScript needed by the various elements throughout the pages. The changes needed for this file are in the listing below:

```
<%@ tag body-content="scriptless" trimDirectiveWhitespaces="true" %>
<%@ attribute name="pageTitle" required="false" rtexprvalue="true" %>
<%@ attribute name="pageCss" required="false" fragment="true" %>
<%@ attribute name="pageScripts" required="false" fragment="true" %>
<%@ attribute name="hideHeaderLinks" required="false" %>
<%@ attribute name="showBV" required="false" %>

<%@ taglib prefix="template" tagdir="/WEB-INF/tags/desktop/template" %>
<%@ taglib prefix="spring" uri="http://www.springframework.org/tags" %>
<%@ taglib prefix="header" tagdir="/WEB-INF/tags/desktop/common/header" %>
<%@ taglib prefix="footer" tagdir="/WEB-INF/tags/desktop/common/footer" %>
<%@ taglib prefix="cart" tagdir="/WEB-INF/tags/desktop/cart" %>
<%@ taglib prefix="nav" tagdir="/WEB-INF/tags/desktop/nav" %>
<template:master pageTitle="${pageTitle}" showBV="${showBV}">

    <jsp:attribute name="pageCss">
        <jsp:invoke fragment="pageCss"/>
    </jsp:attribute>
```

Note: Only the lines in color above need to be added. The lines in black already exist within the template.

These pages create an attribute that can now be added into any template called “showBV”. This attribute allows the developer to choose what pages include the Bazaarvoice JavaScript by adding in the attribute showBV and setting it to true within the template:page tag within the accelerator. The code listing below shows an example:

```
<template:page pageTitle="${pageTitle}" showBV="true">
```

Category / Product Listing / Search Results Page Integration

To include Bazaarvoice capabilities on your category, product listing, and search results page, first you must modify your page templates to state they are going to leverage Bazaarvoice. This is done by adding in the **showBV** attribute to the page code as detailed in the previous section. Within the accelerator, the following pages need to be updated to include Bazaarvoice:

- ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/views/desktop/pages/category/**productListPage.jsp**
- ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/views/desktop/pages/category/**productGridPage.jsp**

The code sample below shows an example:

```
<template:page pageTitle="${pageTitle}" showBV="true">
```

The Bazaarvoice add-on contains multiple custom tags that allows you to quickly add Bazaarvoice inline ratings to all the different types of product listing pages included in your system, typically a category or product listing page and a search results page. If you have multiple views of these pages, you can include the inline ratings in each of the views by just placing the custom tag where you would like to see the inline ratings displayed on the page.

Available Tags

Tag Name	Description	Accelerator Tags That will Get Manually Modified
bazaarvoice:inlineRatings	This tag allows you to include the BV Inline Ratings into any page within a hybris storefront.	• productListerGridItem.tag • productListerItem.tag

Update Accelerator Tag Files

To place Bazaarvoice on your Category / Product Listing Pages, the following file needs to be updated to include the Bazaarvoice JavaScript components.

Files to Update	• ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/product/**productListerGriditem.tag** • ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/product/**productListerItem.tag**

The following code block shows how to replace the hybris provided inline ratings with the Bazaarvoice inline ratings within each of the tag files:

Instructions for 5.0

```
[ADD TO THE TOP OF THE PAGE]

<%@ taglib prefix="bazaarvoice" tagdir="/WEB-
INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>


[LOCATE AND EDIT IN EXISTING 5.0 CODE]
<%--
<c:if test="${not empty product.averageRating}">
       <span class="stars large" style="display: inherit;">
              <span style="width: <fmt:formatNumber maxFractionDigits="0"
value="${product.averageRating * 24}" />px;"></span>
       </span>
</c:if>
--%>

<bazaarvoice:inlineRatings product="${product}" />
```

