



# Feature at a Glance

## Enhancements to PunchOut catalog configuration and creation (NP-32037)

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# Feature at a Glance

Ease of implementation  High Touch  
Geographic relevance  Global

## Introducing: Enhancements to PunchOut catalog configuration and creation

### Customer challenge

The PunchOut L1 creation steps

- Were spread across different areas of the product
- Had functionality that was split between different sections of the experience leading to suppliers having to spend extra effort in creating L1 catalogs
- Only one PunchOut URL specification was possible across all buyers

### Meet that challenge with SAP Ariba

The Improved process provides the following key capabilities:

- Provides one single interface to configure your PunchOut configurations
- Provides the capability to provide one L1 index file template that can be re-used across buyers while creating your index catalog

### Experience key benefits

- Suppliers can now specify different PunchOut URLs for different buyers (Note: we still support only one URL per buyer)
- They can specify the creation of an index file template that can be re-used to create a catalog subscription
- Server Name Identification is turned on by default for PunchOut URLs and you have the capability as a supplier to turn it off without Ariba Support involvement

### Solution area

Ariba Network, Suppliers

### Implementation information

This feature is automatically on for all customers with the applicable solutions but requires customer configuration.

Existing configurations will be migrated over to the new setup automatically and will require no steps from the user.

### Prerequisites and Restrictions

- Ariba Network supplier catalog capability

## Feature at a Glance

# Introducing: **Enhancements to PunchOut catalog configuration and creation**

### **Detailed feature information – Feature Scope**

This feature improves the L1 PunchOut catalog creation process by consolidating the Punchout creation configurations into one interface, changing the current 'Create PunchOut Only' experience into the ability to specify a L1 index file starter with the mandatory information filled in so that can be re-used to quickly create catalog subscriptions for buyers.

# PunchOut Configuration changes

## Feature in Detail

### Introducing: Enhancements to PunchOut catalog configuration and creation

- A. 'Create PunchOut Only' has been dropped from the Catalog listing page
- B. New Tab for Punchout Configuration
- C. Existing catalogs will be under the 'File' Section
- D. From 'Create Standard' renamed to 'Create'

The screenshot shows the SAP Business Network 'Catalogs' page. The header includes 'SAP Business Network', 'Enterprise Account', and navigation links like 'Home', 'Enablement', 'Workbench', 'Orders', 'Fulfillment', 'Invoices', 'Payments', 'Catalogs', and 'Reports'. A 'Create' button is visible in the top right. The main content area is titled 'Catalogs' and contains a table with columns: Customer Name, Catalog Name, Version, File Name, Type, Size, Visibility, Created By, Date Created, Status, and Date Status Received. Two rows are visible: one for 'None' with 'Test001' and one for 'Buying Organization gcpdev06-001' with 'TestPunchOut'. Below the table are buttons for 'View/Edit', 'Test', 'Delete', 'Create Standard', 'Create Punchout Only', and 'Refresh'. A search bar for 'Catalog Name' is also present.

This screenshot shows a different view of the 'Catalogs' page, specifically the 'File' section. A 'PunchOut Configuration' tab is highlighted. A yellow 'New' button is prominently displayed. The table below shows a list of catalogs for 'ABC Company Inc' with columns: Customer Name, Catalog Name, Version, File Name, Type, Size, Visibility, Created By, Date Created, Status, and Date Status Received. The first row is selected and shows 'cate\$%#\_?J' as the catalog name and 'catalog\_file.cif' as the file name. The status is 'Pending Buyer Validation'. Below the table are buttons for 'View/Edit', 'Test', 'Delete', 'Create', and 'Refresh', along with a search bar for 'Catalog Name'.

# Feature in Detail

## Introducing: Enhancements to PunchOut catalog configuration and creation

PunchOut URL specification and Pricing updates are moved to the Catalogs section under PunchOut Configuration tab from Electronic Order Routing - > Configure cXML (native) integration

**cXML Setup**  
cXML is an electronic format for sending and receiving business documents.  
\* Indicates a required field

**Authentication Method**  
Ariba Network requires an authentication method to process all cXML documents it validates.

Select an authentication method:  This selection will refresh the page content.

