

# Overview

For each Kill Bill deployment, you can run multiple tenants. A few examples of running different tenants for your organization include:

- Software development environments (coding, testing, production, etc.)
- Product lines (brick-and-mortar, online ecommerce, etc.)
- Regions (north, southeast, central, etc.)



**Important:** If you have already created tenants using the API, you must also add them in Kaui in order for Kaui to recognize them.

## Additional Resources

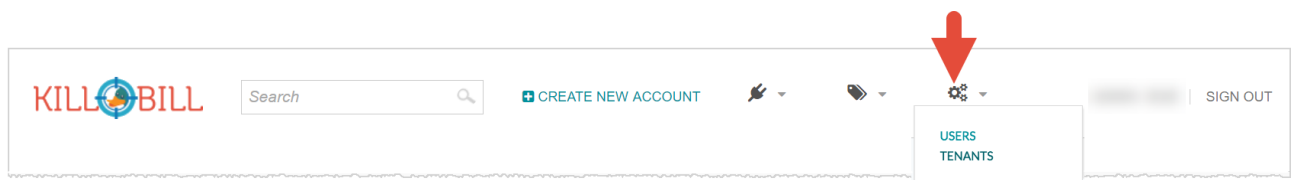
- [Tenant API](#)
- [Multi-Tenancy and Authorization](#)
- [Per Tenant Properties](#)

## Create a Tenant


The *first time* that you login after installing Kaui, you will see the Add New Tenant screen. Start at step 3 below.

To create *additional* tenants, follow the steps below.

1. At the top of the screen, click the gears icon (  ) and select **Tenants**.



Kaui displays a list of tenants on the Tenants screen:

| Kauai Tenants  |                                      |         |
|---|--------------------------------------|---------|
| NAME  | TENANT ID                            | API KEY |
| bob   | 74e03d65-f942-4650-9eba-3038e1440c0a | bob     |
| t1  | c39577f0-a73d-438c-bebd-657db67a2b6a | t1      |
| t2  | 2e6ff236-cb56-41e6-ad43-2dc43ceb99af | t2      |

2. Click the plus sign (  ) next to **Kauai Tenants**.

Kaui displays the Add New Tenant screen:

**Add New Tenant**

Name

t\_demo

API Key

t\_demo

API Secret

.....

SAVE

3. Enter the tenant **Name**, **API Key**, and **API Secret**.



**Note:** The API key and API secret pair are used in all HTTP requests to ensure that the user issuing the request has the correct permissions to access the tenant.

4. Click the **Save** button.

Kaui displays the Tenant Configuration page with the new tenant name in the upper right corner:

[CREATE NEW ACCOUNT](#)

admin / t\_demo [SIGN OUT](#)

Tenant was successfully configured

**Tenant Details**

Name: t\_demo  
Tenant ID: 2a381717-704d-48bf-ae7d-32a1fc58b823  
API Key: t\_demo

**Allowed Users**

| NAME  | DESCRIPTION |
|-------|-------------|
| admin |             |

Catalog Show

Overdue Show

Invoice Template

Invoice Translation

Catalog Translation

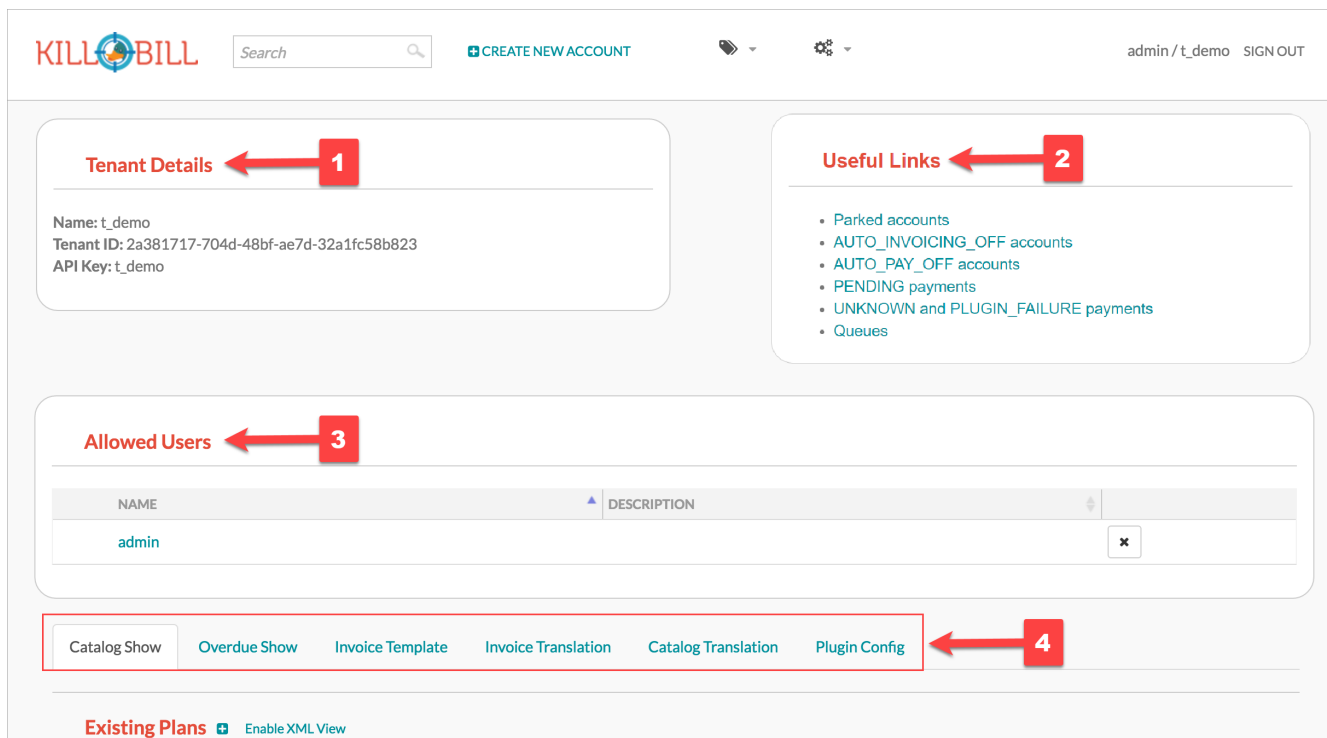
Plugin Config

Existing Plans

Enable XML View

## Tenant Configuration Page

This section explains the main areas of the Tenant Configuration page.




