

# TCAAdmin

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

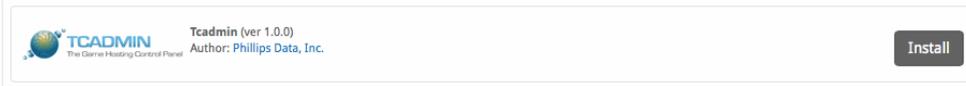


## Supported Features

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

## Installing TCAAdmin

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



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



Enter your TCAAdmin details.

### Add Tcadmin Server

Basic Settings

Server Label

Hostname

User Name

Port

Use SSL when connecting to the API (recommended)

Password

**Add Server**

Field Name	Description
Server Label	Enter the label for this server, it can be a friendly name.
Hostname	Enter the Hostname to your TCAAdmin server, e.g. <b>tcadmin.yourdomain.com</b>
User Name	Enter the Username to your TCAAdmin server, e.g. <b>admin</b>
Port	Enter the Port to your TCAAdmin server, e.g. <b>8880</b>
Use SSL when connecting to the API (recommended)	Check this option if using SSL. By default SSL is not enabled in TCAAdmin.
Password	Enter the Password to your TCAAdmin 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 TCAAdmin game or voice servers are provisioned.

Option Name	Possible Values	Recommended Field Type	Description
game_slots	integer >= 0	Quantity, Dropdown	<p>Determines how many slots will be assigned to the game server.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Game Server Required</b>            This configurable option is <b>required</b> for game servers.         </div>
game_private	integer = 0 or 1	Dropdown	<p>A value of 1 will make the game server private.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Game Server Required</b>            This configurable option is <b>required</b> for game servers.         </div>
game_datacenter	integer >= 1	Dropdown	<p>The data center ID from TCAAdmin. Can be obtained within TCAAdmin under Data Centers, by observing the ID of the desired data center.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Game Server Required</b>            This configurable option is <b>required</b> for game servers.         </div>
voice_slots	integer >= 0	Quantity, Dropdown	<p>Determines how many slots will be assigned to the voice server.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Voice Server Required</b>            This configurable option is <b>required</b> for voice servers.         </div>
voice_private	integer = 0 or 1	Dropdown	<p>A value of 1 will make the voice server private.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Voice Server Required</b>            This configurable option is <b>required</b> for voice servers.         </div>
voice_upload_quota	integer (in MB)	Dropdown	<p>Sets the upload quota.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Teamspeak 3 Only</b>            This configurable option is only required for Teamspeak 3 Voice Servers.         </div>
voice_download_quota	integer (in MB)	Dropdown	<p>Sets the download quota.</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #fff9c4;">  <b>Teamspeak 3 Only</b>            This configurable option is only required for Teamspeak 3 Voice Servers.         </div>

voice_datacenter	integer >= 0	Dropdown	The data center ID from TCAAdmin. Can be obtained within TCAAdmin 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.

**Update Package Option**

**Basic**

Label  
Data Center

Name  
game\_datacenter

Type  
Drop-down

Client can Add  
 Client can Edit

**Options**

[Add Additional Option](#)

Name	Value	Options
Tustin	1	<a href="#">Delete</a>

**Pricing**

Term	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	<a href="#">Add</a> , <a href="#">Delete</a>

**Group Membership**

Member Groups

TCAAdmin Games

Available Groups

Multi-Options  
TCAAdmin Voice

[Update Package Option](#)

