TCAdmin

Table of Contents

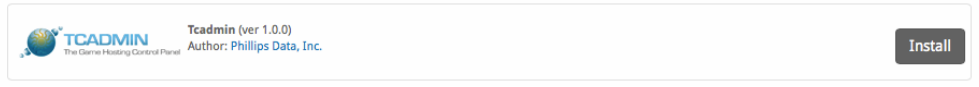
- 1 Supported Features
- 2 Installing TCAdmin
- 3 Configurable Options Overview
- 4 Creating Configurable Options
  - 4.1 Creating an Option Group
  - 4.2 Creating a Configurable Option
  - 4.3 Sample Configurable Options
- 5 Creating Packages
  - 5.1 Basic
  - 5.2 Module Options
  - 5.3 Pricing
  - 5.4 Welcome Email
  - 5.5 Group Membership
- 6 Final Steps
- 7 Errors

Supported Features

Create	Cancel	Suspend	Unsuspend	Management	Config Options
YES	YES	YES	YES	NO	YES

Installing TCAdmin

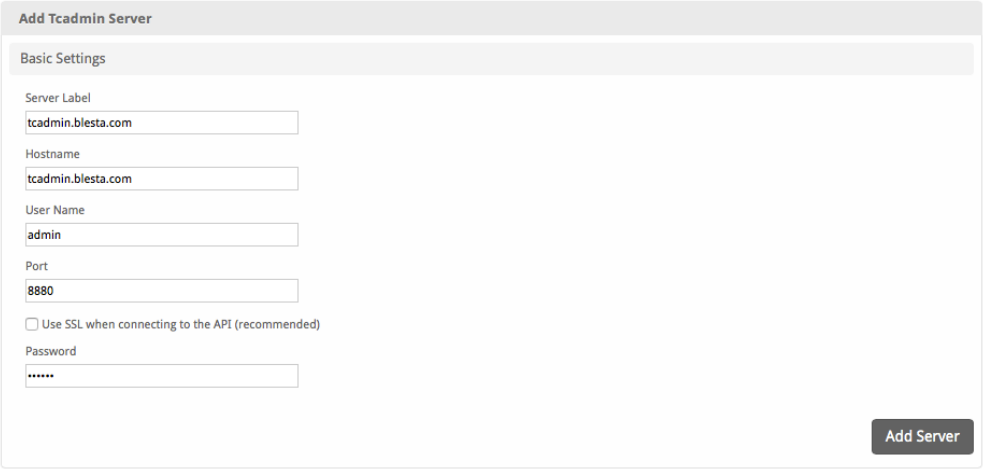
1. Visit [Settings] > [Company] > [Modules] > Available.
2. Click the "Install" button within the TCAdmin module listing.



A message will be displayed, indicating that the module was successfully installed. Then click the "Add Account" button.



Enter your TCAdmin details.



Field Name	Description
Server Label	Enter the label for this server, it can be a friendly name.
Hostname	Enter the Hostname to your TCAdmin server, e.g. **tcadmin.yourdomain.com**
User Name	Enter the Username to your TCAdmin server, e.g. **admin**
Port	Enter the Port to your TCAdmin server, e.g. **8880**
Use SSL when connecting to the API (recommended)	Check this option if using SSL. By default SSL is not enabled in TCAdmin.
Password	Enter the Password to your TCAdmin server.

Configurable Options Overview

This module supports configurable options which may be used for provisioning Game or Voice servers. Some options are required. Configurable Options override any matching Package settings.

> **May be Required**
>
> Certain Configurable Options are required, but this list in no way limits the Configurable Options that can be created. Only the following Configurable Options can alter the way TCAdmin game or voice servers are provisioned.

Option Name	Possible Values	Recommended Field Type	Description
game_slots	integer >= 0	Quantity, Dropdown	Determines how many slots will be assigned to the game server. **Game Server Required** This configurable option is **required** for game servers.
game_private	integer = 0 or 1	Dropdown	A value of 1 will make the game server private. **Game Server Required** This configurable option is **required** for game servers.
game_datacenter	integer >= 1	Dropdown	The data center ID from TCAdmin. Can be obtained within TCAdmin under Data Centers, by observing the ID of the desired data center. **Game Server Required** This configurable option is **required** for game servers.
voice_slots	integer >= 0	Quantity, Dropdown	Determines how many slots will be assigned to the voice server. **Voice Server Required** This configurable option is **required** for voice servers.
voice_private	integer = 0 or 1	Dropdown	A value of 1 will make the voice server private. **Voice Server Required** This configurable option is **required** for voice servers.
voice_upload_quota	integer (in MB)	Dropdown	Sets the upload quota. **Teamspeak 3 Only** This configurable option is only required for Teamspeak 3 Voice Servers.
voice_download_quota	integer (in MB)	Dropdown	Sets the download quota. **Teamspeak 3 Only** This configurable option is only required for Teamspeak 3 Voice Servers.

voice_datacenter	integer >= 0	Dropdown	The data center ID from TCAdmin. Can be obtained within TCAdmin under Data Centers, by observing the ID of the desired data center. **Voice Server Required** This configurable option is **required** for voice servers.