## 1 Tenant Details

This read-only area displays basic information about the tenant.

## 2 Useful Links

Click on a link to go to the associated list.

## 3 Allowed Users

This section displays the users who have permission to log on to this tenant. You can click on the user name to view that users's details or click on the plus sign (  ) to add a new user for the current tenant.

By default, the admin user has access to the tenant.

To add a user from this screen, see [Add an Allowed User to the Tenant](#). For more information, see the [Users, Roles, and Permissions](#) chapter.

## 4 Tenant Configuration Tabs

The tabs at the bottom of the Tenant Configuration page allow you upload various files that are specific to the current tenant:

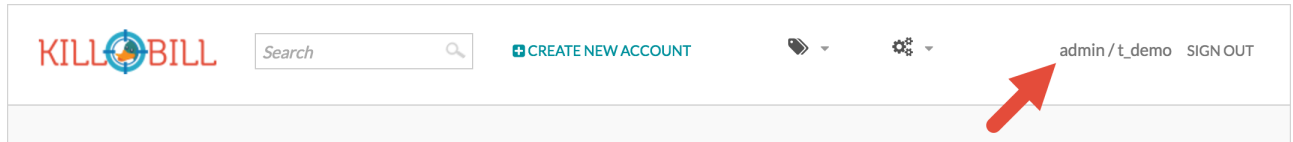
- [Catalog Show Tab](#)—Create and manage catalog XML files.
- **Overdue Show**—Create and manage the XML configuration file that helps to control Kill Bill's overdue (dunning) functionality.
- **Invoice Template**—Upload invoice template files.
- **Invoice Translation**—Upload translated invoice files.
- **Catalog Translation**—Upload translated catalog strings files.

- **Plugin Config**—Upload plugin configuration files.

## Add an Allowed User to the Tenant

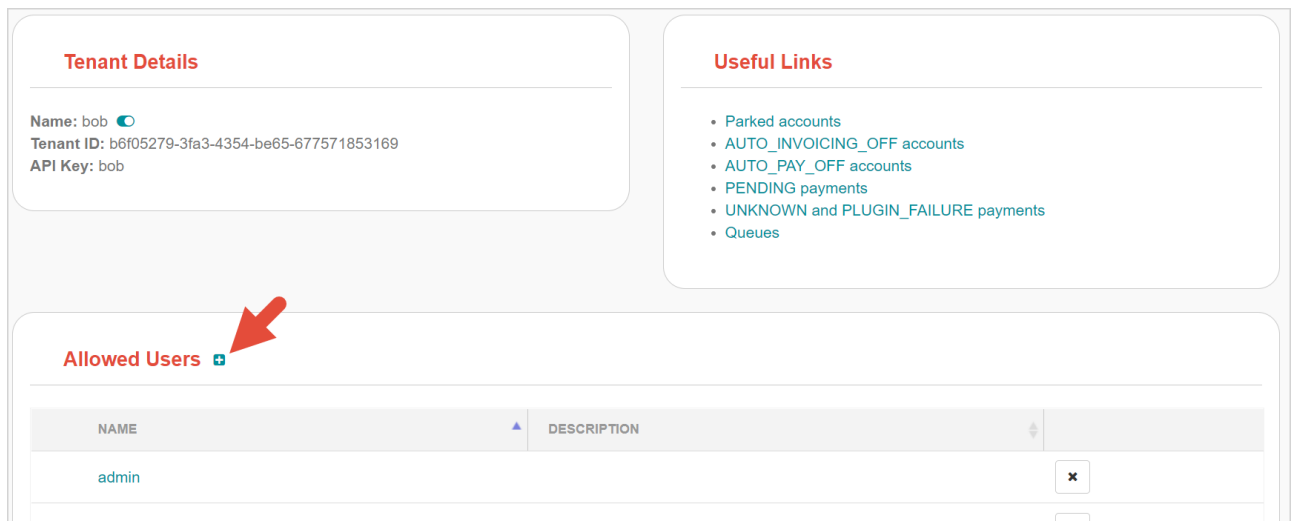
The steps below explain how to add an *existing* user to the current tenant. Before you begin, you should have created the user in the Kill Bill system by following the steps in the ["Add a User"](#) section.

1. Click on your username and tenant name in the upper right corner:

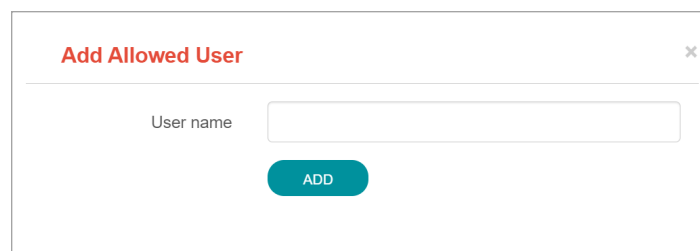


Kaui displays the Tenant Configuration page.

2. To the right of **Allowed Users**, click the plus icon (  ).



Kaui displays the Add Allowed User pop-up.



3. Type the user name into the **User name** field.
4. Click the **Add** button.

Kaui displays the newly added user to the Allowed Users list for the tenant.

## Remove a User from the Tenant

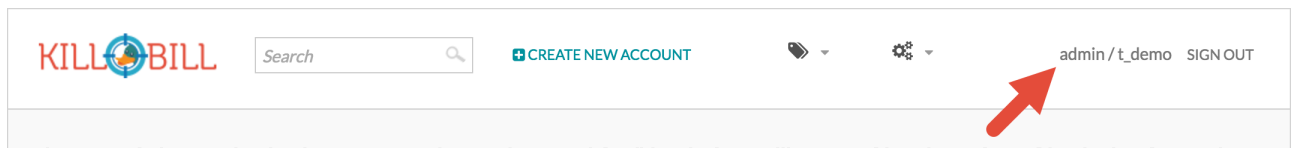
Perform the steps below to remove a user from the current tenant. Note that this does not delete

the user from the Kill Bill system.