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	<p>The screenshot shows the 'Update Package Option' form for 'game_datacenter'. It is divided into four main sections: <ul style="list-style-type: none"> <li><b>Basic:</b> Label 'Data Center', Name 'game_datacenter', Type 'Drop-down'. Checkboxes for 'Client can Add' (checked) and 'Client can Edit' (unchecked).</li> <li><b>Options:</b> A table with one row: Name 'Tustin', Value '1', and a 'Delete' link.</li> <li><b>Pricing:</b> A table with one row: Term '1', Period 'Month', Currency 'USD', Price '0.00', Setup Fee '0.00', and 'Add, Delete' links.</li> <li><b>Group Membership:</b> Member Groups: 'TAdmin Games'; Available Groups: 'Vultyr Options', 'TAdmin Voice'.</li> </ul> An 'Update Package Option' button is at the bottom right.</p>
game_slots	<p>The screenshot shows the 'Update Package Option' form for 'game_slots'. It is divided into four main sections: <ul style="list-style-type: none"> <li><b>Basic:</b> Label 'Game Slots', Name 'game_slots', Type 'Quantity'. Checkboxes for 'Client can Add' (checked) and 'Client can Edit' (checked).</li> <li><b>Options:</b> A table with one row: Name 'Slots', Min '2', Max '30', Step '2', and a 'Delete' link.</li> <li><b>Pricing:</b> A table with one row: Term '1', Period 'Month', Currency 'USD', Price '0.20', Setup Fee '0.00', and 'Add, Delete' links.</li> <li><b>Group Membership:</b> Member Groups: 'TAdmin Games'; Available Groups: 'Vultyr Options', 'TAdmin Voice'.</li> </ul> An 'Update Package Option' button is at the bottom right.</p>

game\_private

### Update Package Option

**Basic**

Label  
Public or Private? ?

Name  
game\_private ?

Type  
Drop-down ?

Client can Add  
 Client can Edit

**Options**

Add Additional Option

Name ?	Value ?	Options
Public	0	Delete

**Pricing**

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add, Delete

Private 1 Delete

**Pricing**

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add, Delete

**Group Membership**

Member Groups: TAdmin Games

Available Groups: Vultir Options, TAdmin Voice

Update Package Option

voice\_datacenter

### Update Package Option

**Basic**

Label  
Data Center ?

Name  
voice\_datacenter ?

Type  
Drop-down ?

Client can Add  
 Client can Edit

**Options**

Add Additional Option

Name ?	Value ?	Options
Tustin	1	Delete

**Pricing**

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add, Delete

**Group Membership**

Member Groups: TAdmin Voice

Available Groups: Vultir Options, TAdmin Games

Update Package Option

voice\_slots

Update Package Option

Basic

Label  
Voice Slots ?

Name  
voice\_slots ?

Type  
Quantity ?

Client can Add  
 Client can Edit

Options

Name ?	Min ?	Max ?	Step ?	Options
Slots	10	100	2	Delete

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.10	0.00	Add Delete

Group Membership

Member Groups  
TAdmin Voice

Available Groups  
Vult Options  
TAdmin Games

Update Package Option

voice\_private

Update Package Option

Basic

Label  
Public or Private? ?

Name  
voice\_private ?

Type  
Drop-down ?

Client can Add  
 Client can Edit

Options

Add Additional Option

Name ?	Value ?	Options
Public	0	Delete

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add Delete

Private

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add Delete

Group Membership

Member Groups  
TAdmin Voice

Available Groups  
Vult Options  
TAdmin Games

Update Package Option

voice\_upload\_quota

Update Package Option

Basic

Label  
Upload Quota ?

Name  
voice\_upload\_quota ?

Type  
Drop-down ?

Client can Add  
 Client can Edit

Options

Add Additional Option

Name ?	Value ?	Options
2GB	2048	Delete

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add, Delete

10GB	10240	Delete
------	-------	--------

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	1.00	0.00	Add, Delete

Group Membership

Member Groups  
TCAdmin Voice

Available Groups  
Vultr Options  
TCAdmin Games

Update Package Option

voice\_download\_quota

Update Package Option

Basic

Label  
Download Quota ?

Name  
voice\_download\_quota ?

Type  
Drop-down ?

