Salesforce Commerce Cloud Installation Guide

June 2020

Please note the instructions contained in this document are subject to changes or improvements. Feedback, as always, is welcome.

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1. Overview

This document provides technical instructions for installing Brightcove custom cartridge, as well as setting up SFCC Business Manager, for integrating Brightcove Video Cloud with Salesforce Commerce Cloud (SFCC).

1.1. Functional Overview

This custom cartridge is developed based on specifications provided by Brightcove. It enables Salesforce Commerce Cloud business users, to upload videos files to the Brightcove Cloud server through SFCC Business Manager, and publish these files on the storefront (product details page, category landing page, product listing page, etc.).

1.2. Compatibility

The custom cartridge is designed for Salesforce Commerce Cloud API with controllers for extended functionality. Custom cartridges are available for SFRA as well as for the Site Genesis architecture. Clients should install version matching with their Salesforce Commerce Cloud architecture.

1.3. Limitations

As mentioned above, Brightcove SFCC custom Cartridge is designed to meet Brightcove's specific requirements to integrate video files residing on Brightcove cloud server with SFCC. To make use of this cartridge, one must contact Brightcove and signup.

2. Installation Steps

2.1.　Upload Cartridges:

1. Extract the zip file.
2. Upload cartridges (bm_brightcove, int_brightcove and app_brightcove) to the Salesforce Commerce Cloud instance.
3. Activate the code version with the uploaded cartridges.

2.2.   Configure Business Manager

1. Login to Business Manager.
2. Navigate to *Administration -> Manage Sites*
3. Select the site from the list.
4. Select *Settings* tab.
5. Add *app_brightcove* in the cartridge path for SFRA site as show below in the screenshot.

6. Apply changes.

7. Add *int_brightcove* in the cartridge path for SiteGenesis architecture site as show below in the screenshot.

8. Apply changes.

9. Navigate to *Administration -> Manage Sites*
10. Select *Business Manager* as show below in the screenshot below

Storefront Sites

The list shows all Storefront sites defined in this organization.

Click **New** to create a new site. Click **Delete** to delete an existing site and all its content.

Click the site name to edit the site settings. Use the **Up** and **Down** buttons to define the order in which sites appear throughout the Business Manager.

Select All	Name	ID
☐	**RefArch**	RefArch
☐	**RefArchGlobal**	RefArchGlobal
☐	**SiteGenesis**	SiteGenesis
☐	**SiteGenesisGlobal**	SiteGenesisGlobal

Refresh

Business Manager Site

Manage the **Business Manager** site.

11. Add ***bm_brightcove*** in the cartridge path for Business Manager as show below in the screenshot.

12. Apply changes.

2.3. Import System Object Extensions Files

1. Navigate to Administration -> Site Development -> Import & Export.
2. Select **Upload** option under **Import & Export Files** section as shown in the screenshot below.

Administration > Site Development > Import & Export

Import & Export

Meta Data

Import and export your system meta data (i.e., system type extensions, custom object types, custom preference definitions).

Geolocations

Import geolocations for a country.

Import & Export Files

Upload and download your import and export files.

3. Upload **brightcove-objecttype-extensions.xml** from the **meta** directory of the zip file.

4. Navigate to Administration -> Site Development -> Import & Export.
5. Select *Import* option under *Meta Data* section as shown in the screenshot below.

6. Import *brightcove-objecttype-extensions.xml* file.

2.4. Import Services File

1. Navigate to Administration -> Operations -> Import & Export.
2. Select *Upload* option under *Import & Export Files* section as shown in the screenshot below.

3. Upload *brightcove_services.xml* from the *meta* directory of the zip file.

4. Navigate to Administration -> Operations -> Import & Export.
5. Select *Import* option under *Services* section as shown in the screenshot below.

6. Import *brightcove_services.xml* file.

2.5.   Import Job File

1. Navigate to Administration -> Operations -> Import & Export.
2. Select **Upload** option under **Import & Export Files** section as shown in the screenshot below.