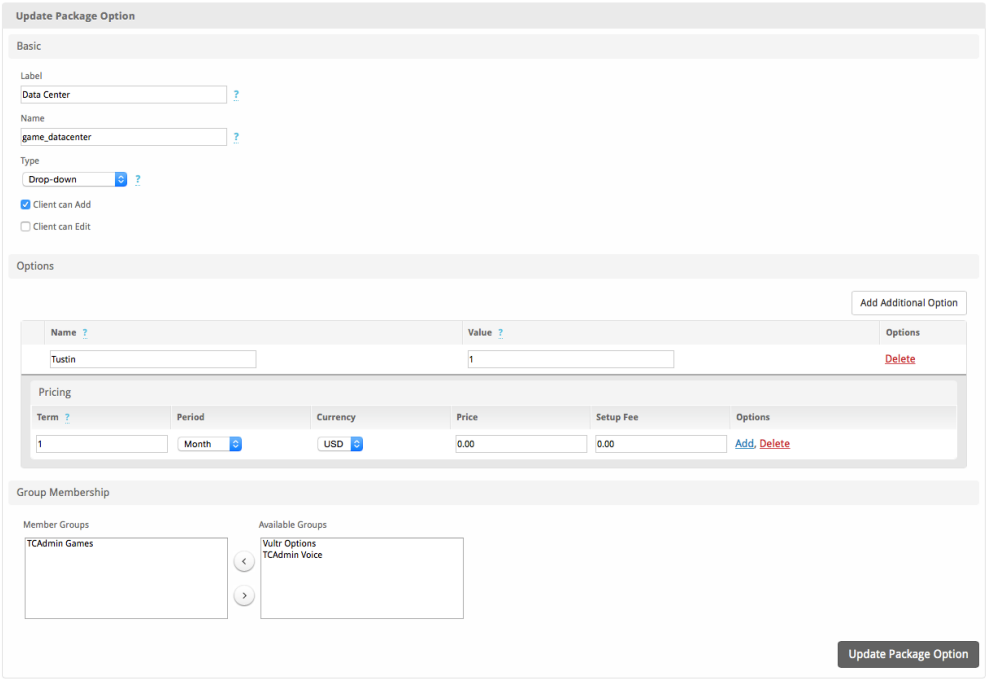
Creating Configurable Options

The following steps describe how to create configurable options. This section describes the following:

1. Creating a Configurable Option Group
2. Creating Configurable Options, and assigning them to the Group (repeat this step as necessary to create all Configurable Options required)

Creating an Option Group

To create a Configurable Option Group, visit [Packages] > Options, and click the "Create Group" button.



Field Name	Description
Name	Enter a name for this group.
Description	Enter a description for this group (optional).
Package Membership	Leave this section blank, we will add the options to the group when creating the options instead. If you have already created the options, you may add them to the group on this step.

After filling out these options, click the "Create Group" button to create the Option Group.

Creating a Configurable Option

To create a Configurable Option, visit [Packages] > Options, and click the "Create Option" button.

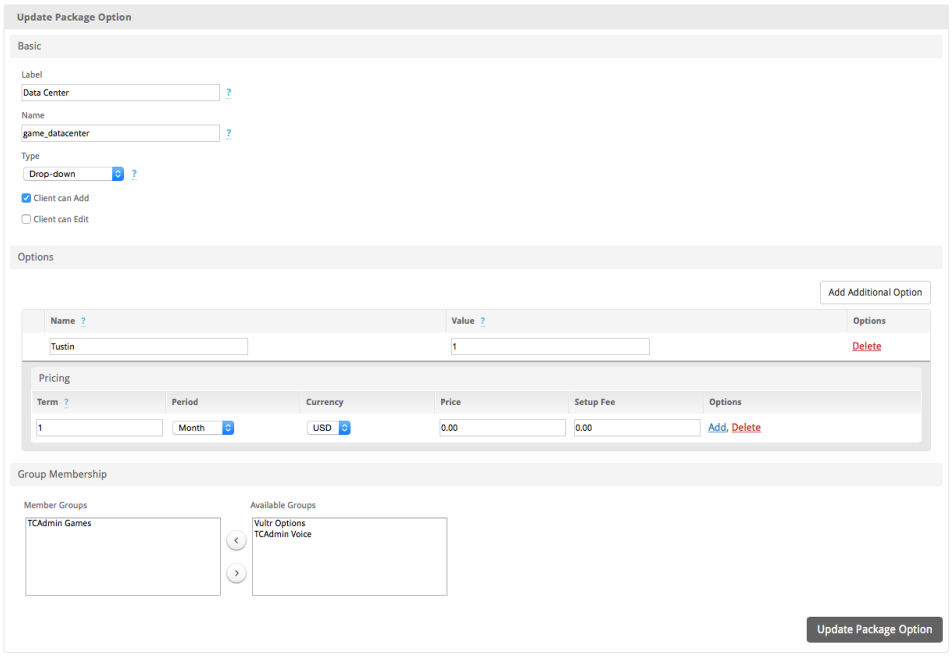
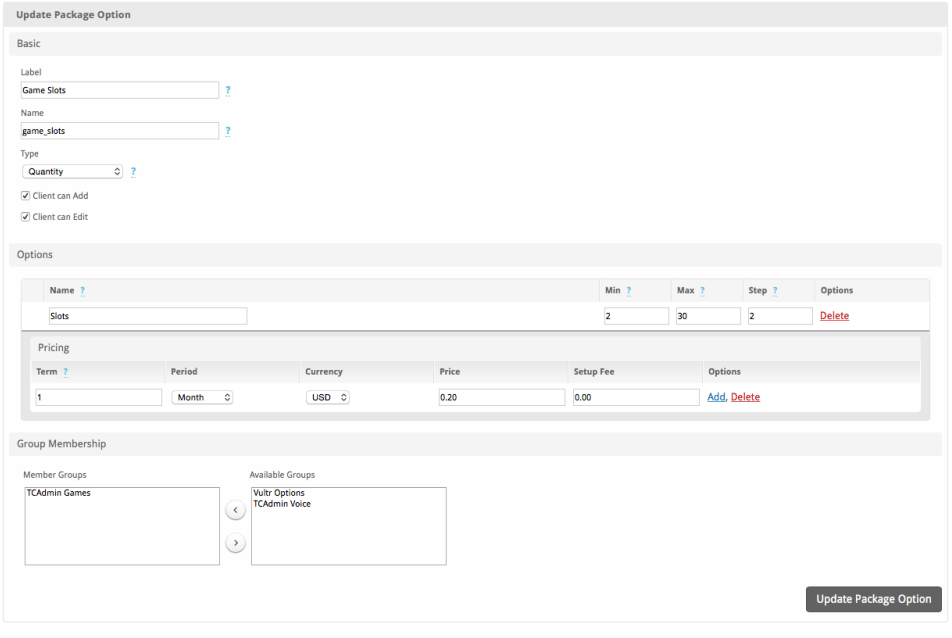
Field Name	Description
Label	Enter a label, which will appear above or next to this form field.
Name	Enter a name, which is the form field name. (Important! This should match an Option Name described above. The module requires specific naming.)
Type	Select the field type from "Checkbox", "Radio", "Drop-down", and "Quantity".