Current Shared Secret: \*

New Shared Secret: \*  ⓘ

Confirm Shared Secret: \*

**Profile URL**  
Ariba Network uses the cXML Profile transaction to retrieve a list of the URLs of supported cXML transactions from your organization. Ariba Network sends a ProfileRequest transaction once in 24 hours when it needs to send a cXML document and caches the response. If you need to reset your cached cXML profile on Ariba Network, click Reset Profile. The next time Ariba Network needs to send you a cXML document, it gets your updated cXML profile. It is recommended that you use the ProfileRequest method when you specify your cXML URLs.

Enter your Website's URL for receiving ProfileRequest documents.

Profile URL:  [Reset Profile](#)

**PunchOut URL**  
PunchOut allows customers to perform shopping and product selection directly on your Website.  
Enter your Website's URL for receiving PunchOutSetupRequest documents. If you support ProfileRequest documents (recommended), you can leave this field empty.

PunchOut Request URL:

**Pricing Updates**  
If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a custom URL or the same as the PunchOut Request URL.

Get updated pricing lists from:

[Save](#) [Close](#)

ⓘ The Punchout URL and Pricing updates has been moved to Catalogs listings. On the Catalog page, click Create Punchout, then you can set up Punchout URL and Pricing updates.

cXML is an electronic format for sending and receiving business documents.  
\* Indicates a required field

**Authentication Method**

**Catalogs**

[File](#) [PunchOut Configuration](#)

Manage catalogs for your customers using the catalog d

## Feature in Detail

### Introducing: Enhancements to PunchOut catalog configuration and creation

Existing punchout URL and pricing URL will be moved to 'Default' with the Description 'Migrated from CXML setup'. They will continue to work as before no changes are required.

You can View/Edit the configuration as well as Delete them.

Customers with no PunchOut configurations will see an empty list

The image displays two screenshots of the SAP 'Catalogs' management interface. The top screenshot shows a table with two catalog entries. The bottom screenshot shows an empty table with the message 'No PunchOut Configuration'.

**Top Screenshot: Catalogs with configurations**

File: [PunchOut Configuration](#)

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel files (.cif, .xml, .xls or .zip). Some customers might have defined specific catalog validation rules, which you can view [More](#)

Page 1

Name	Customer Name	Description	URL	Created By	Date Created
<input type="radio"/> Default		Migrated from cxml setup	<a href="https://test.com/punchout">https://test.com/punchout</a>	jU-thwFGkVV5c628e1f10114609524 lastName	30 Nov 2021
<input checked="" type="radio"/> Test Name 1	ABC Company Inc	This is a sample of description,...	<a href="https://test.com/punchout/abc">https://test.com/punchout/abc</a>	jU-thwFGkVV5c628e1f10114609524 lastName	30 Nov 2021

View/Edit Test Delete Create Refresh Search Catalog

Home Enablement Workbench Orders Fulfillment Invoices Payments Catalogs Reports Messages Create

File: [PunchOut Configuration](#)

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel files (.cif, .xml, .xls or .zip). Some customers might have defined specific catalog validation rules, which you can view [More](#)

Page 1

Name	Customer Name	Description	URL	Created By	Date Created
No PunchOut Configuration					

View/Edit Test Delete Create Refresh Search Catalog

## Feature in Detail

# Introducing: Enhancements to PunchOut catalog configuration and creation

The image shows two screenshots from the SAP system. The left screenshot shows the 'Catalogs' list with a table of existing catalogs and a 'Create' button highlighted with a yellow box. The right screenshot shows the 'Create PunchOut Configuration' dialog with various input fields and a customer selection list also highlighted with a yellow box. Arrows point from the 'Create' button and the customer selection list to the explanatory text below.

**Catalogs**

File [PunchOut Configuration](#)

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Exo

Name	Customer Name	Description	UF
<input type="radio"/> Default		Migrated from cxml setup	htt
<input checked="" type="radio"/> Test Name 1	ABC Company Inc	This is a sample of description...	htt

**Create PunchOut Configuration**

Fill out the following information to configure your PunchOut URL.

Name: \*

PunchOut URL: \*

PunchOut allows customers to perform shopping and product selection directly on your Website. Enter your website's URL for receiving PunchOutSetupRequest documents. It is recommended to leave this field blank if you support ProfileRequest documents.