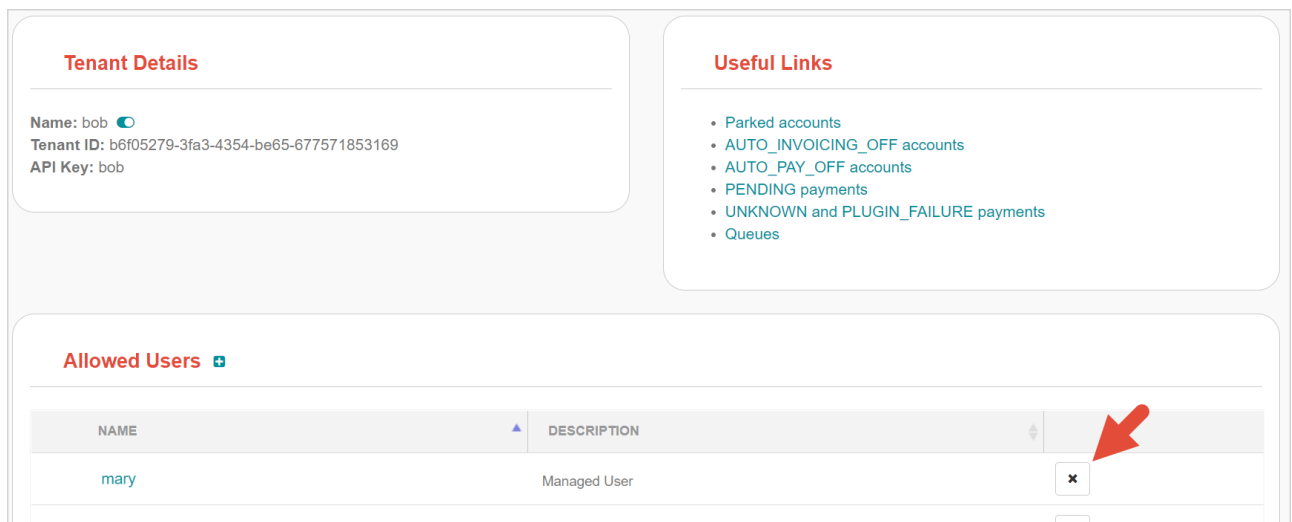
**Warning:** Deleting the **admin** user for a tenant means will remove administrative access to the tenant.

1. Click on your username and tenant name in the upper right corner:



Kaui displays the Tenant Configuration page.

2. In the **Allowed Users** section, click the black X to the right of the user to remove:



3. Click **OK** to confirm the deletion.

## Catalog Show Tab

This section explains how to use the Catalog Show tab to create and manage catalogs:

- [View Catalog Products and Plans](#)
- [Create a Simple Catalog](#)
- [Upload an XML Catalog](#)
- [View the Raw XML Catalog](#)
- [Delete a Catalog](#)
- [Download the catalog](#)

On this tab, you can also [add a currency to a plan](#).



**Note:** You cannot edit a raw XML catalog in Kaui.

## Additional Resources

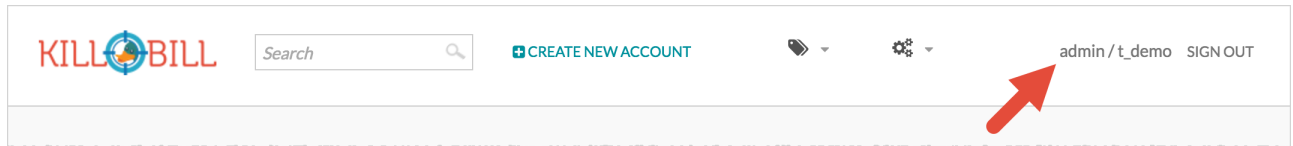
- [Catalog API](#)
- ["Catalog" section in Subscription Guide](#)

## View Catalog Products and Plans

You can view the current catalog's products and plans on the Catalog Show tab located at the bottom of the Tenant Configuration page.

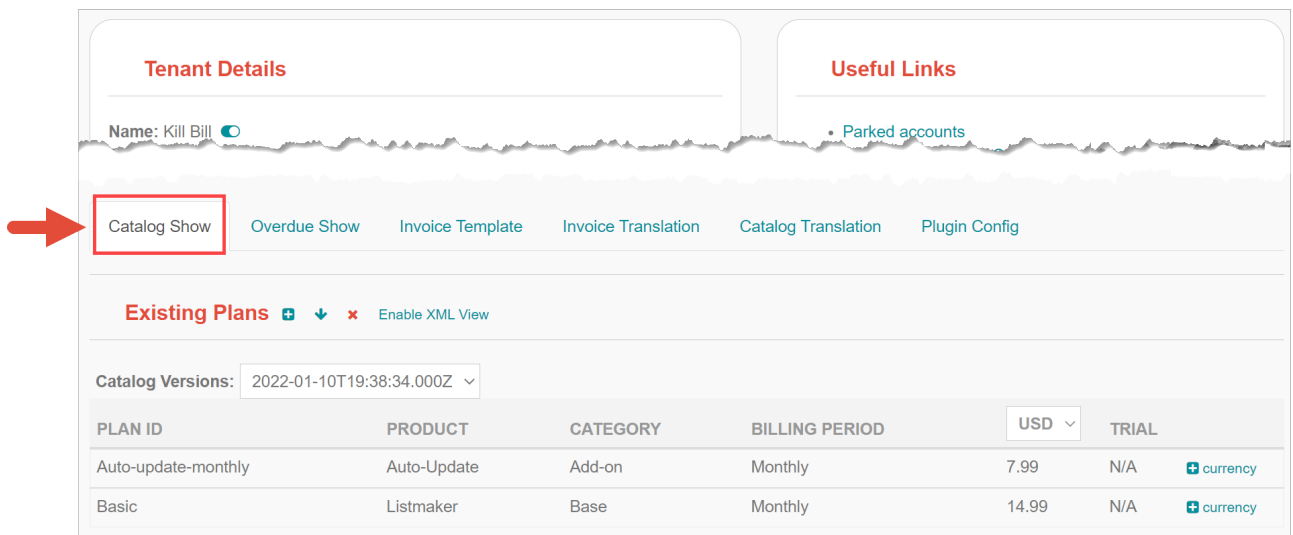
To get there:

1. Click on your username and tenant name in the upper right corner:



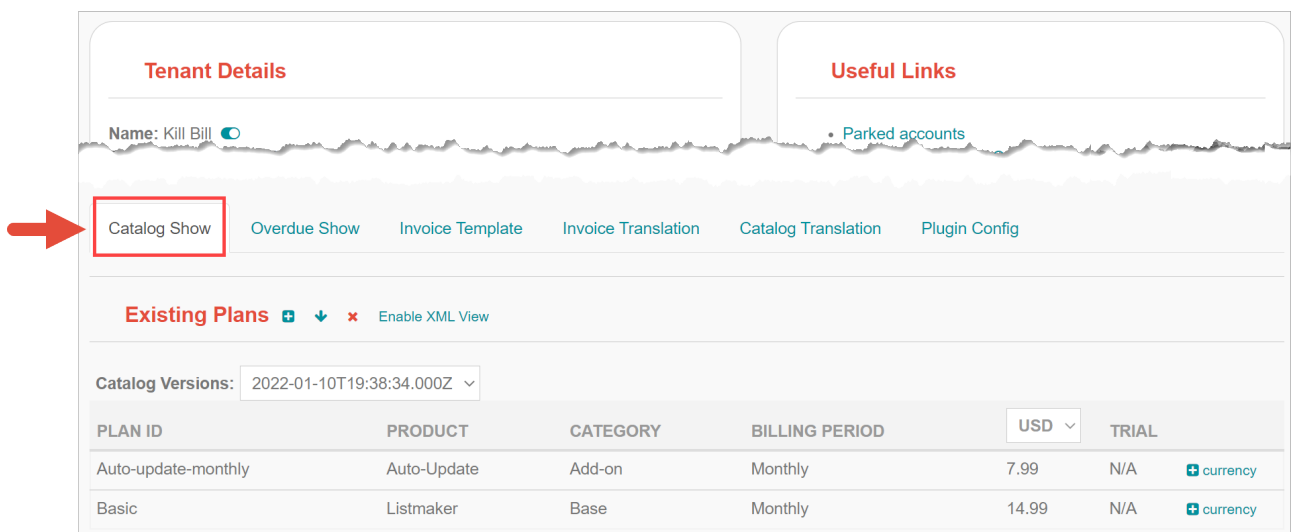
Kaui displays the Tenant Configuration page.

2. Scroll down until you see the Catalog Show tab:



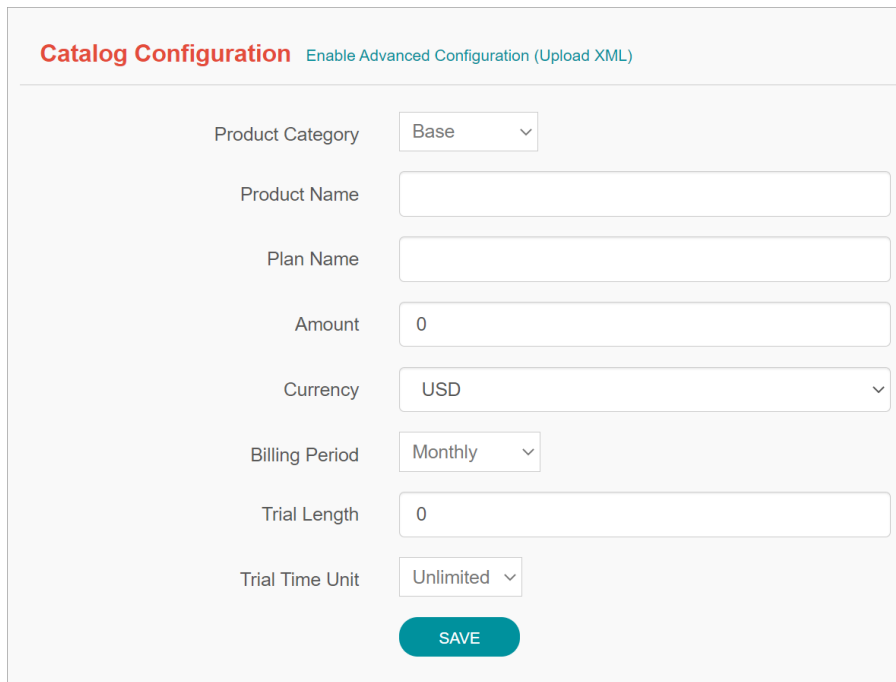
## Create a Simple Catalog

1. Go to the [Catalog Show tab](#) on the Tenant Configuration page.



2. Click the plus sign ( [+](#) ) next to **Existing Plans**.

Kaui opens the Catalog Configuration screen:



3. Fill in the fields. For field descriptions, see [Catalog Configuration Field Descriptions](#).
4. Click the **Save** button.