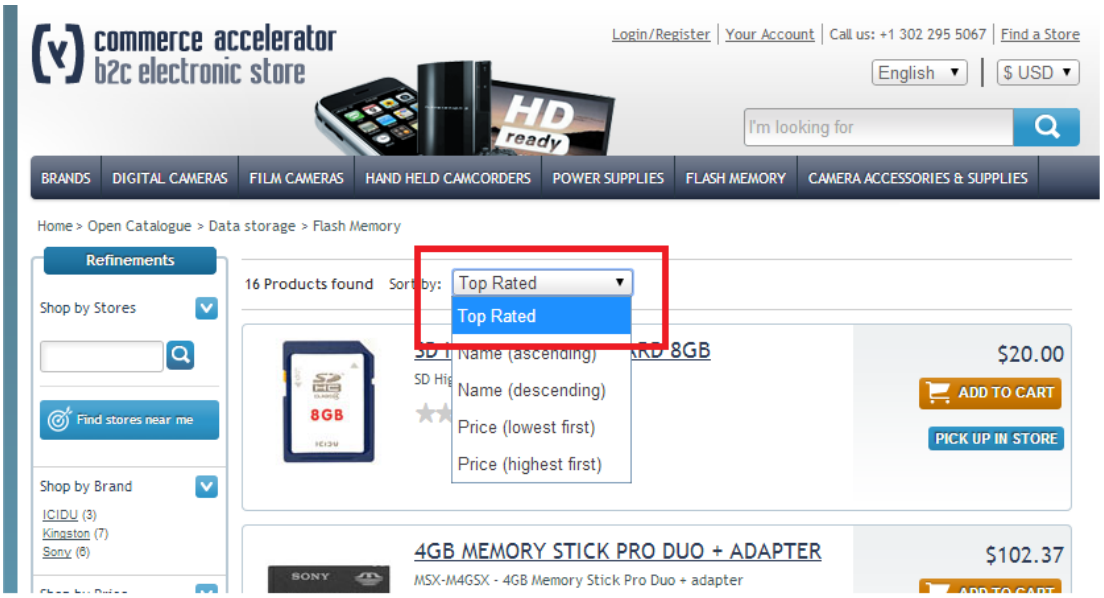
Instructions for 5.1

```
[ADD TO THE TOP OF THE PAGE]

<%@ taglib prefix="bazaarvoice" tagdir="/WEB-
INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>


[LOCATE AND EDIT IN EXISTING 5.1 CODE]
<%-- <c:if test="${not empty product.averageRating}">
   <product:productStars rating="${product.averageRating}" />
</c:if>
--%>
<bazaarvoice:inlineRatings product="${product}" />
```

For more details, see the standard Bazaarvoice implementation documentation at http://knowledge.bazaarvoice.com/conversations/

Removing Sort by "Top Rated" Feature

The default B2C accelerator includes an option to sort products by "Top Rated" in the Category Listing Page.



Because Bazaarvoice ratings information is not imported and indexed as part of the integration, this sort option is not possible with the default Bazaarvoice extension.

The following is the IMPEX snippet that the customer will need to run from the hybris Administration Console (hAC) to remove the sort by option. You should replace the **electronicsProductType** with the product type for your Website/Storefront.

```
$solrIndexedType=electronicsProductType
REMOVE SolrSort;&sortRefID;indexedType(identifier)[unique=true];code[unique=true]
;sortRef2;$solrIndexedType;topRated
```

Product Details Page Integration

To include Bazaarvoice capabilities on your product details pages, first you must modify your page templates to state they are going to leverage Bazaarvoice. This is done by adding in the showBV attribute to the page code as detailed earlier in this document. Within the accelerator, the following pages need to be updated to include Bazaarvoice:

- ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/views/desktop/pages/product/**productLayout1Page.jsp**
- ${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/views/desktop/pages/product/**productLayout2Page.jsp**

To the above pages, add the **showBV** attribute to the page code as detailed in the following code sample:

```
<template:page pageTitle="${pageTitle}" showBV="true">
```

The Bazaarvoice add-on contains multiple custom tags that allows you to quickly add Bazaarvoice Ratings and Reviews as well as Questions and Answers to all the different types of product details pages included in your system. If you have multiple views of these pages, you can include the Bazaarvoice code in each of the views by just placing the custom tag where you would like to see Bazaarvoice content.

