

# 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 TCAAdmin

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



Tcadmin (ver 1.0.0)  
Author: Phillips Data, Inc.

Install

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

The module was successfully installed.

Manage Tcadmin

Add Server Group

Add Server

Servers

There are no servers.

Server Groups

There are no server groups.

Enter your TCAAdmin details.

Add Tcadmin Server

Basic Settings

Server Label

tcadmin.blesta.com

Hostname

tcadmin.blesta.com

User Name

admin

Port

8880

☐ 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 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. <div> <b>Game Server Required</b> This configurable option is <b>required</b> for game servers.</div>
game_private	integer = 0 or 1	Dropdown	A value of 1 will make the game server private. <div> <b>Game Server Required</b> This configurable option is <b>required</b> for game servers.</div>
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. <div> <b>Game Server Required</b> This configurable option is <b>required</b> for game servers.</div>
voice_slots	integer >= 0	Quantity, Dropdown	Determines how many slots will be assigned to the voice server. <div> <b>Voice Server Required</b> This configurable option is <b>required</b> for voice servers.</div>
voice_private	integer = 0 or 1	Dropdown	A value of 1 will make the voice server private. <div> <b>Voice Server Required</b> This configurable option is <b>required</b> for voice servers.</div>
voice_upload_quota	integer (in MB)	Dropdown	Sets the upload quota. <div> <b>Teamspeak 3 Only</b> This configurable option is only required for Teamspeak 3 Voice Servers.</div>
voice_download_quota	integer (in MB)	Dropdown	Sets the download quota. <div> <b>Teamspeak 3 Only</b> This configurable option is only required for Teamspeak 3 Voice Servers.</div>

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

## 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	Delete

Pricing

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

Group Membership

Member Groups

TCAdmin Games

Available Groups

Vultr Options

TCAdmin 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.