3. Upload **brightcove_jobs.xml** from the **meta** directory of the zip file.

4. Navigate to Administration -> Operations -> Import & Export.

5. Select *Import* option under *Jobs* section as shown in the screenshot below.

Administration > Operations > Import & Export

Import & Export

Jobs

Import and export jobs.

Jobs (Deprecated)

Import and export jobs.

Services

Import and export your services.

Import & Export Files

Upload and download your import and export files.

6. Import *brightcove_jobs.xml* file.

7. Select site context for the jobs listed below:
    a. Brightcove-BulkAssign.
    b. Brightcove-BulkUpload.

8. Create jobs manually:
    a. Navigate to *Administration -> Jobs*.
    b. Create New Job.
    c. Select *Job Steps*.
    d. Enter step ID.
    e. Select scope

9. Jobs to be created:
    a. Bulk Assign
    b. Bulk Upload
    c. Clean Brightcove Folder

10. Steps:
    a. custom.bulkAssign (Specific-site)
    b. custom.bulkUpload (Specific-site)
    c. custom.CleanFolderBrightcove (Organization)

2.6.   Add Brightcove Features Under Roles & Permissions

1. Navigate to *Administration -> Organization -> Roles & Permissions*.
2. Select role from the list to grant access to Brightcove features.
3. Select *Business Manager Modules*.
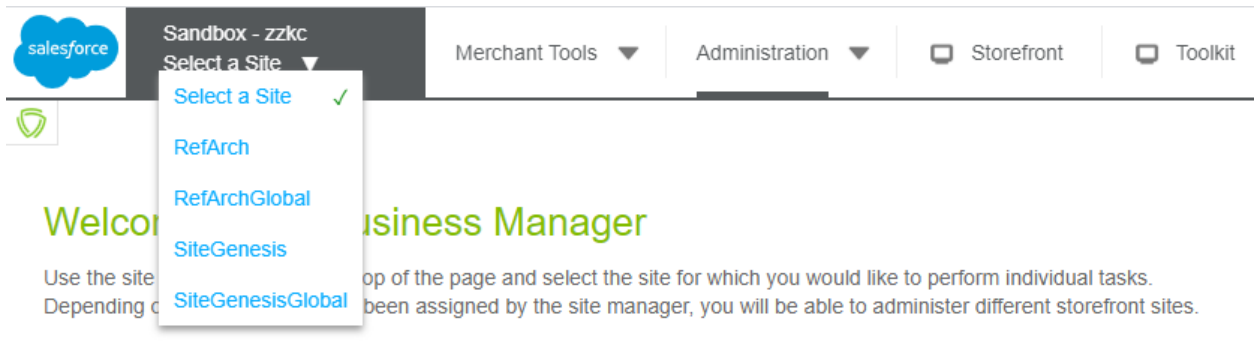4. Select *Site Context* as shown in the screenshot below.
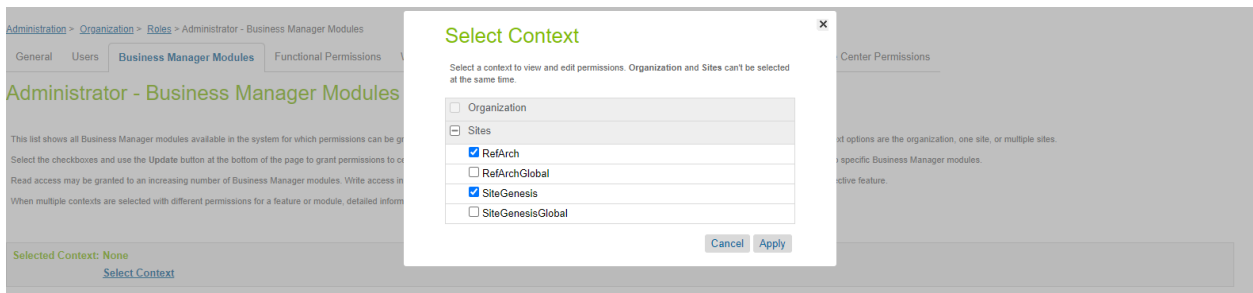
5. Apply context.
6. Scroll down to the *Brightcove* section.
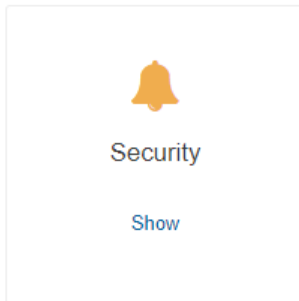7. Select all the features and click *Update* as shown is the screenshot below.