Visibility:  Public - The URL is applicable for all your customers  
 Private - Choose the customer who will be directed to the URL below

Customers ↑

<input type="checkbox"/>	011lvJ5r54080557100152059d8
<input type="checkbox"/>	04YKHaTh5407ce6c100153037125
<input type="checkbox"/>	0BuuGoPD5407ceb7100153037165
<input type="checkbox"/>	0dTIAcC35407ce05100153037c9
<input type="checkbox"/>	0dyHegyF5407ce9b10015303714d
<input type="checkbox"/>	0lftthp3x5408021c10015206140
<input type="checkbox"/>	0lNlfi9y54080577100152059f0
<input type="checkbox"/>	0JgzNmWs5408058b100152059fe
<input type="checkbox"/>	0LceZjY554b4bf2210028504219b
<input type="checkbox"/>	0NYeLiau540804b110015205966

Authentication:  Default Authentication  
 Customized Authentication

Pricing Updates:

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a custom URL or the same as the PunchOut Request URL.

Server name indication:  ⓘ

Click on “Create” to create a configuration that you specify the connection information for.

Note:

1. This does not create a catalog index file but only stores how you connect to you webstore.
2. The customer selection section will not be visible on the screen when the catalog visibility is selected to Public.



## Feature in Detail

### Introducing: Enhancements to PunchOut catalog configuration and creation

You can specify the URL to be for all customers or specific customer.

You have the option of specifying 1 URL per customer or you can also specify only one public URL for the customers depending on catalog visibility.

Visibility: \*  Public - All Customers can view the catalog. Customers that have a trading relationship with you can also receive the published catalog  
 Private - Only the selected customers that have a trading relationship with you can view and receive the catalog

<input type="checkbox"/> Customers ↓	Catalog Validation Rules	Validation Status for Version 1
<input checked="" type="checkbox"/> ABC Company Inc	<a href="#">View</a>	Pending Validation

Your current setup will be migrated automatically under the name of "Default". You can add additional PunchOut URL including different URLs for different customers.

Catalogs

File [PunchOut Configuration](#)

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel files (.cif, .xml, .xls or .zip). Some c

Name	Customer Name	Description	URL
<input checked="" type="radio"/> Default		Migrated from cxml setup	<a href="https://test.com/punchout">https://test.com/punchout</a>
<input type="radio"/> Test Name 1	ABC Company Inc	This is a sample of description,...	<a href="https://test.com/punchout/abc">https://test.com/punchout/abc</a>

↳ [View/Edit](#) [Test](#) [Delete ▼](#) | [Create](#) [Refresh](#) | Name

# Feature in Detail

## Introducing: Enhancements to PunchOut catalog configuration and creation

Provide a name, URL and any pricing update URLs.

Name: \*

PunchOut URL: \*

Authentication: \*  Default authentication  Customized authentication

Pricing updates: \*

You can choose to reuse the authentication under cXML setup or provide a new authentication (Shared secret/Certificate) for your URL. Providing the new authentication mechanism is applicable ONLY for this URL and does not affect your cXML authentication.

PunchOut allows customers to perform shopping and product selection directly on your website. Enter your Website's URL for receiving PunchOutSetupRequest documents. If you support ProfileRequest documents (recommended), you can leave this field empty.

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a custom URL or the same as the PunchOut Request URL

Picks from

**cXML Setup**

cXML is an electronic format for sending and receiving business documents.  
\* Indicates a required field

**Authentication Method**

Ariba Network requires an authentication method to process all cXML documents it validates.

Select an authentication method:  This selection will refresh the page content.

Current Shared Secret: \*

New Shared Secret: \*  ⓘ

Confirm Shared Secret: \*

Authentication: \*  Default authentication  Customized authentication

Authentication method:

Certificates: 

```
-----BEGIN CERTIFICATE-----
MIIDhjCCAm5gAwIBAgICSewwDQYJKoZIhvcNAQEFBQAwbjELMAkGA1UEBhMCV
VMx
DDAKBgNVBAoTA1NBUEUUMBIGA1UECXMlRW5naW5lZCJpbmVzOzASBgNVBA
MTMkFy
aWJhEUVuZ2luZWVyaW5nIFRlc3QgQ0EgKG5vdCBmb3JgcHJvZHVjdGlvbiB1c2Up
MB4XDTE4MDMyNjE5YnRlc3QgQ0EgKG5vdCBmb3JgcHJvZHVjdGlvbiB1c2Up
CVVMx
FDASBgNVBAoTC0FyaWJhLCBjbmuMRQwEgYDVQQLExwFbmdpbmVlcmluZzE
aMBGg
```