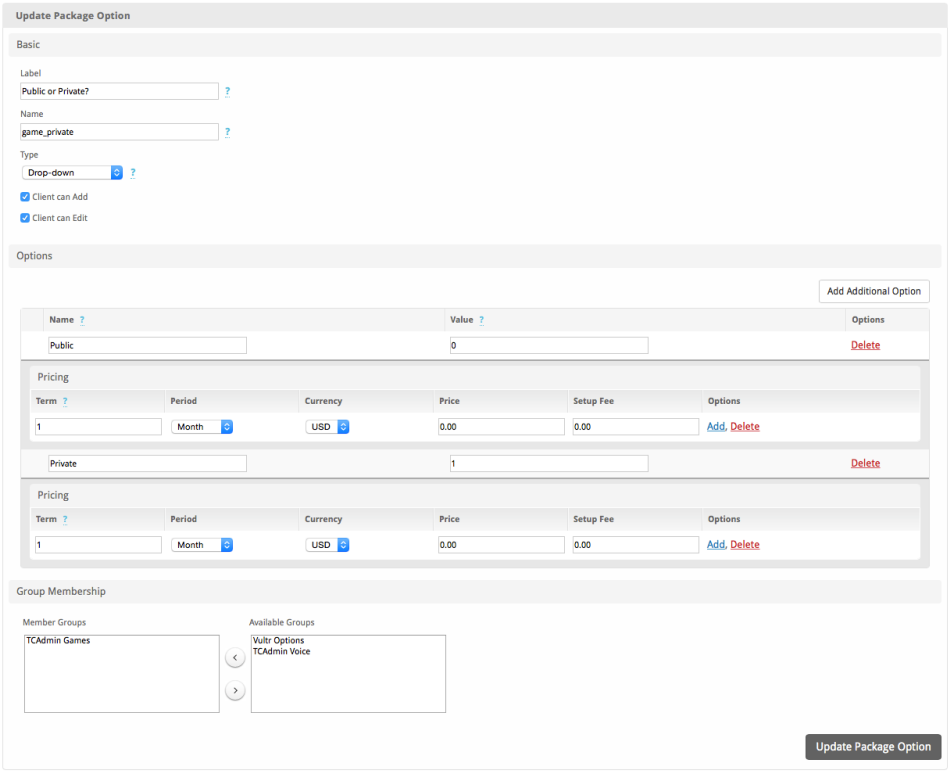
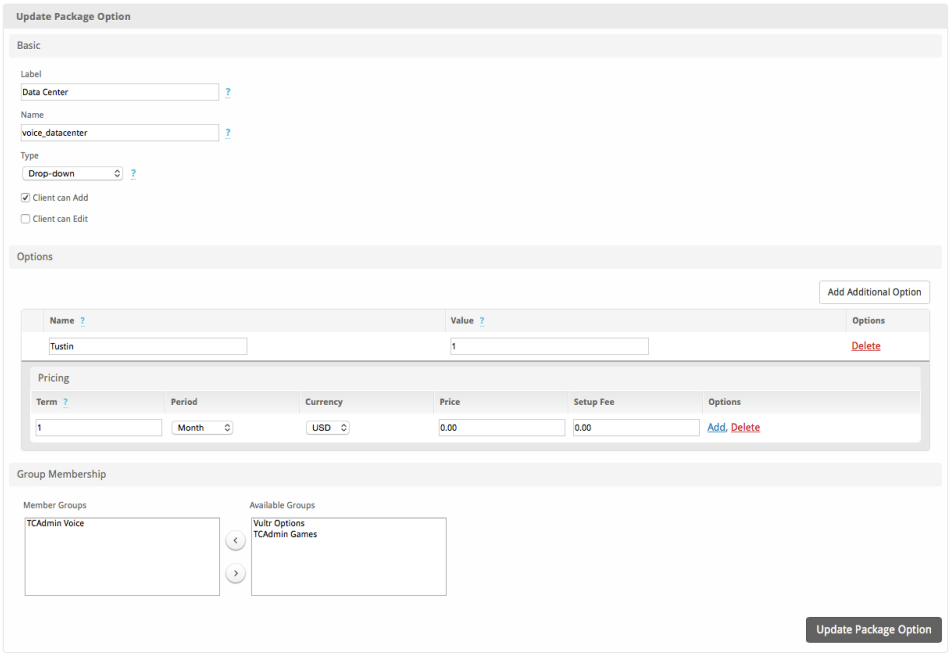
Options Section	Set pricing information within the Options section. The fields required here may vary depending on the "Type" selected above.
Group Membership Section	Add this Configurable Option to the previously created Option Group by moving the Group from the right to the left in the multi-select box.