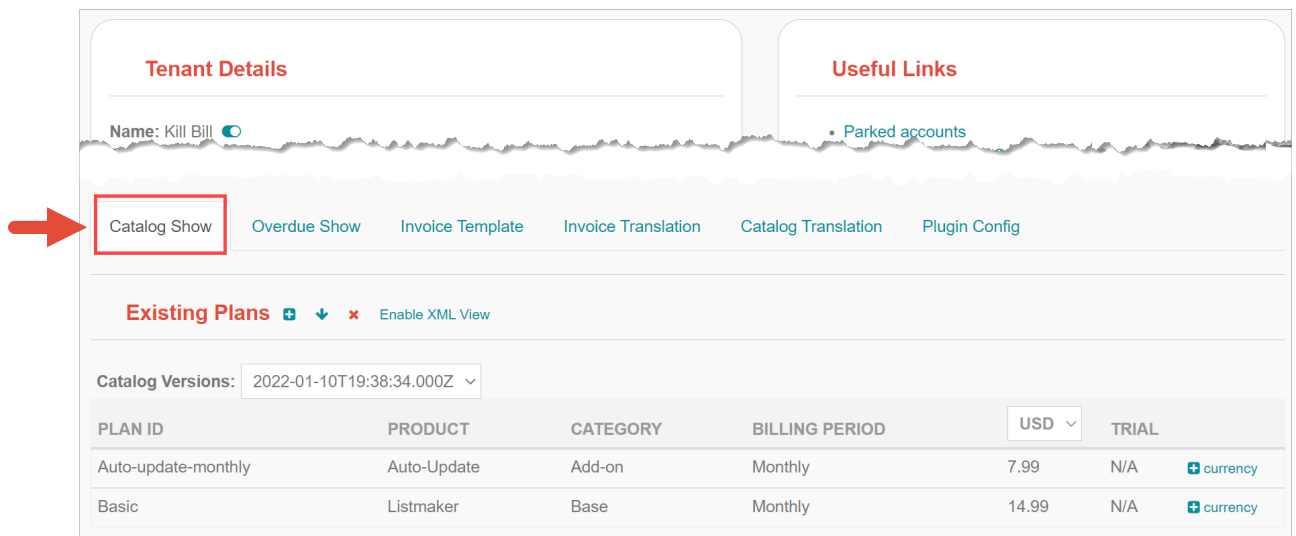
## Catalog Configuration Field Descriptions

For additional field information, see the [Catalog API](#).

| Field            | Description   |
|------------------|---|
| Product Category | Define whether this product is of the <b>BASE</b> , <b>ADDON</b> , or <b>STANDALONE</b> category: <ul style="list-style-type: none"><li>• Base products can have one or more addons.</li><li>• Add-on products can be bundled with a base product.</li><li>• Standalone products cannot have any add-ons.</li></ul> |
| Product Name     | The name assigned to the product you are selling.   |
| Plan Name        | The name of the plan, which defines how the product will be sold (for example, a monthly subscription or a one-time purchase).  |
| Amount           | The price of the plan to be paid every billing period.  |
| Currency         | The currency this plan uses. If you need to add more currencies, you can do so by <a href="#">adding a currency to a plan</a> .   |
| Billing Period   | The period for which the customer is billed.  |
| Trial Length     | Along with a unit of time ( <b>Trial Time Unit</b> below), defines the length of the trial.   |
| Trial Time Unit  | Along with the <b>Trial Length</b> number above, specifies the time interval for the trial.   |

## Add a Currency to a Plan

1. Go to the [Catalog Show tab](#) on the Tenant Configuration page.

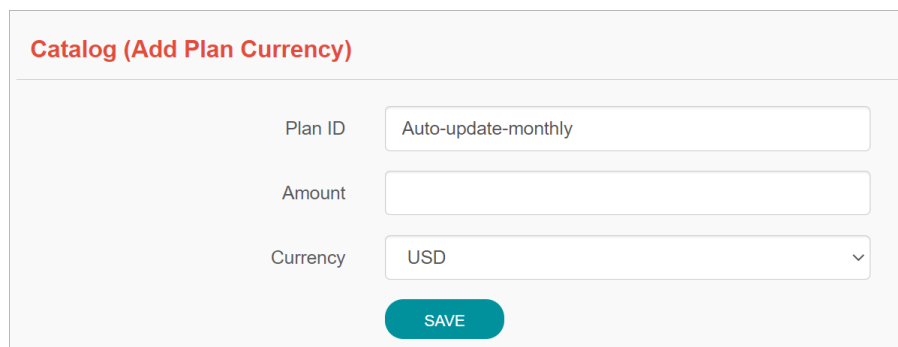


The screenshot shows the 'Tenant Configuration' page. At the top, there are two sections: 'Tenant Details' and 'Useful Links'. Below these is a horizontal navigation bar with several tabs: 'Catalog Show', 'Overdue Show', 'Invoice Template', 'Invoice Translation', 'Catalog Translation', and 'Plugin Config'. A red arrow points to the 'Catalog Show' tab, which is highlighted with a red border. Below the navigation bar, there is a section titled 'Existing Plans' with a '+', a '↓', and an 'x' icon, and a link 'Enable XML View'. Below this is a 'Catalog Versions' dropdown menu showing '2022-01-10T19:38:34.000Z'. Below the dropdown is a table with columns: 'PLAN ID', 'PRODUCT', 'CATEGORY', 'BILLING PERIOD', 'USD', and 'TRIAL'. The table has two rows: 'Auto-update-monthly' and 'Basic'. The 'USD' column has a dropdown menu showing 'USD'. The 'TRIAL' column has a '+ currency' link for each row.

| PLAN ID             | PRODUCT     | CATEGORY | BILLING PERIOD | USD   | TRIAL |
|---------------------|-------------|----------|----------------|-------|-------|
| Auto-update-monthly | Auto-Update | Add-on   | Monthly        | 7.99  | N/A   |
| Basic               | Listmaker   | Base     | Monthly        | 14.99 | N/A   |

2. On the row of the plan for which you want to add a currency, click + **currency** on the far right.

Kaui displays the Add Plan Currency screen:



The screenshot shows the 'Catalog (Add Plan Currency)' form. It has three input fields: 'Plan ID' with the value 'Auto-update-monthly', 'Amount' (empty), and 'Currency' with a dropdown menu showing 'USD'. Below the fields is a 'SAVE' button.

| Plan ID             | Amount | Currency |
|---------------------|--------|----------|
| Auto-update-monthly |        | USD      |

3. Fill in the fields:
  - **Plan ID**—By default, Kaui fills in this field based on the plan you selected, but you can change it to a different plan ID.
  - **Amount**—The cost of the plan in the new currency you're adding.
  - **Currency**—The currency you are adding.
4. Click the **Save** button. Kaui displays the new currency on the Catalog Show tab.