Backup certificates:

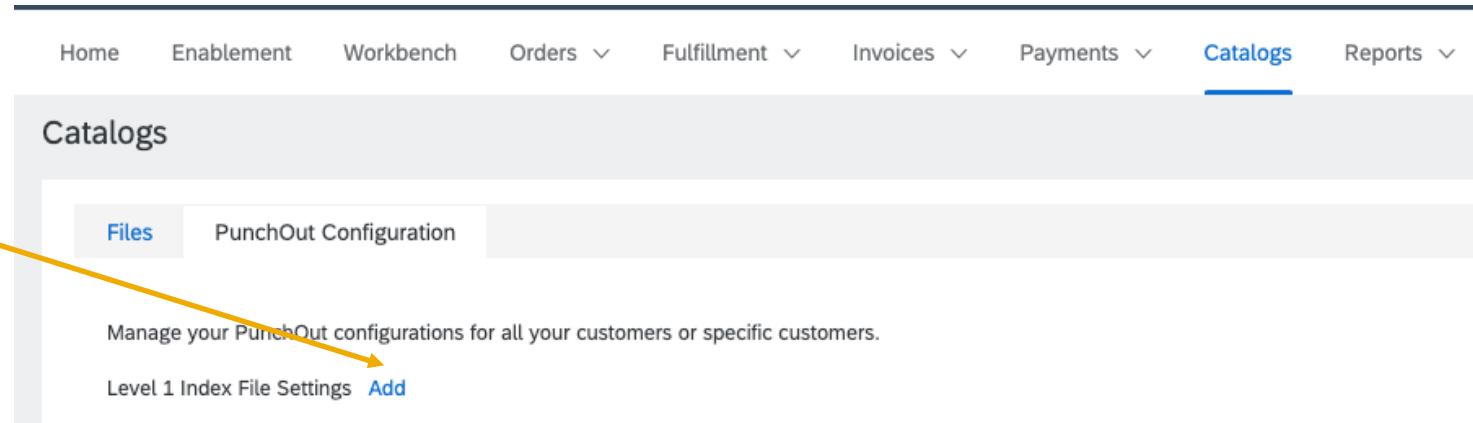
Server name indiation: \*  On

Switch this off if your URL is not SNI enabled

## Feature in Detail

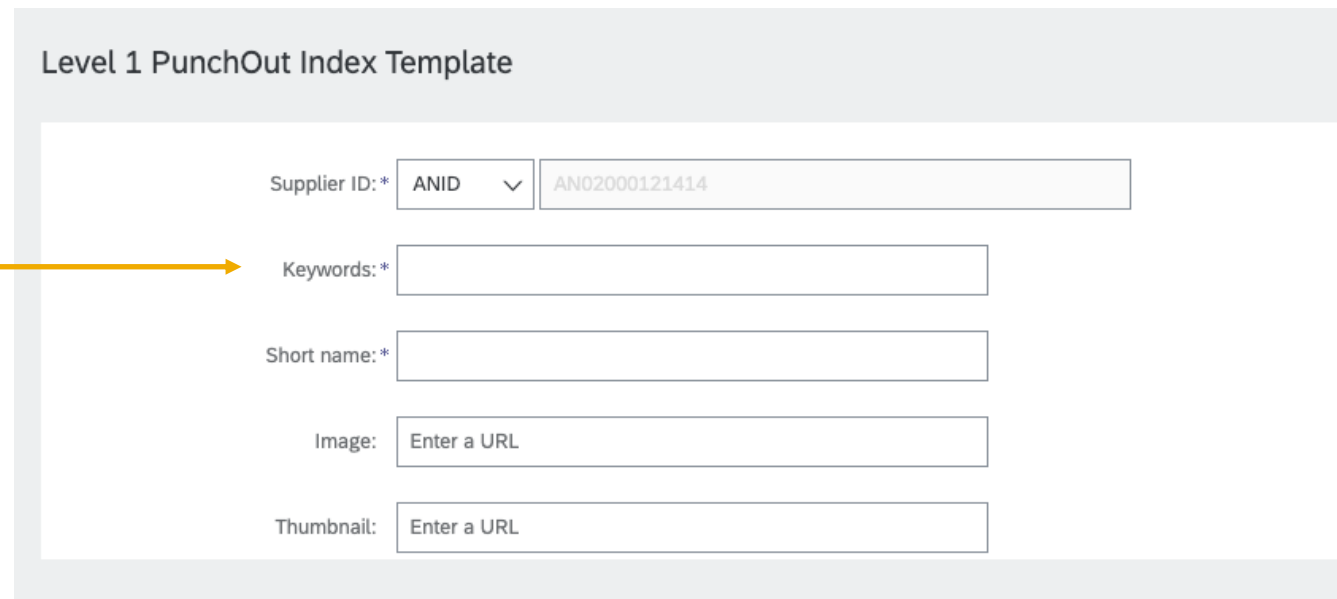
### Introducing: Enhancements to PunchOut catalog configuration and creation