Available Tags

Tag Name	Description	Accelerator Tags That will Get Manually Modified
bazaarvoice:productPageReviewDetailsTab	Includes the Bazaarvoice Ratings & Reviews detail tab onto a page	productPageTabs.tag
bazaarvoice:productPageQuestionAndAnswerTab	Includes the Bazaarvoice Question & Answer detail tab onto a page	productPageTabs.tag
bazaarvoice:cloudSeoInclude	Enables BV Cloud SEO functionality onto PDP*	productDetailsPanel.tag
Bazaarvoice:productReviewSummary	Inserts the Bazaarvoice Summary content	productDetailsPanel.tag

*This will not display the SEO content on the page. It simply enables the SEO content. In order to display the SEO content on the page, you must output one or more of the variables in the cloudSeoInclude.tag located at the end of the cloudSeoInclude.tag (sBvOutputSummary, sBvOutputReviews, and sBvOutputSummary). This functionality is shown in the following three tags: bazaarvoice: productReviewSummary.tag, bazaarvoice:productPageAskAndAnswerTab.tag,

and bazaarvoice:productPageReviewDetailsTab.tag. The following section of the document includes explicit code examples illustrating how to execute this step.

BV SEO

The Bazaarvoice for hybris extension includes the Bazaarvoice SEO SDK version 2.1.0.1. See http://knowledge.bazaarvoice.com/bvseo/ for additional details on the SDK.

Update productDetailsPanel.tag File

To place Bazaarvoice on your Product Detail Pages, the following file needs to be updated to include the Bazaarvoice JavaScript components.

File to Update	${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/product/**productDetailsPanel.tag**

The following code block shows the changes that are need to be made within the productDetailsPanel.tag.

```
 [ADD TO THE TOP OF THE PAGE]
<%@ taglib prefix="bazaarvoice" tagdir="/WEB-INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>

[FIND THE FOLLOWING LINE AND ADD THE BAZAARVOICE CODE BELOW]
<spring:theme code="text.addToCart" var="addToCartText" />

   <bazaarvoice:cloudSeoInclude product="${product}"/>


[FIND THE FOLLOWING LINE AND COMMENT IT OUT, AND ADD IN THE BAZAARVOICE TAG]
      <%-- <product:productReviewSummary product="${product}"/>       --%>
      <bazaarvoice:productReviewSummary product="${product}" />
```

Update productPageTabs.tag File

Edit the following file to replace the hybris-provided reviews with the Bazaarvoice Ratings & Reviews and/or Question and Answer offerings.

File to Update	${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/tags/desktop/product/**productPageTabs.tag**

The following approach assumes that tabs are used to display BV content on the product details page. The following code reuses the existing “Reviews” tab in the hybris B2C accelerator, and creates a separate tab for Bazaarvoice Questions and Answers content.

Instructions for 5.0

```
[ADD TO THE TOP OF THE PAGE]

<%@ taglib prefix="bazaarvoice" tagdir="/WEB-
```

```
INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>

[LOCATE AND ADD THE BOLDED LINE BELOW IN EXISING 5.0 CODE]
<li>
	<h2>
		<a href="#tab-reviews" class="tab_03"><spring:theme
code="review.reviews" /></a>
	</h2>
</li>

<li>
	<h2>
		<a href="#tab-questions" class="tab_04"><spring:theme
code="questions.questions" /></a>
	</h2>
</li>

[LOCATE AND EDIT IN EXISING 5.0 CODE]

<%@ taglib prefix="bazaarvoice" tagdir="/WEB-
INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>

<div class="prod_content" id="tab-reviews">
	<%-- <h3><spring:theme code="review.reviews" /></h3> --%>
	<%-- <product:productPageReviewsTab product="${product}"/> --%>
	<bazaarvoice:productPageReviewDetailsTab product="${product}" />
</div>
<div class="prod_content" id="tab-questions">
	<bazaarvoice:productPageQuestionAndAnswerTab product="${product}" />
</div>
```