After filling out these options, click the "Create Package Option" button to create the Option. Repeat as necessary to create all of the configurable options you wish to make available to the client during checkout.

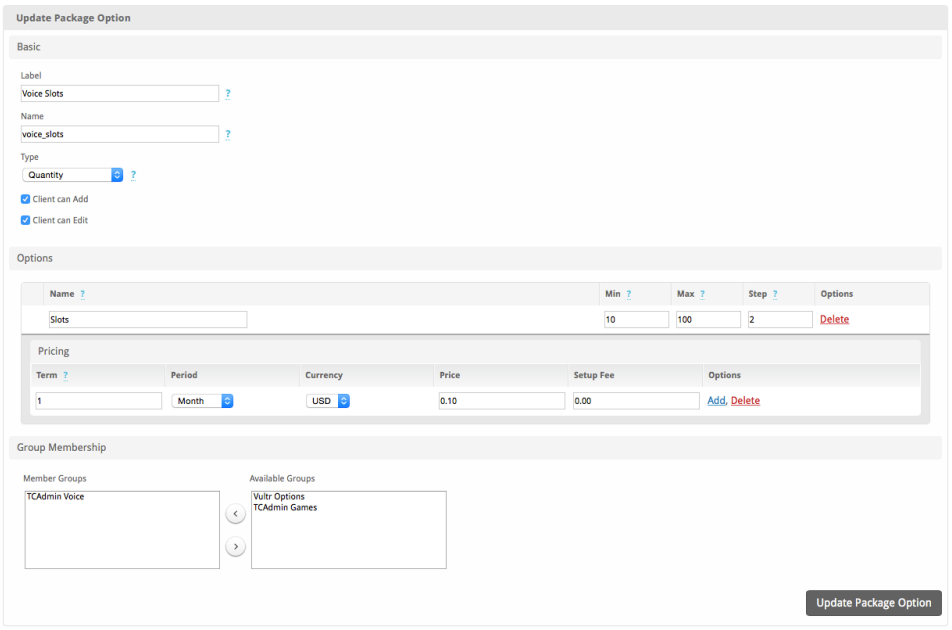
Sample Configurable Options

The following are sample configurations for each of the supported configurable options listed above, and may serve as good examples for getting started.

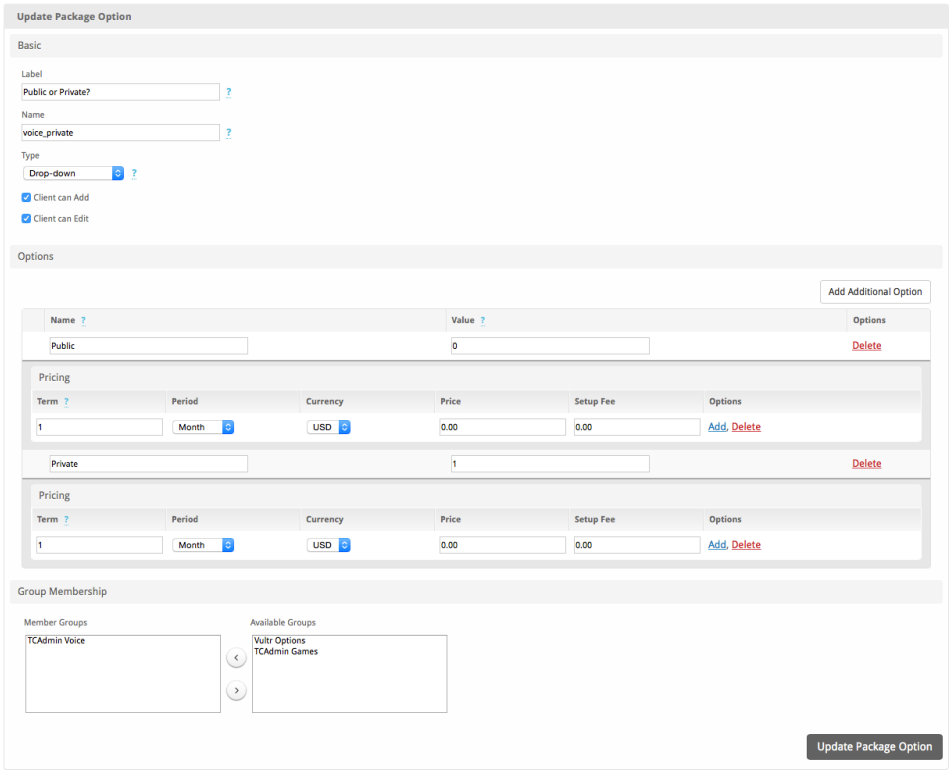
Option Name	Sample Configuration Screenshot (Click for full size)
game_datacenter	
game_slots	