2.7. Configure Custom Site Preferences

1. Select a Site from the dropdown as shown in the screenshot below.

2. Navigate to *Merchant Tools -> Site Preferences -> Custom Preferences*
3. Select *Brightcove*.
4. Add the following values:
   a. Brightcove Account ID
   b. Brightcove ClientID
   c. Brightcove Client Secret
   d. Site Catalog

   as shown in the screen below.

Name	Value	Default Value	
Brightcove Enable* (BrightcoveEnabled) Enable or disable the Brightcove cartridge	Yes Enable or disable the Brightcove cartridge	Yes	Edit Across Sites
Brightcove Account ID*	6086037557001 Brightcove account ID		Edit Across Sites
Brightcove ClientID*	c9751ca2-1050-41cd-989e-7a733136c005 Brightcove account clientID		Edit Across Sites
Brightcove Client Secret*	fR6sOAJxE2BQg5Nf6jf26my0OA7UCRMUAV_R7f8jbFL6s_wWgu82k-odkxaSIy8RN Brightcove account Client Secret		Edit Across Sites

Brightcove Slot Limit*	5	11
	Number of slots for Brightcove videos assignemnt (1-11).	
Folder Name		
(BrightcoveFolderName) (String) Folder Name where all media files should be uploaded ☑	Folder Name where all media files should be uploaded	Brightcove_Folder
Site Catalog*		
(BrightcoveSiteCatalogs) (String) Catalog used by site	storefront-catalog-m-en	
	Catalog used by site	

5. Add Brightcove Slot Limit between *1 to 11*. The default value is *11*.
   a. Slots for Master Products (*master* and *m1-m10*)
   b. Slots for Variant Products (*v1-v11*)
   c. Slots for Categories (*c1-c11*)
6. Slot limit *5* will provide below slots for configurations
   a. Master products (*master* and *m1-m4*)
   b. Variant products (*v1-v5*)
   c. Categories (*c1-c5*)

3. Include Brightcove Video Rendering in ISML Files

3.1.   SFRA Cartridge – app_brightcove

1. Video rendering is supported for the below ISML files:
    a. productDetails.isml
    b. catLanding.isml
    c. searchResultsNoDecorator.isml
2. Include modules.isml
    `<isinclude template="modules">`
3. Include the tags from modules.isml file to render video
    a. Master Product Video `<isM1>`, this will render the video assigned to the *m1* slot
    b. Variant Product Video `<isV1>`, this will render the video assigned to the *v1* slot
    c. Category Video `<isC1>`, this will render the video assigned to the *c1* slot

3.2. SiteGenesis Cartridge – int_brightcove

1. Video rendering is supported for the below ISML files:
    a. productcontent.isml
    b. producttopcontent.isml
    c. categoryproducthits.isml
    d. catlanding.isml
2. Include modules.isml
   `<isinclude template="modules">`
3. Include the tags from modules.isml file to render video
    a. Master Product Video `<isM1>`, this will render the video assigned to the **m1** slot
    b. Variant Product Video `<isV1>`, this will render the video assigned to the **v1** slot
    c. Category Video `<isC1>`, this will render the video assigned to the **c1** slot