Instructions for 5.1

```
[ADD TO THE TOP OF THE PAGE]

<%@ taglib prefix="bazaarvoice" tagdir="/WEB-INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>

[LOCATE AND EDIT IN EXISTING 5.1 CODE]

<div id="productTabs">
	<div class="tabHead"><spring:theme code="product.product.details" /></div>
	<div class="tabBody"><product:productDetailsTab product="${product}"/></div>
	<%--
		<div class="tabHead" id="tab-reviews"><spring:theme
code="review.reviews" /></div>
		<div class="tabBody" ><product:productPageReviewsTab
product="${product}"/></div>
	--%>
	<div class="tabHead">BV Ratings</div>
	<div class="tabBody"><bazaarvoice:productPageReviewDetailsTab
product="${product}" /></div>
	<div class="tabHead">BV Question &amp;amp; Answer</div>
	<div class="tabBody"><bazaarvoice:productPageQuestionAndAnswerTab
product="${product}" /></div>
	<cms:pageSlot position="Tabs" var="tabs">
		<cms:component component="${tabs}"/>
	</cms:pageSlot>
</div>
```

Additional Considerations if Bazaarvoice is implemented using tabs on the Product Detail Pages

If you have put Bazaarvoice Ratings & Reviews and/or Question & Answers behind tabs on the product page, Bazaarvoice supports a Javascript callback function called **doShowContent()** to make the tab visible when an associated link is clicked. The Bazaarvoice for hybris extension provides two easy hMC control panel settings to input the appropriate Javascript.

1. Login into the **hMC**.
2. Click **Administrator** > **Bazaarvoice Control Panel** > **Bazaarvoice Config**.
3. Enter valid Javascript needed to correctly animate the appropriate tab object:
    a. **R&R doShowContent() Javascript** setting
    b. **Q&A doShowContent() Javascript** setting
4. Click **Save.**

For more details, see the standard Bazaarvoice implementation documentation at http://knowledge.bazaarvoice.com/conversations/

For more details, see the standard Bazaarvoice SEO implementation documentation at http://knowledge.bazaarvoice.com/bvseo/

Sample Code

The installation of the Bazaarvoice extension includes sample code within the ${HYBRIS_BIN}/ext-tempalte/yacceleratorstorefront/web/webroot/WEB-INF folder that highlights how the accelerator was modified to include the changes as described above.

Implementing Bazaarvoice ROI Beacon

The following information covers the changes to the accelerator front end to enable the Bazaarvoice ROI Beacon portion of the integration.

To include Bazaarvoice capabilities on your product details pages, first you must modify your page templates to state they are going to leverage Bazaarvoice.

The Bazaarvoice for hybris extension contains custom tags that you can place in this.

File to Update	${HYBRIS_BIN}/ext-template/yacceleratorstorefront/web/webroot/WEB-INF/views/desktop/pages/checkout/**checkoutConfirmationPage.jsp**

Add the following lines after taglib definition to include the Bazaarvoice Javascript components and ensure the template tag has the **showBV** attribute set to "true.":

```
<%@ taglib prefix="bazaarvoice" tagdir="/WEB-
INF/tags/addons/bazaarvoice/desktop/bazaarvoice"%>

<template:page pageTitle="${pageTitle}" showBV="true">
```

Add the next line of code before the closing tag **</template:page>**

```
<bazaarvoice:trackTransactionPageView order="${orderData}"
orderGroup="${orderGroup}" />
```

So that as a result full file ending will look like as follows:

```
<div>
              <a href="${request.contextPath}" class="positive right"><spring:theme
                           code="checkout.orderConfirmation.continueShopping" /></a>
       </div>
       <bazaarvoice:trackTransactionPageView order="${orderData}"
orderGroup="${orderGroup}" />
</template:page>
<!-- this line is the last line in the accelerator's version of this file. -->
```