## Upload an XML Catalog

If you are replacing a catalog with a newer version, ensure that `<catalogName>` in the XML file is the same as the existing catalog.

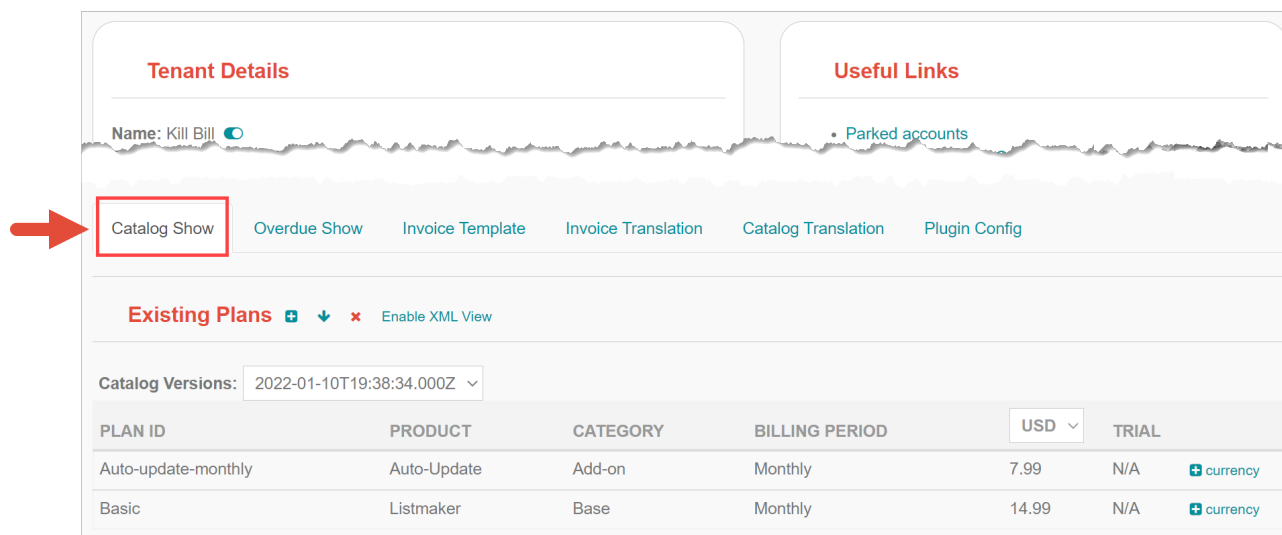


**Note:** To ensure a successful catalog file upload, check its validity with the [Kill Bill catalog validation tool](#).

To upload an XML catalog in Kaui:



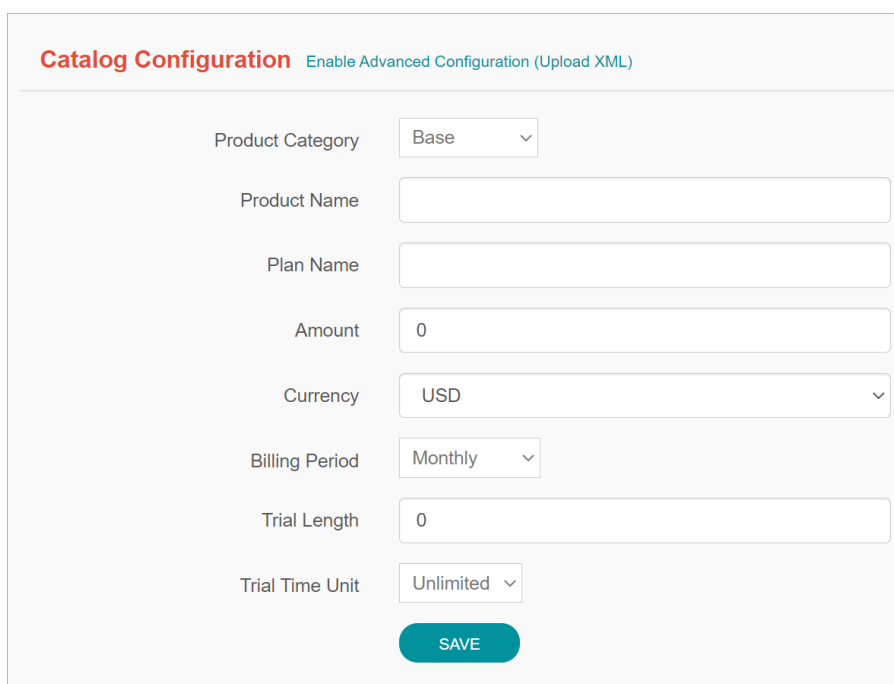
1. Go to the **Catalog Show** tab on the Tenant Configuration page.



The screenshot shows the 'Tenant Configuration' page. At the top, there are two tabs: 'Tenant Details' and 'Useful Links'. Below 'Tenant Details', the name 'Kill Bill' is displayed. A red arrow points to the 'Catalog Show' tab, which is highlighted with a red box. Other tabs include 'Overdue Show', 'Invoice Template', 'Invoice Translation', 'Catalog Translation', and 'Plugin Config'. Below the tabs, there is a section for 'Existing Plans' with a plus sign icon and a link to 'Enable XML View'. A 'Catalog Versions' dropdown is set to '2022-01-10T19:38:34.000Z'. Below this is a table with columns: PLAN ID, PRODUCT, CATEGORY, BILLING PERIOD, USD (currency), and TRIAL. The table contains two rows: 'Auto-update-monthly' with 'Auto-Update' product and 'Add-on' category, and 'Basic' with 'Listmaker' product and 'Base' category. Both have a 'Monthly' billing period and a price of 7.99 and 14.99 respectively, with 'N/A' for trial and a 'currency' icon.

