

Configuring CloudStack Billing Service Module

The CloudStack Billing service module allows you to bill for CloudStack usage. Configure the details for your CloudStack installation, as well as the individual prices for the resources, in order for Ubersmith to bill your clients. It is assumed that you are already using or have installed CloudStack.

In order to begin billing for this service, you need to configure Ubersmith. Once all the necessary pieces have been configured, any current or new service based on the service plan will be ready. The configuration steps are as follows:

1. [Create a generic CloudStack billing service plan.](#)
2. [Add the **CloudStack Billing** service module to your service plan.](#)
3. Configure the service module (below).
4. [Create a CloudStack billing service.](#)
5. Configure the service plan (below).



Note

Once Ubersmith is fully configured to bill for CloudStack, you will need to access your CloudStack account and configure CloudStack to integrate with Ubersmith. See <http://docs.cloudstack.apache.org/projects/cloudstack-administration/en/4.9/>.

Configuring the Service Module

1. In the **Cloud API URL** field, type your CloudStack API URL.
2. In the **API Key** field, type your CloudStack API key.
3. In the **Secret Key** field, type your CloudStack secret key.
4. In the **Request Timeout** field, type your desired timeout in seconds. Using zero results in no timeout and is not recommended, because it can result in daily invoice runs being blocked if your host is unreachable.
5. In the **Root disk pricing method** field, select either Per fixed disk size or Per GB.
6. In the remaining pricing fields, enter your prices for each CloudStack service.
7. Click **Save** or **Save & New**.

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Configuring the Service Plan

When you add a CloudStack billing service, it automatically pulls the billing and usage data.

1. [Access your CloudStack Service Plan Details page.](#)
2. In the **Billing** section, click **Edit**. The *Edit Service* page appears.
3. In the **Post Renew** field, select **Yes**.

4. Click **Save**.

The screenshot shows the 'Edit Service 293' page in the ubersmith interface. The page has a dark blue header with the ubersmith logo and the text 'Tracy Landscaping' and 'Client ID: 1648'. The main content area is white and contains several sections of configuration fields. The 'Post Renew' field is circled in red, with the 'Yes' radio button selected. Other fields include 'Billing Start Date', 'Last Renew Date', 'Renew Date', 'Planned Activation Date', 'Activation Date', 'Client Acceptance Date', 'Expected Cancellation Date', 'End Date', 'Bill in Advance', 'Auto Charge', 'Automatic Payment Method', 'Invoice Status', 'Auto Suspend', 'Auto Cancel', 'Assigned Facility', and 'Assigned Zone'. At the bottom right, there are 'Save' and 'Cancel' buttons.

5. In the *Custom Fields* section, click **Edit**. The *Edit Service* page appears.
6. In the *CloudStack Billing* section, enter the following:
In the **CloudStack Account ID** field, enter your client's CloudStack account ID.
In the **CloudStack Project ID** field, enter your client's CloudStack project ID.
7. Click **Save**.

The screenshot shows the 'Edit Service 293' page in the ubersmith interface, specifically the 'Cloud Billing' section. The page has a dark blue header with the ubersmith logo and the text 'Tracy Landscaping' and 'Client ID: 1648'. The main content area is white and contains the 'Cloud Billing' section. The 'Credit Limit' field is set to '0'. The 'Usage Basis' field is set to 'Account'. The 'CloudStack Account ID' field is filled with '123456789'. The 'CloudStack Project ID' field is filled with '2187'. At the bottom right, there are 'Save' and 'Cancel' buttons. A note at the bottom left states 'Fields marked with a red asterisk are required.'

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