For more details, see the standard Bazaarvoice ROI beacon implementation documentation at http://knowledge.bazaarvoice.com/wp-content/conversations/en_US/KB/#ROI_beacon/ROI_beacon_about.htm

Appendix A: Explanation of Configuration Settings

hMC Control Panel Values

The following table describes the hMC control panel settings required by the Bazaarvoice for hybris extension.

hMC Configuration Setting	Where to locate?	Example Value	Comment
Code	Determined by client	BV_config_electronics	Only used as unique Id for the BV configuration object w/in hybris; not used by Bazaarvoice
Client Name	Contact your Bazaarvoice representative	MyCompanyName	This value is case sensitive.
FTP user name	Contact your Bazaarvoice representative	mycompanyname	Typically the lowercase transform of the Client Name value (i.e. if Client Name is “Acme”, the FTP username is “acme”)
FTP password	Contact your Bazaarvoice representative	mTy@378FmH99	
FTP Server	Standard BV S/FTP server host names	Staging: sftp-stg.bazaarvoice.com Production: sftp.bazaarvoice.com	Contact Bazaarvoice representative to determine if non-standard FTP server is used for your deployment (e.g. “C7” cluster)
Deployment Zone Name	Bazaarvoice Configuration Hub (see steps below)	Main Site	Default value for all BV clients is “Main Site”
Cloud SEO Key	Bazaarvoice Configuration Hub (see steps below)	mycompanyname-8ff9cdaafe1738bf4d77d49e09e080da	
Bazaarvoice Environment	Determined by client	Staging/Production	Changing this value does *not* change the FTP server from Staging to Production
R&R doShowContent() Javascript	Determined by client	$("#prod_tabs").tabs ({selected:2});	
Q&A doShowContent() Javascript	Determined by client	$("#prod_tabs").tabs ({selected:3});	
Put Product Variants into BV Families	Determined by client’s implementation	True/False	Defines BV Product Families in product feed. Should set this

			value when hybris product variants are used in client catalog. See standard BV product feed documentation for details.

Local.Properties Configuration Settings

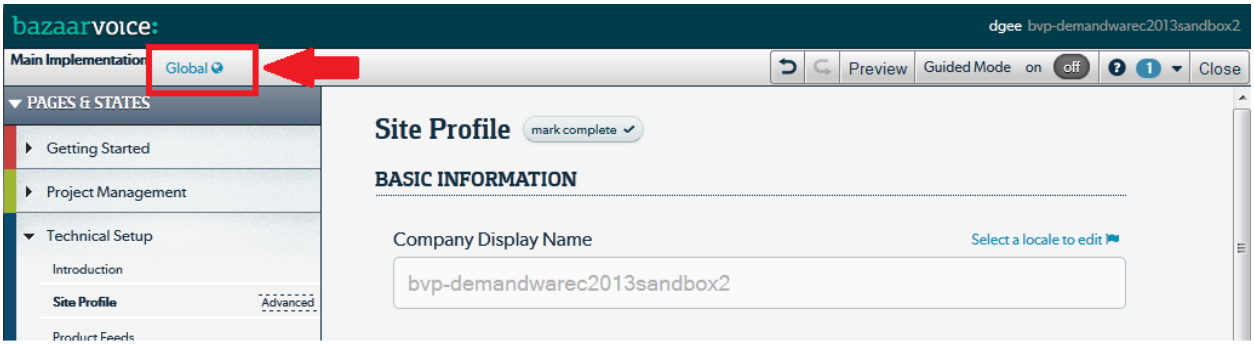
The following table describes local.properties settings required by the Bazaarvoice for hybris extension.