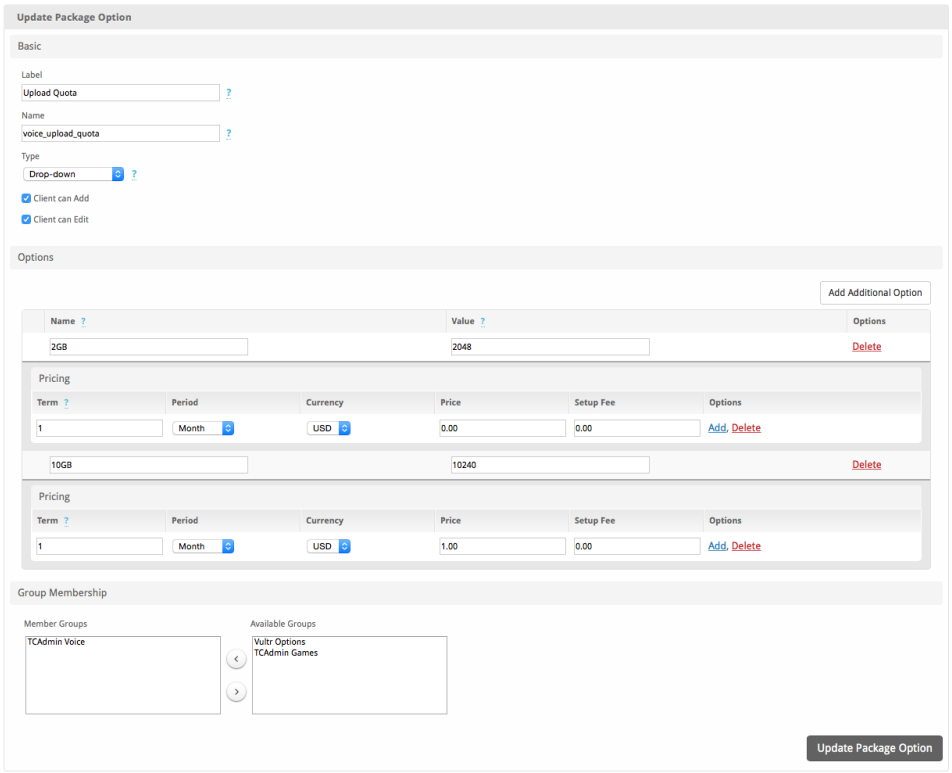
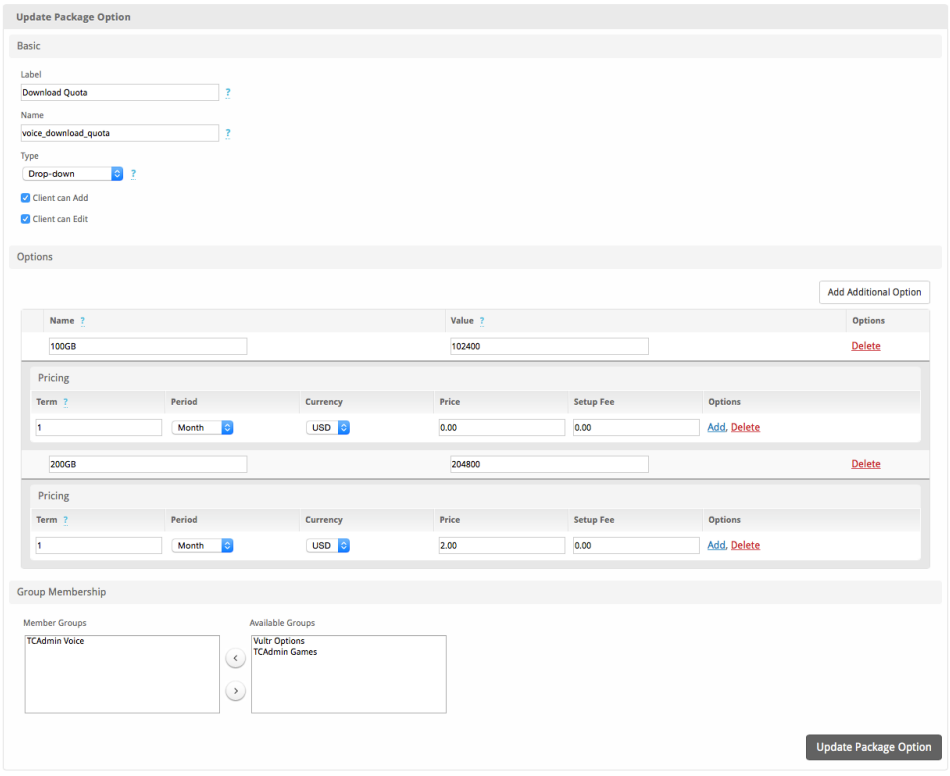
game_private	
voice_datacenter	