Under the 'PunchOut Configuration' you will now find a place to create your Index File Settings



The screenshot shows the SAP Catalogs interface. The top navigation bar includes Home, Enablement, Workbench, Orders, Fulfillment, Invoices, Payments, Catalogs (highlighted), and Reports. Below the navigation bar, the 'Catalogs' section is active, showing a sub-section for 'PunchOut Configuration'. A yellow arrow points from the text on the left to the 'Add' link next to 'Level 1 Index File Settings'.

Commonly re-used L1 index file data can be populated here so that it expedites the catalog creation process



The screenshot shows the 'Level 1 PunchOut Index Template' form. It contains several input fields: 'Supplier ID: \*' with a dropdown menu set to 'ANID' and a text box containing 'AN02000121414'; 'Keywords: \*' with an empty text box; 'Short name: \*' with an empty text box; 'Image: Enter a URL' with an empty text box; and 'Thumbnail: Enter a URL' with an empty text box. A yellow arrow points from the text on the left to the 'Keywords: \*' field.

# Feature in Detail

## Introducing: Creating a Catalog with Index File

For creating a PunchOut Catalog, go to the files section and click on Create Button.

The screenshot displays the SAP Catalogs interface. At the top, the 'Files' tab is selected under 'PunchOut Configuration'. Below this is a table listing existing catalogs. A yellow box highlights the 'Create' button at the bottom of the table. To the right, the 'Create a New Catalog' form is shown. The 'Details' step is active, with a yellow box highlighting the 'PunchOut Level 1' checkbox. The form includes fields for 'Catalog Name', 'Description', and 'Commodities'. A 'Next' button is visible at the bottom right of the form.

Customer Name	Catalog Name	Version	File Name	Type	Size	Visibility	Created By	Date Created	Status	Date Status Received
011lvJ5r54080557100152059d8	Catalog_Sildy_9_Jul	1	CIF30template.xls	CIF3.0	2 KB	Private	Kevin Clements	6 Jul 2022	Pending Buyer Validation	
	punchout_cusomisation_test_HAC	1	154848Punchoutcatalog.cif	CIF3.0	830 B	Private	Kevin Clements	21 Jun 2022	Validated by Customer	21 Jun 2022
	Jun21_SA_CatalogPunchOut_v1	1	154846Punchoutcatalog.cif	CIF3.0	859 B	Private	Kevin Clements	21 Jun 2022	Activated	21 Jun 2022
	June21_Sync_v1	1	154844Punchoutcatalog.cif	CIF3.0	857 B	Private	Kevin Clements	21 Jun 2022	Activated	21 Jun 2022
	June17_CS_v	1	154832Punchoutcatalog.cif	CIF3.0	843 B	Private	Kevin Clements	17 Jun 2022	Pending Buyer Validation	
	June17_Compsupply	1	154830Punchoutcatalog.cif	CIF3.0	861 B	Private	Kevin Clements	17 Jun 2022	Validated by Customer	17 Jun 2022
	June13_Punchout001	1	154807Punchoutcatalog.cif	CIF3.0	844 B	Private	Kevin Clements	13 Jun 2022	Activated	13 Jun 2022
	June10_Punchout003									
	June10_Punchout002									
	June10_PunchOut_001									
	Monitor and Keyboards									
	June06_NewCatalog									
	June06_NewPunchoutAc									
	June06_NewPunchoutTe									
	June01_Cif_Test									
	June01_Punchout003									
	June01_Test_of_Catalog									
	June01_Punchout002									
	June01_Punchout002									
	June01_Punchout002									

**Create a New Catalog**

Enter a catalog name and descriptive text. Customers can search using this information. Add commodity codes to your catalog. \* indicates required field

1 Details  
2 Subscriptions  
3 Content

Catalog Name: \*  
PunchOut Level 1:   
Created By: Kevin Clements  
Date Created: Monday 8 Aug 2022 5:07 PM GMT+05:30  
Description:   
Characters left: 1000  
The maximum number of characters allowed is 1000, including spaces.  
Commodities:   
Description  
No items  
Delete Add

Enter the Catalog Name, Description and select the PunchOut Level 1 Check Box to apply the defined PunchOut Configurations under the PunchOut Configurations Section.