Local.Properties Configuration Setting	Example Value	Comment
ftpServerDirectory=/import-inbox	/import-inbox	This value should always be "/import-inbox" unless instructed otherwise by Bazaarvoice.
xmlBaseFileName=productfeed	productfeed	This value is concatenated with the current date to construct the product feed filename.
localXmlOutputDirectory=/xmlFolder	/xmlFolder	Need write permission to this directory; product feed is dropped to this directory after it has been created, but before it is FTP'd to BV
localXmlArchiveDirectory=/archiveFolder	/archiveFolder	Need write permission to this directory; product feed is moved to this directory after it has been FTP'd to BV

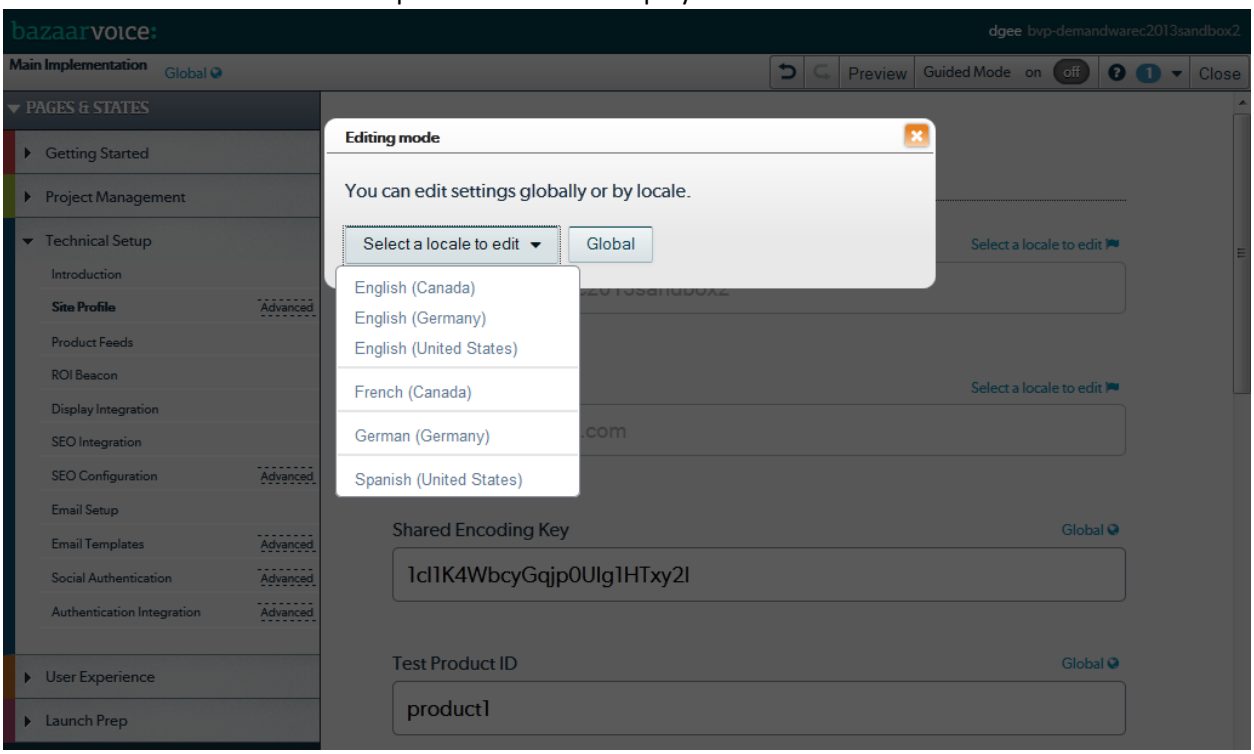
Locating your Locales Enabled within Your Bazaarvoice Instance

Complete the following steps to locate your Locales enabled within your Bazaarvoice instance.

1. Login to http://login.bazaarvoice.com.
2. Click **Settings** > **Manage Applications**.
3. You can have more than one Deployment Zone.
4. Select your desired **Implementation** object.
5. Select **Global** in the upper menu bar.