voice_slots



voice_private



voice_upload_quota	
voice_download_quota	

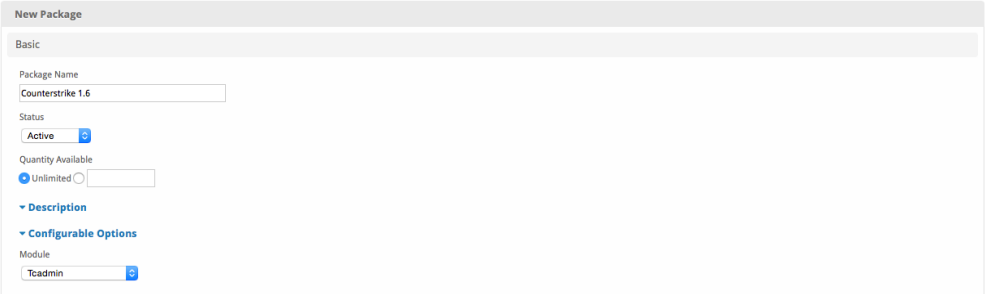
Creating Packages

Packages define the pricing, welcome email, module and more. Packages can be assigned to Package Groups, and added to Order Forms. To create a Package, visit [Packages] > Browse, and click the "Create Package" button.

Creating a Package consists of several sections:

Basic

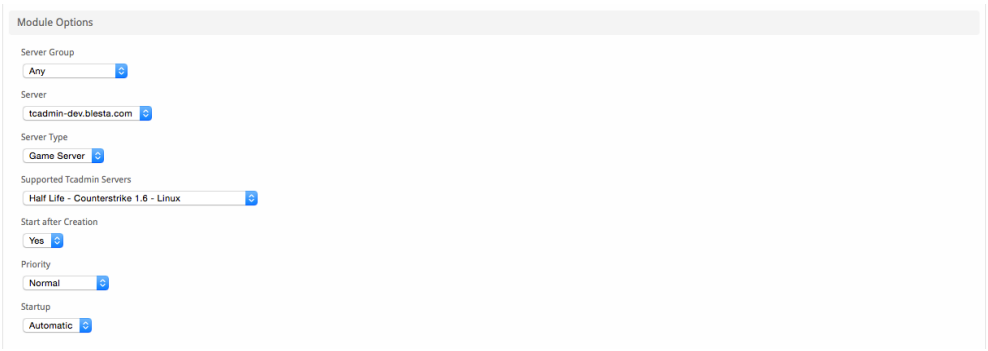
The Basic section consists of the following options:



Field Name	Description
Package Name	Enter the name of this Package, it will be visible wherever services are listed and on any order forms.
Status	"Active" is the default, "Inactive", and "Restricted" are also available.
Quantity Available	If this Package has a limited quantity available, enter the quantity, or leave it as "Unlimited".
Description	Enter a Description for this Package. HTML is allowed, and descriptions appear on order forms.
Configurable Options	A Configurable Option Group may be selected if previously created.
Module	Select "TCAdmin" for the module.

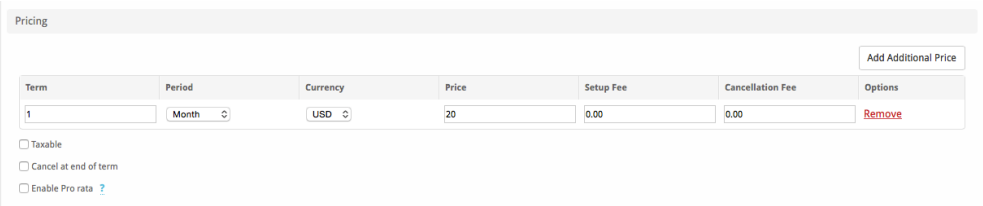
Module Options

The Module Options section consists of the following options, which are specific to TCAdmin:



Field Name	Description
Server Group	Select "Any" unless you are running many TCAdmin master nodes and have added them to separate groups within the module.
Server	Select your TCAdmin server.
Server Type	Select "Game Server", or "Voice Server"
Supported Tcadmin Servers	Select the game or voice server to use for this Package.
Start after Creation	Select "Yes" to have the server start automatically after ordered and provisioned.
Priority	Set the priority this server will be given. "Normal", "Above Normal", "Below Normal", "High", "Idle", and "Real Time" are available options.
Startup	Select how startup should occur, "Automatic", "Manual", or "Disable".

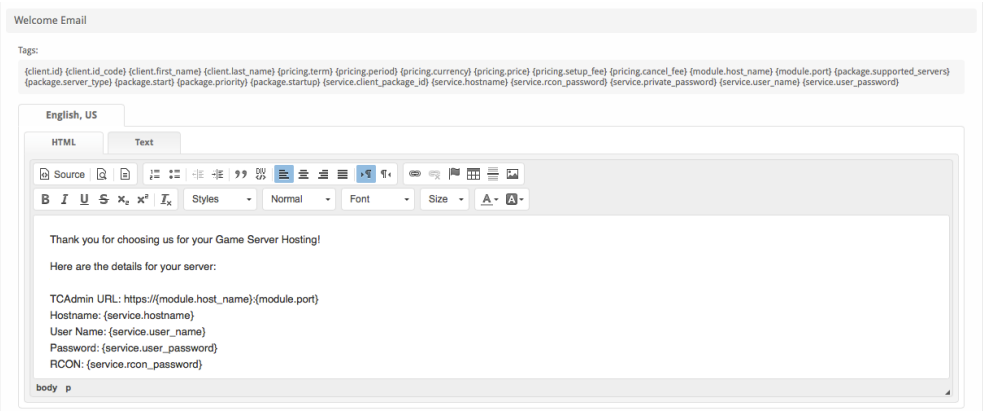
Pricing



Field Name	Description
Term	Enter the term for the desired pricing option. For example, if you wish to create a 3 month pricing option, enter 3 here.
Period	Select the period for this pricing option. "Day", "Week", "Month", "Year", and "One time" are options. The client will be invoiced every "term period", for example every 3 months if 3 is entered for term, and Month is selected for period.
Currency	Select the currency this pricing option is available for.
Price	Enter the price for this pricing option.
Setup Fee	If there is a setup fee, enter it here.
Cancellation Fee	If there is a fee to cancel early, enter it here.