## Feature in Detail

### Introducing: Creating a Catalog with Index File

In the Subscriptions section, define the keywords used as filters for your webstore (This value is often used to filter your webshop catalog views)

Provide the Catalog Code based on the selected classification system

Based on the Buyers for which the catalog should be visible if the Catalog Visibility selected is Private.

No Buyer selection needed for Public Catalog, as the catalog will be visible to all the Buyers.

The screenshot shows the 'Create a New Catalog' interface with three main sections: Details, Subscriptions, and Content. The Subscriptions section is active, showing a 'Keyword filter(Supplier Part ID):\*' field with a note: 'This value is often used to filter your webshop catalog views'. The Content section shows a 'Catalog code:\*' dropdown menu with 'UNSPSC' selected, and an 'Item description:\*' text area with a note: 'The maximum number of characters allowed is 1000, including spaces.' and 'Characters left: 1000'. The 'Visibility' section has 'Private' selected, with a note: 'Only the selected customers that have a trading relationship with you can view and receive the catalog'. The 'Customers' table below shows four entries, each with a radio button, a 'Buying Organization' ID, a 'Buyer System ID (optional)' field, a 'View' link, and a 'Validation Status for Version 1' of 'Pending Validation'.

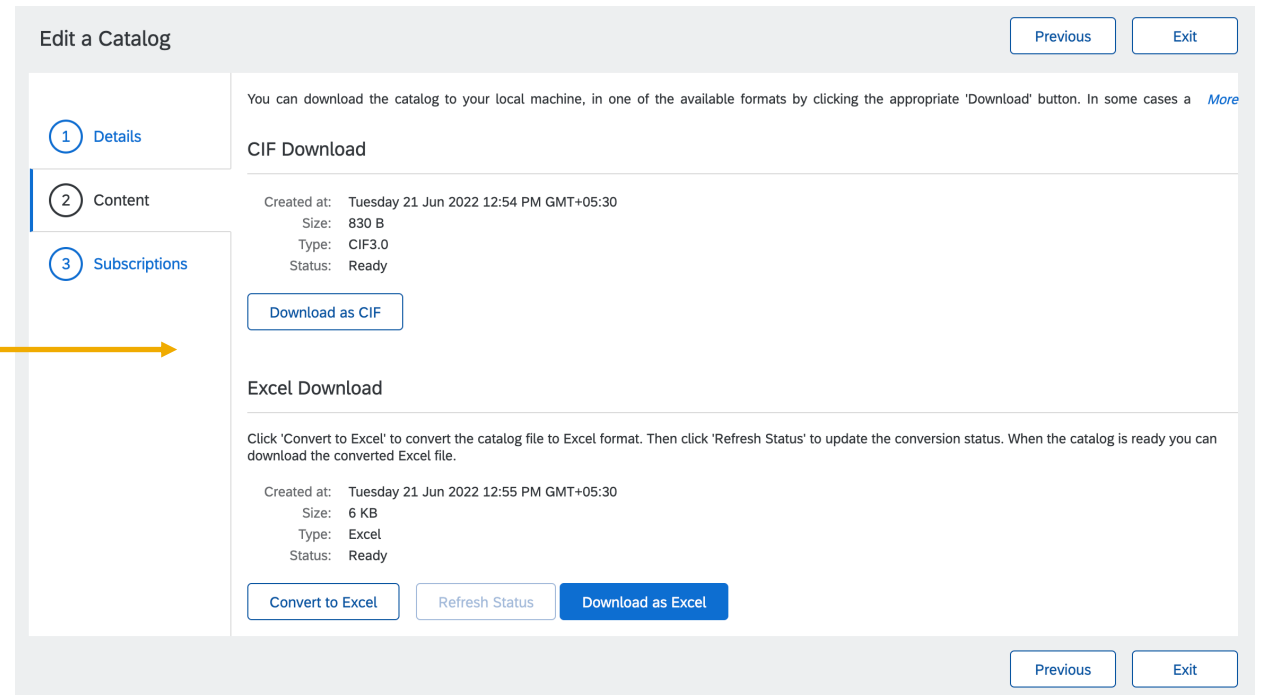
Customers	Buyer System ID (optional)	Catalog Validation Rules	Validation Status for Version 1
<input type="radio"/> Buying Organization gcpdev06-001		<a href="#">View</a>	Pending Validation
<input type="radio"/> Buying Organization gcpdev06-002		<a href="#">View</a>	Pending Validation
<input type="radio"/> Buying Organization gcpdev06-003		<a href="#">View</a>	Pending Validation
<input type="radio"/> Buying Organization gcpdev06-004		<a href="#">View</a>	Pending Validation