6. Click **Select a locale to edit**. The pull down list will display the enabled locales.

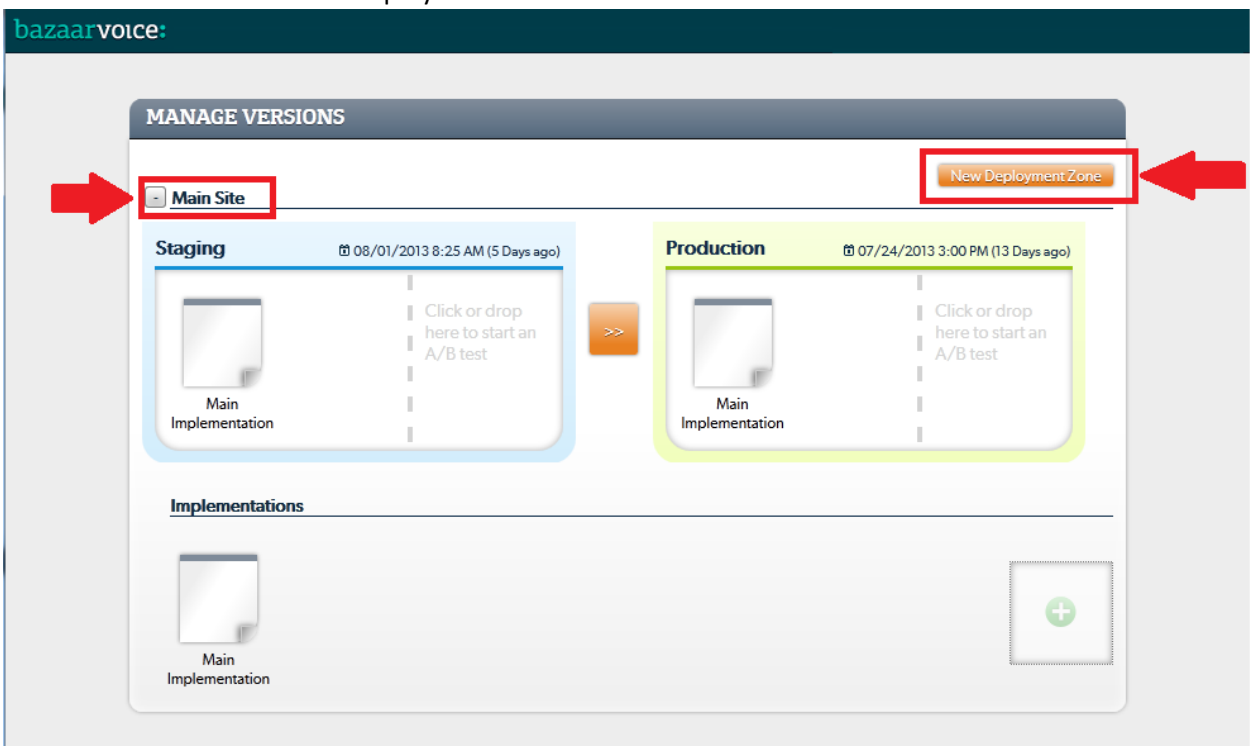


Locating your Deployment Zone Name

Complete the following steps to locate your Deployment Zone Name value.

7. Login to http://login.bazaarvoice.com.
8. Click **Settings** > **Manage Applications**.
9. Note your **Deployment Zone name**. The default Bazaarvoice Deployment Zone is named “Main Site”. Alternatively, you can create a new Deployment Zone by clicking New Deployment Zone.

You can have more than one Deployment Zone.