Click the "Add Additional Price" to add more pricing options. It's common for people to create 1 Month, 3 Month, 6 Month, and 1 Year price options. There are many possible combinations.

Welcome Email



The "Tags" section describes tags that may be used in the welcome email. The welcome email content is inserted into the "Service Creation" email template under [Settings] > [Company] > [Emails] > Service Creation. Only details unique to this service should be entered into the welcome email section for the package.

Sample Email

This sample email could be used in the Package Welcome Email section to help you get started. Be sure to enter content for your welcome email in both the HTML and Text sections.

```
Thank you for choosing us for your Game Server Hosting!

Here are the details for your server:

TCAdmin URL: https://{module.host_name}:{module.port}
Hostname: {service.hostname}
User Name: {service.user_name}
Password: {service.user_password}
RCON: {service.rcon_password}
Private Password: {service.private_password}
```

When creating or editing a package that uses this module, the following tags will be available:

Tags	Description	Notes
{module.host_name}	The host name for your TCAdmin Panel	e.g. "tcadmin.domain.com".
{module.port}	The port number for your TCAdmin Panel	e.g. "8880"
{service.hostname}	The hostname for the game server, provided by the client.	e.g. "mycsgoserver.domain.com"
{service.rcon_password}	The RCON password for the game server, provided by the client.	
{service.private_password}	The private password for the game server, provided by the client.	
{service.user_name}	The user name for TCAdmin panel access for the client.	
{service.user_password}	The password for TCAdmin panel access for the client.	

Due to the nature of tag objects containing several fields, many of which are likely irrelevant for use in email templates, but may be useful to you in certain circumstances, a dump of the tags are shown below.

The {package} object

```
stdClass Object
        (
            [id] => 8
            [id_format] => {num}
            [id_value] => 8
            [module_id] => 7
            [name] => Counter-Strike GO
            [description] =>
            [description_html] =>
            [qty] =>
            [module_row] => 3
            [module_group] =>
            [taxable] => 0
            [single_term] => 0
            [status] => active
            [company_id] => 1
            [prorata_day] =>
            [prorata_cutoff] =>
            [id_code] => 8
            [email_content] => Array
                (
                    [0] => stdClass Object
                        (
                            [lang] => en_us
                            [html] => <p> {module.host_name} {module.port} {package.supported_servers}
{package.server_type} {package.start} {package.priority} {package.startup} {service.client_package_id} {service.
hostname} {service.rcon_password} {service.private_password} {service.user_name} {service.user_password}</p>

<p> </p>

<p>{%debug%}</p>

                            [text] =>  {module.host_name} {module.port} {package.supported_servers} {package.
server_type} {package.start} {package.priority} {package.startup} {service.client_package_id} {service.
hostname} {service.rcon_password} {service.private_password} {service.user_name} {service.user_password}

{%debug%}
                        )

                )

            [pricing] => Array
                (
                    [0] => stdClass Object
                        (
                            [id] => 14
                            [pricing_id] => 19
                            [package_id] => 8
                            [term] => 1
```

```
                            [period] => month
                            [price] => 8.0000
                            [setup_fee] => 0.0000
                            [cancel_fee] => 0.0000
                            [currency] => USD
                        )

                )

            [meta] => stdClass Object
                (
                    [priority] => Normal
                    [server_type] => game
                    [start] => 1
                    [startup] => Automatic
                    [supported_servers] => 96
                )

            [groups] => Array
                (
                    [0] => stdClass Object
                        (
                            [id] => 5
                            [name] => Game Servers
                            [description] =>
                            [type] => standard
                            [company_id] => 1
                            [allow_upgrades] => 1
                        )

                )

            [option_groups] => Array
                (
                    [0] => stdClass Object
                        (
                            [id] => 2
                            [name] => TCAdmin Games
                            [description] =>
                        )

                )

            [priority] => Normal
            [server_type] => game
            [start] => 1
            [startup] => Automatic
            [supported_servers] => 96
        )
```