Client can Add  
 Client can Edit

Options

Add Additional Option

Name ?	Value ?	Options
100GB	102400	Delete

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	0.00	0.00	Add, Delete

200GB	204800	Delete
-------	--------	--------

Pricing

Term ?	Period	Currency	Price	Setup Fee	Options
1	Month	USD	2.00	0.00	Add, Delete

Group Membership

Member Groups  
TCAdmin Voice

Available Groups  
Vultr Options  
TCAdmin Games

Update Package Option

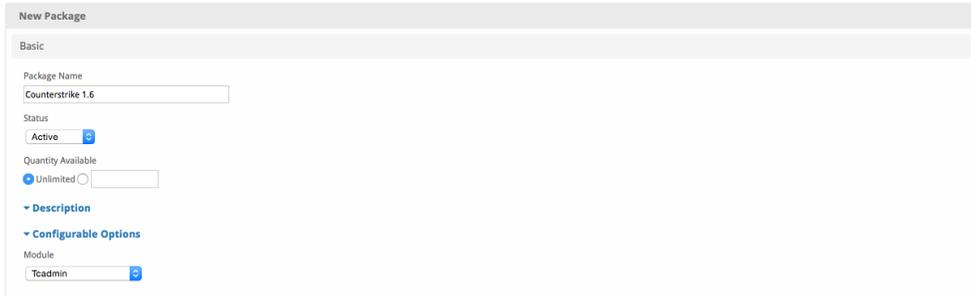
## Creating Packages

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:



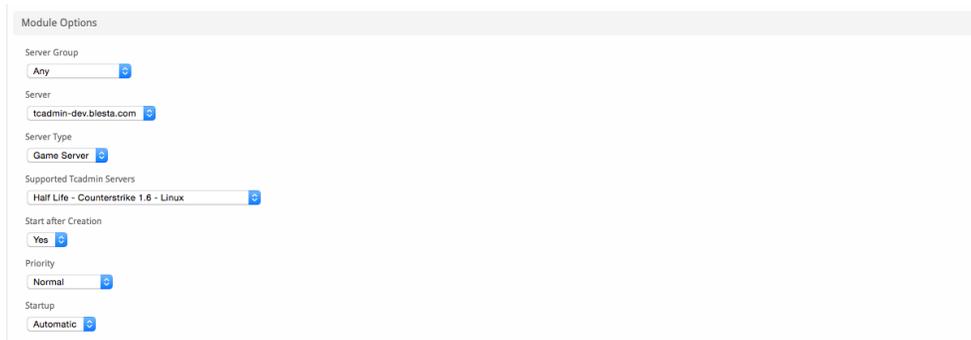
The screenshot shows the 'New Package' form with the following fields and values:

- Package Name: Counterstrike 1.6
- Status: Active
- Quantity Available: Unlimited
- Description: (empty)
- Configurable Options: (empty)
- Module: TAdmin

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 "TAdmin" for the module.

## Module Options

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



The screenshot shows the 'Module Options' form with the following fields and values:

- Server Group: Any
- Server: tadmin-dev.blista.com
- Server Type: Game Server
- Supported Tadmin Servers: Half Life - Counterstrike 1.6 - Linux
- Start after Creation: Yes
- Priority: Normal
- Startup: Automatic

Field Name	Description
Server Group	Select "Any" unless you are running many TAdmin master nodes and have added them to separate groups within the module.
Server	Select your TAdmin server.
Server Type	Select "Game Server", or "Voice Server"
Supported Tadmin 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

Pricing

[Add Additional Price](#)

Term	Period	Currency	Price	Setup Fee	Cancellation Fee	Options
1	Month	USD	20	0.00	0.00	<a href="#">Remove</a>

Taxable  
 Cancel at end of term  
 Enable Pro rata ?

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

Welcome Email

Tags:

{client.id} {client.id\_code} {client.first\_name} {client.last\_name} {pricing.term} {pricing.period} {pricing.currency} {pricing.price} {pricing.setup\_fee} {pricing.cancel\_fee} {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}

English, US

HTML Text

Source

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}

body p

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>&nbsp;{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>&nbsp;</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_ein0ctvkkkg5yhw
            [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

**Group Membership**

A package must belong to at least one group to be usable.

Select from Available Groups
  Create a New Group

Standard Package Group Name

Game Servers

[Create Package](#)

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](#) for 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";
```