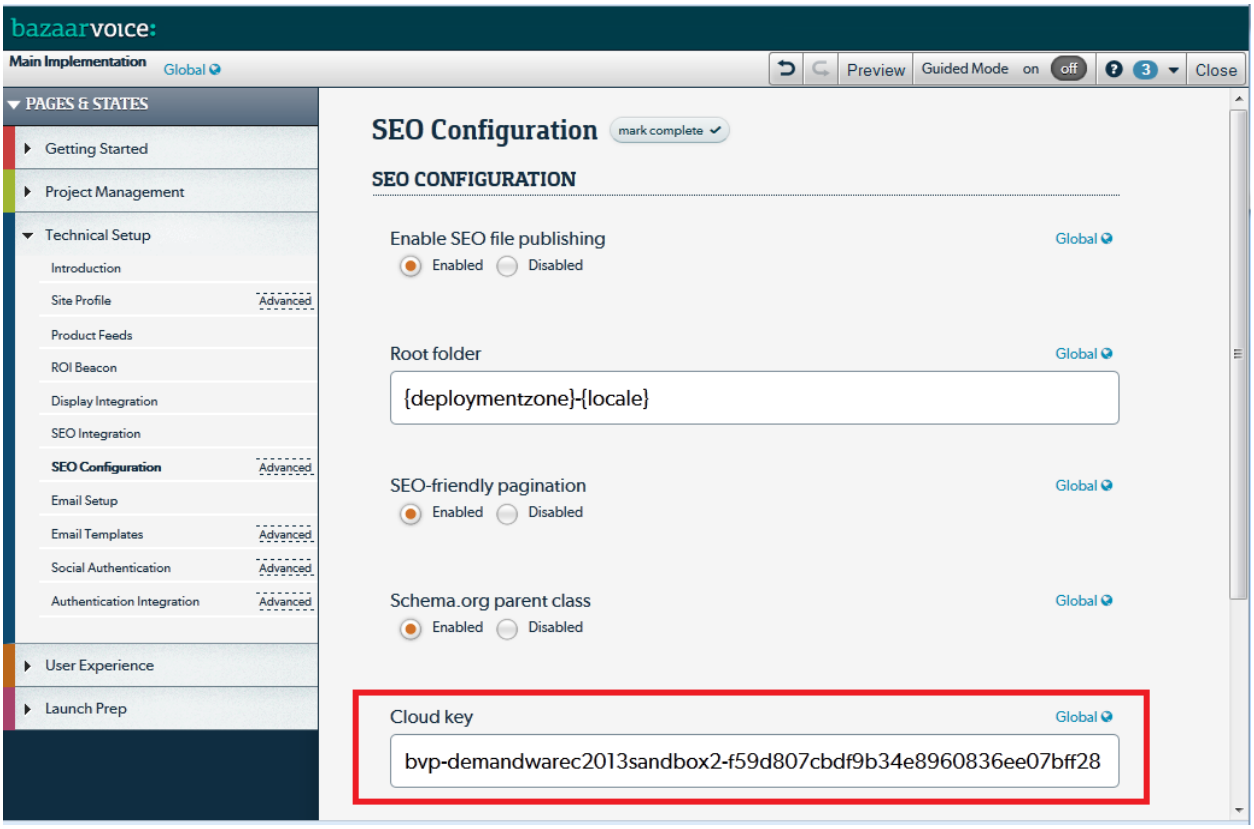


Locating your Cloud SEO Key

A Cloud SEO Key is required to implement the Bazaarvoice SEO solution. Complete the following to locate the key:

1. Login to http://login.bazaarvoice.com.
2. Click **Settings** > **Manage Applications**.
3. Select your desired implementation.
4. Select **Global** in the upper left menu bar.
5. Click **SEO Configuration** in the left navigation panel.
6. Ensure that Root Folder is set to "**{deploymentzon}-{locale}**".

7. Note the **Cloud Key** value.



Release History

The following table show the release history of the Bazaarvoice Hybris integration.

Version	Date	Changes
1.1.2	23 APR 2015	• Added support for replacing invalid characters in Brand ExternalId values included in product feed export
1.1.1	10 APR 2015	• Added support for removing non-UTF8 characters from BV product feed export • Added support for SFTP • Fix issue non UTF-8 characters • Fix issue for sftp port numbers always using port 21 • Stripped out non-ascii characters from product feed export • Remove tags that do not contain any data
1.1	16 Dec 2014	• Updated SEO SDK version (v2.1.0.1) • Added support for UPC, EAN, and Manufacturer part numbers in the product feed export • Updated documentation steps to address SEO instruction gap • Fixed issue with hmc setting to accept license
1.0	1 May 2014	Initial release