The {service} object

```
stdClass Object
        (
            [id] => 9
            [parent_service_id] =>
            [package_group_id] => 5
            [id_format] => {num}
            [id_value] => 9
            [pricing_id] => 14
            [client_id] => 1
            [module_row_id] => 3
            [coupon_id] =>
            [qty] => 1
            [override_price] =>
            [override_currency] =>
            [status] => active
            [date_added] => 2018-03-29 20:49:51
            [date_renews] => 2018-04-29 20:49:51
```

```
[date_last_renewed] =>
[date_suspended] =>
[date_canceled] =>
[id_code] => 9
[fields] => Array
    (
        [0] => stdClass Object
            (
                [key] => client_package_id
                [value] => 1_ein0ctvkkg5yhw
                [serialized] => 0
                [encrypted] => 1
            )

        [1] => stdClass Object
            (
                [key] => hostname
                [value] => csgo2.blesta.com
                [serialized] => 0
                [encrypted] => 1
            )

        [2] => stdClass Object
            (
                [key] => private_password
                [value] => password45
                [serialized] => 0
                [encrypted] => 1
            )

        [3] => stdClass Object
            (
                [key] => rcon_password
                [value] => password45
                [serialized] => 0
                [encrypted] => 1
            )

        [4] => stdClass Object
            (
                [key] => user_name
                [value] => Username
                [serialized] => 0
                [encrypted] => 1
            )

        [5] => stdClass Object
            (
                [key] => user_password
                [value] => #lh&7jjkf$&
                [serialized] => 0
                [encrypted] => 1
            )

    )

[package_pricing] => stdClass Object
    (
        [id] => 14
        [package_id] => 8
        [pricing_id] => 19
        [term] => 1
        [period] => Month
        [price] => 8.0000
        [setup_fee] => 0.0000
        [cancel_fee] => 0.0000
        [currency] => USD
    )

[package] => stdClass Object
    (
```

```
            [id] => 8
            [id_format] => {num}
            [id_value] => 8
            [module_id] => 7
            [name] => Counter-Strike GO
            [description] =>
            [description_html] =>
            [qty] =>
            [module_row] => 3
            [module_group] =>
            [taxable] => 0
            [single_term] => 0
            [status] => active
            [company_id] => 1
            [prorata_day] =>
            [prorata_cutoff] =>
        )

    [options] => Array
        (
            [0] => stdClass Object
                (
                    [id] => 5
                    [service_id] => 9
                    [option_pricing_id] => 2
                    [qty] => 8
                    [option_value] =>
                    [option_value_name] => Slots
                    [option_id] => 2
                    [option_label] => Game Slots
                    [option_name] => game_slots
                    [option_type] => quantity
                    [option_addable] => 1
                    [option_editable] => 1
                    [option_pricing_term] => 1
                    [option_pricing_period] => month
                    [option_pricing_price] => 0.2000
                    [option_pricing_setup_fee] => 0.0000
                    [option_pricing_currency] => USD
                )

            [1] => stdClass Object
                (
                    [id] => 6
                    [service_id] => 9
                    [option_pricing_id] => 3
                    [qty] => 1
                    [option_value] => 0
                    [option_value_name] => Public
                    [option_id] => 3
                    [option_label] => Public or Private?
                    [option_name] => game_private
                    [option_type] => select
                    [option_addable] => 1
                    [option_editable] => 1
                    [option_pricing_term] => 1
                    [option_pricing_period] => month
                    [option_pricing_price] => 0.0000
                    [option_pricing_setup_fee] => 0.0000
                    [option_pricing_currency] => USD
                )

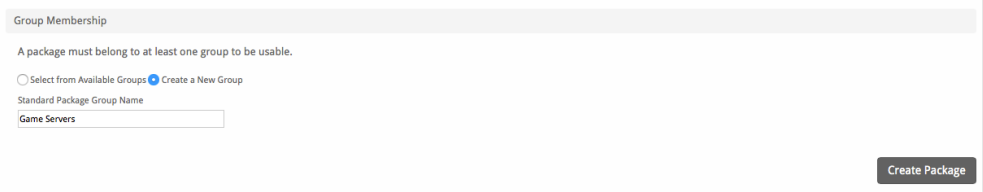
            [2] => stdClass Object
                (
                    [id] => 7
                    [service_id] => 9
                    [option_pricing_id] => 5
                    [qty] => 1
                    [option_value] => 1
                    [option_value_name] => Tustin
                    [option_id] => 4
```

```
                        [option_label] => Data Center
                        [option_name] => game_datacenter
                        [option_type] => select
                        [option_addable] => 1
                        [option_editable] => 0
                        [option_pricing_term] => 1
                        [option_pricing_period] => month
                        [option_pricing_price] => 0.0000
                        [option_pricing_setup_fee] => 0.0000
                        [option_pricing_currency] => USD
                    )

            )

        [name] => csgo2.blesta.com
        [client_package_id] => 1_ein0ctvkkg5yhw
        [hostname] => csgo2.blesta.com
        [private_password] => password
        [rcon_password] => password
        [user_name] => Username
        [user_password] => #lh&jjkff$&
    )
```

Group Membership



If this is the first Package you are creating with this module, select the "Create a New Group" option, and enter a Group name. If you are adding a subsequent Package and wish for it to be part of the same group, select "Select from Available Groups", and move the group from the right to the left of the multi-select box.

When finished, click "Create Package" to create this package.

Final Steps

The only thing left to do is to add this Package Group to an order form so clients may place orders for your TCAdmin servers. See Creating an Order Form f or more details.

Errors

Q: I entered the details correctly within the module but when creating a Package, servers are not displayed. The module log shows "Object moved to".
A: The URL to your billingapi.aspx may be different. **First check that your TCAdmin plan/license supports the API. The Community Edition does not have an API. If you are using that version, you will need to upgrade to a paid license. If your version does support the API, then you can try this:** Edit /components/modules/tcadmin/api/tcadminapi.php and locate the following line:

```
api/tcadminapi.php: $url .= $this->host_name . ":" . $this->port . "/billingapi.aspx";
```

Change it to:

```
api/tcadminapi.php: $url .= $this->host_name . ":" . $this->port . "/Aspx/billingapi.aspx";
```