2. Click the plus sign (  ) next to **Existing Plans**.

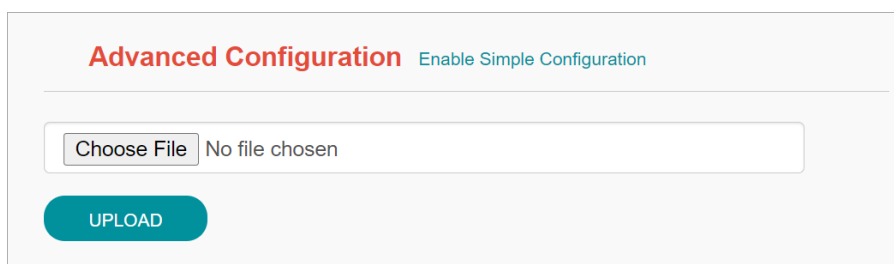
Kaui opens the Catalog Configuration screen:



The 'Catalog Configuration' screen has a title bar with 'Catalog Configuration' and a link to 'Enable Advanced Configuration (Upload XML)'. The form contains several fields: 'Product Category' (dropdown set to 'Base'), 'Product Name' (text input), 'Plan Name' (text input), 'Amount' (text input set to '0'), 'Currency' (dropdown set to 'USD'), 'Billing Period' (dropdown set to 'Monthly'), 'Trial Length' (text input set to '0'), and 'Trial Time Unit' (dropdown set to 'Unlimited'). A 'SAVE' button is at the bottom.

3. Click on **Enable Advanced Configuration (Upload XML)**.

Kaui displays an upload screen:



The 'Advanced Configuration' screen has a title bar with 'Advanced Configuration' and a link to 'Enable Simple Configuration'. It features a 'Choose File' button next to the text 'No file chosen'. Below this is an 'UPLOAD' button.

4. Click the **Choose File** button, locate the XML file, and select it.

Once you have selected the file, Kauai displays the filename next to the **Choose File** button.

**Advanced Configuration** [Enable Simple Configuration](#)

Choose File

catalog\_2022-01-10T19\_38\_34.000Z.xml

UPLOAD

5. Click the **Upload** button.

If the upload is successful, Kauai displays a confirmation message along with a list of plans on the Catalog Show tab:

Catalog was successfully uploaded

Tenant Details

Useful Links

Catalog Show

Overdue Show

Invoice Template

Invoice Translation

Catalog Translation

Plugin Config

**Existing Plans** [+ ↕](#) [Enable XML View](#)

Catalog Versions: 2022-01-10T19:38:34.000Z ▾

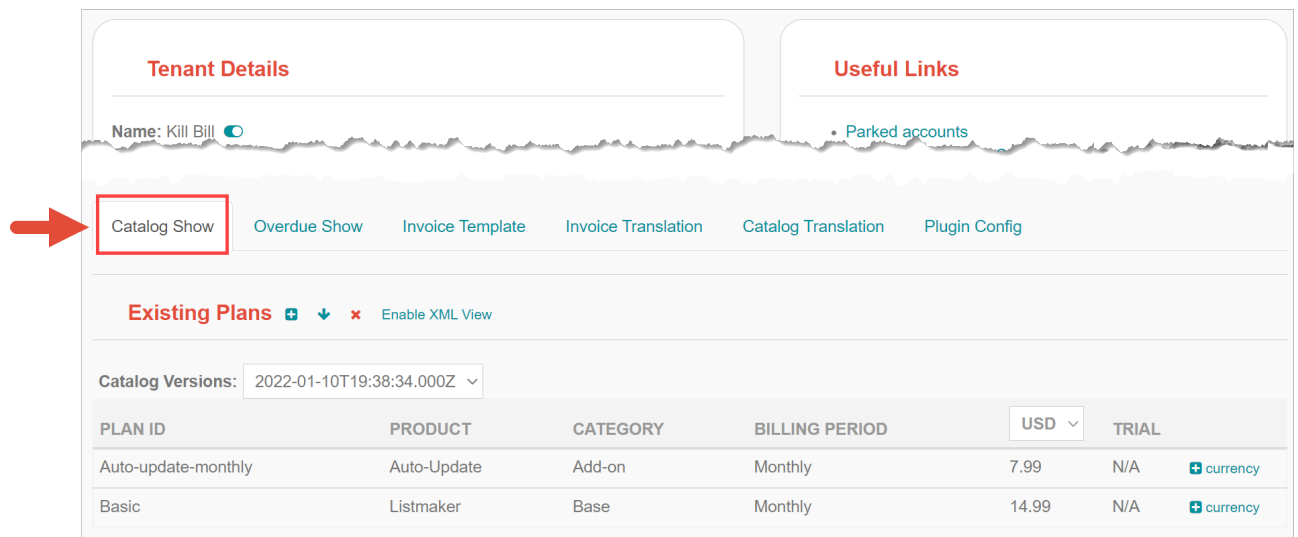
| PLAN ID               | PRODUCT       | CATEGORY | BILLING PERIOD | USD ▾ | TRIAL |                            |
|-----------------------|---------------|----------|----------------|-------|-------|----------------------------|
| remotecontrol-monthly | RemoteControl | Add-on   | Monthly        | 15    | N/A   | <a href="#">+ currency</a> |
| standard-monthly      | Standard      | Base     | Monthly        | 25    | N/A   | <a href="#">+ currency</a> |



**Note:** If you receive an "Invalid catalog for tenant" error, run the catalog through the [Kill Bill catalog validation tool](#) (if you haven't already). You can also [delete the existing catalog](#) and retry the upload steps.

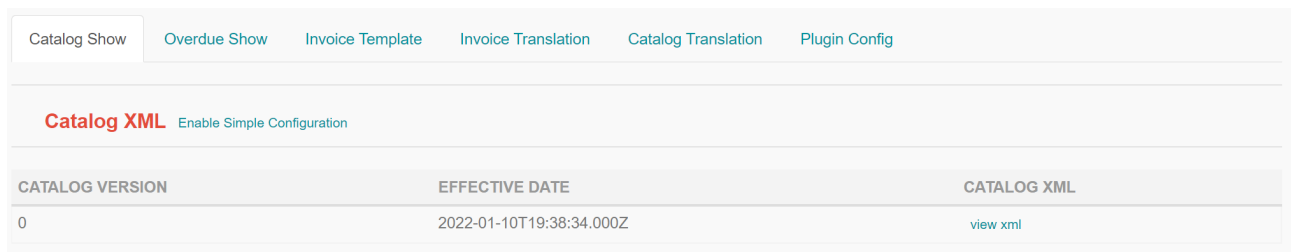
## View the Catalog as XML

1. [Go to the Catalog Show tab](#) on the Tenant Configuration page.