# Feature in Detail

Once the user clicks on Validate and Publish Catalog, a Catalog File is generated after successfully validation.

This Catalog File can be viewed in the Content Section and can be downloaded as CIF file.

The CIF file can also be converted to Excel format and downloaded in Excel Format.



Sample CIF File

Various Field Names defining the Catalog Items

```
CIF_I_V3.0
CHARSET: UTF-8
LOADMODE: F
CODEFORMAT: UNSPSC
CURRENCY: USD
SUPPLIERID_DOMAIN: NETWORKID
ITEMCOUNT: 1
TIMESTAMP: 2022-05-23 00:33:04 America/Los_Angeles
UNUOM: TRUE
COMMENTS: This is a CIF 3.0 file with punch out item generated by Ariba.com
FIELDNAMES: Supplier ID, Supplier Part ID, Manufacturer Part ID, Item Description, SPSC Code,
DATA
AN01000000106,MonitorAdmin,AAA,"Monitoring parts",4600100,1,EA,1,MMM-C,,,,{UNSPSC=4600100},Mor
ENDOFDATA
```

```
SPSC Code, Unit Price, Unit of Measure, Lead Time, Manufacturer Name, Supplier URL, Manufacturer URL, Market Price, Classification Code, Keywords, Short Name, Image, Thumbnail, PunchOut Enabled
600100},Monitors,Monitors,https://ss7.vzw.com/is/image/VerizonWireless/samsung-galaxy-tab-s7-lite-fe-smt738uzka,https://ss7.vzw.com/is/image/VerizonWireless/samsung-galaxy-tab-s7-lite-fe-smt738uzka,true
```

# Feature in Detail

## Introducing: Creating a Catalog with Index File

Create a New Catalog Previous **Next** Exit

1 Details  
2 Subscriptions  
3 Content

Add customers and set the catalog visibility for customers. Click the customer's name to view validation rules on your customer's site.

You can receive status updates on catalogs, including catalog errors from your customer through email. To receive emails, click [Manage Profile](#) and enter the email address in the Email notification section.

Keyword filter(Supplier Part ID):\*   
This value is often used to filter your webshop catalog views

Catalog code: UNSPSC

Item description\*

Level 1 PunchOut Index Template

Supplier ID:\* ANID

Keywords:\*

Short name:\*

Image:

Thumbnail:

The data values for the fields in the CIF file come from the values specified in the L1 Index Template and the values provided while creating the Catalog file.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	CIF_I_V3.0																		
2	CHARSET:	UTF-8																	
3	LOADMODE:	F																	
4	CODEFORMAT:	UNSPSC																	
5	CURRENCY:	USD																	
6	SUPPLIERID_DOMAIN:	NETWORKID																	
7	ITEMCOUNT:	1																	
8	TIMESTAMP:	2022-08-09 01:59:51 America/Los_Angeles																	
9	UNUOM:	TRUE																	
10	COMMENTS:	This is a CIF 3.0 file with punch out item generated by Ariba.com																	
11	FIELDNAMES: Supplier ID	Supplier Part ID	Manufacturer	Item Description	SPSC Code	Unit Price	Unit of Measure	Lead Time	Manufacturer	Supplier UI	Manufacturer	Market Price	Classification	Keywords	Short Name	Image	Thumbnail	PunchOut	Enabled
12	DATA																		
13	AN0100000106	Accessories	AAA	Computer e	123456	1	EA	1	MMM-C				{UNSPSC=	Computer equipment	Computer s	https://ss7.	https://ss7.	true	
14	ENDOFDATA																		
15																			

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