## 2. Click **Enable XML View**.

Kaui displays the a list of catalog versions:



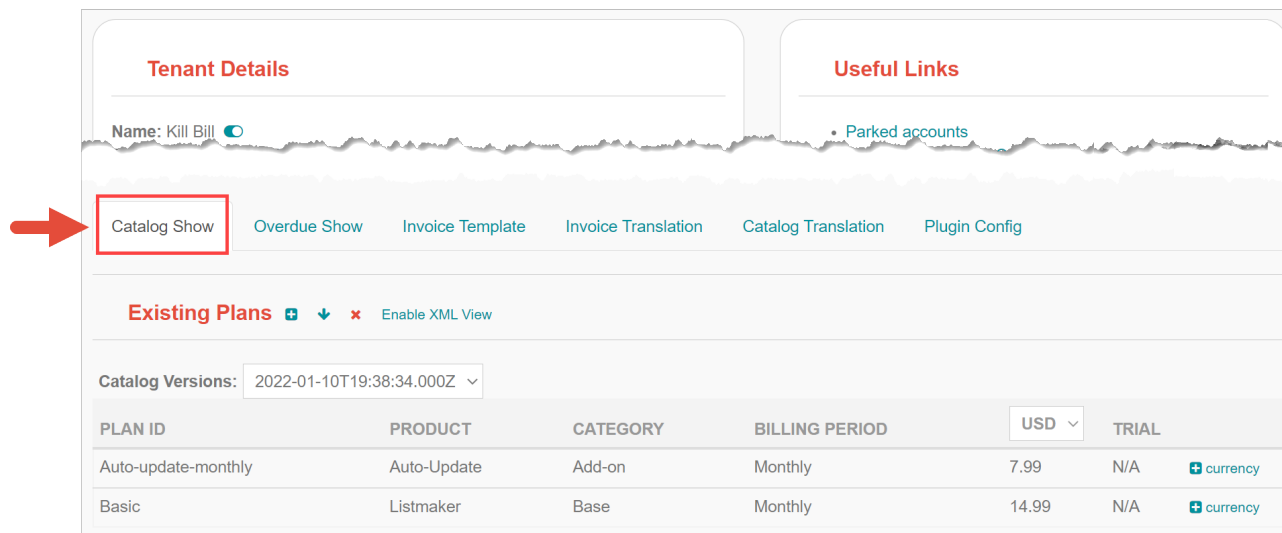
## 3. Click **view xml**. Kaui displays the raw XML (uneditable in this view).



## 4. To return to Kaui, click the Back arrow button of your browser.

# Delete a Catalog

## 1. Go to the **Catalog Show tab** on the Tenant Configuration page.



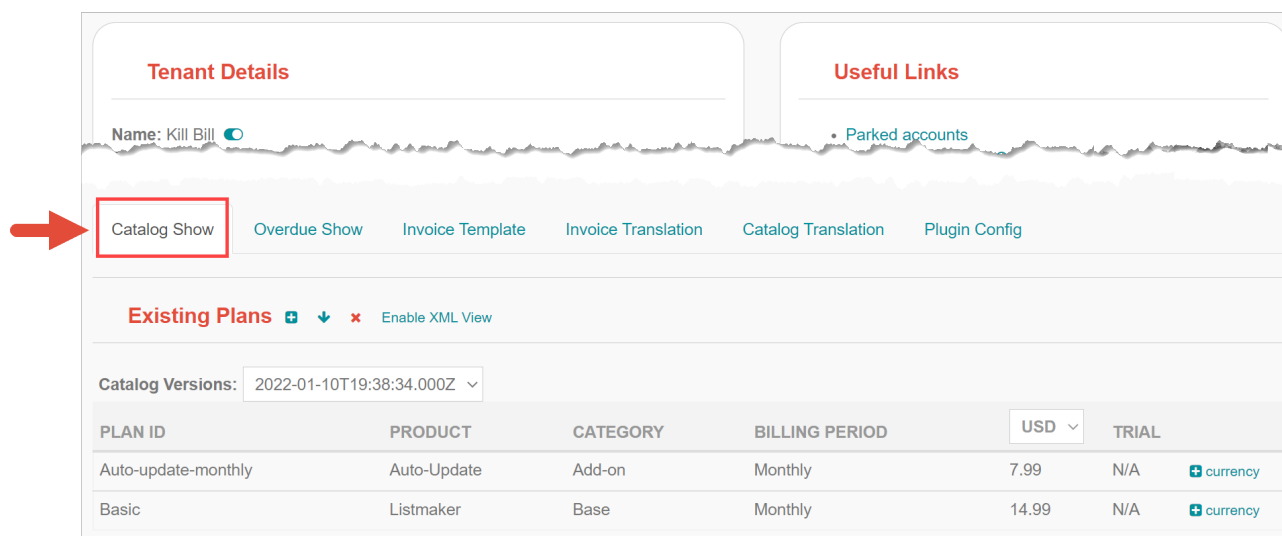
2. Click the red X ( ) to the left of **Enable XML View**.

Kaui removes the plans from the Catalog Show tab and displays a successful deletion message.

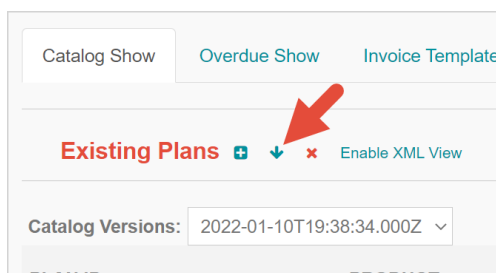
## Download the Catalog

The steps below explain how to download the current Kill Bill catalog in XML format.

1. Go to the [Catalog Show tab](#) on the Tenant Configuration page.



2. Click the down arrow ( ).



Kaui downloads the **.xml** file to your default download folder on your local drive.