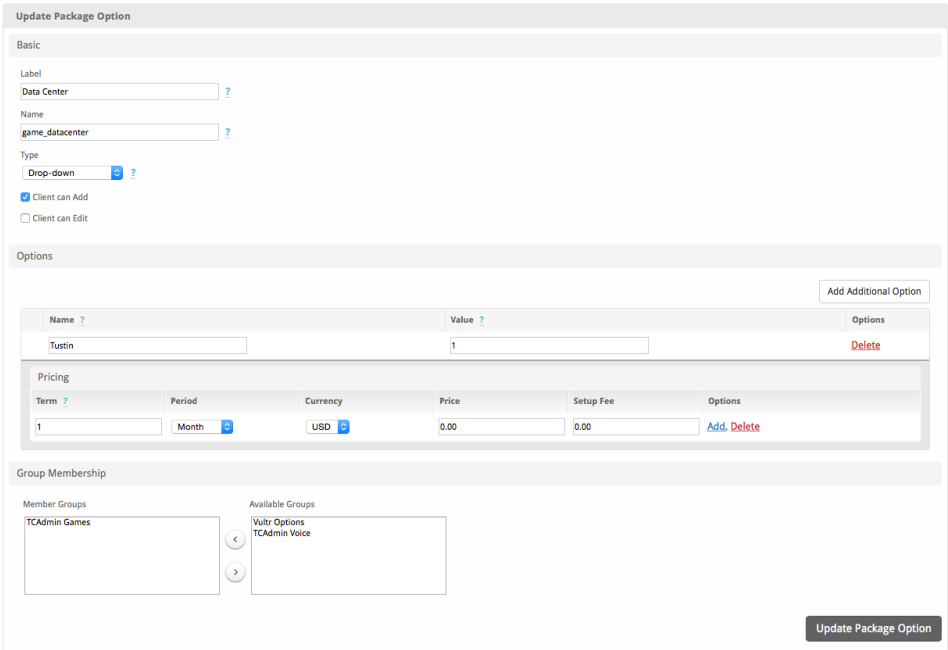
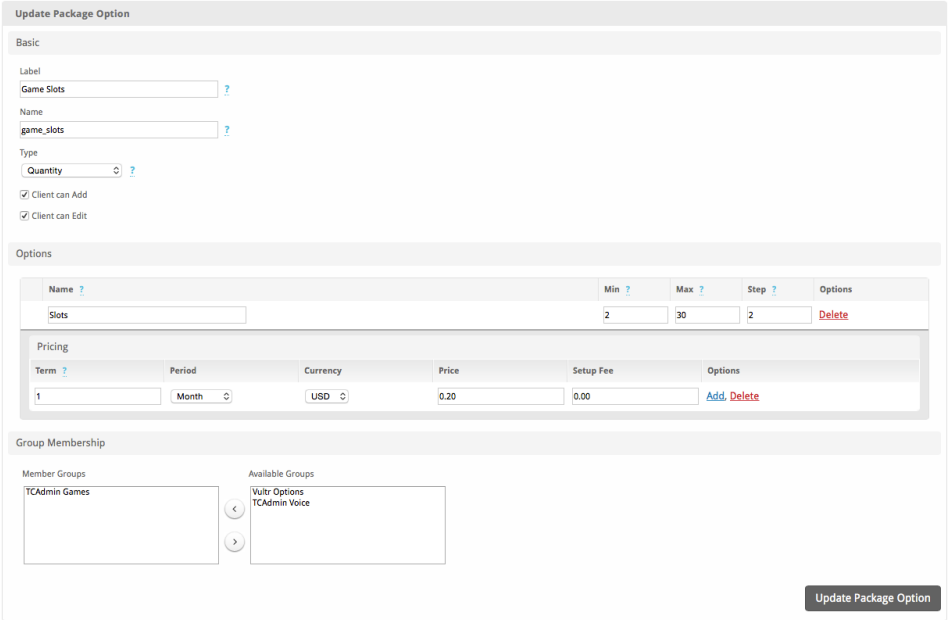
Field Name	Description
Label	Enter a label, which will appear above or next to this form field.
Name	Enter a name, which is the form field name. (Important! This should match an Option Name described above. The module requires specific naming.)
Type	Select the field type from "Checkbox", "Radio", "Drop-down", 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'. The 'Basic' section includes fields for Label ('Data Center'), Name ('game_datacenter'), and Type ('Drop-down'). Checkboxes for 'Client can Add' and 'Client can Edit' are both checked. The 'Options' section has a table with one row: Name 'Tustin', Value '1', and a 'Delete' link. The 'Pricing' section has a table with one row: Term '1', Period 'Month', Currency 'USD', Price '0.00', Setup Fee '0.00', and 'Add, Delete' links. The 'Group Membership' section shows 'TCAdmin Games' in the Member Groups and 'Vultr Options, TCAdmin Voice' in the Available Groups. 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'. The 'Basic' section includes fields for Label ('Game Slots'), Name ('game_slots'), and Type ('Quantity'). Checkboxes for 'Client can Add' and 'Client can Edit' are both checked. The 'Options' section has a table with one row: Name 'Slots', Min '2', Max '30', Step '2', and a 'Delete' link. The 'Pricing' section has a table with one row: Term '1', Period 'Month', Currency 'USD', Price '0.20', Setup Fee '0.00', and 'Add, Delete' links. The 'Group Membership' section shows 'TCAdmin Games' in the Member Groups and 'Vultr Options, TCAdmin Voice' in the Available Groups. 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

Public

Value

0

Options

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.00

Setup Fee

0.00

Options

Add

Delete

Private

1

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.00

Setup Fee

0.00

Options

Add

Delete

Group Membership

Member Groups

TCAdmin Games

Available Groups

Vultr Options

TCAdmin 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

Tustin

Value

1

Options

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.00

Setup Fee

0.00

Options

Add

Delete

Group Membership

Member Groups

TCAdmin Voice

Available Groups

Vultr Options

TCAdmin 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

Slots

Min

10

Max

100

Step

2

Options

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.10

Setup Fee

0.00

Options

Add Delete

Group Membership

Member Groups

TCAdmin Voice

Available Groups

Vultr Options  
TCAdmin 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

Public

Value

0

Options

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.00

Setup Fee

0.00

Options

Add Delete

Name

Private

Value

1

Options

Delete

Pricing

Term

1

Period

Month

Currency

USD

Price

0.00

Setup Fee

0.00

Options

Add Delete

Group Membership

Member Groups

TCAdmin Voice

Available Groups

Vultr Options  
TCAdmin 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:

New Package

Basic

Package Name

Counterstrike 1.6

Status

Active

Quantity Available

Unlimited

Description

Configurable Options

Module

Tcadmin

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:

Module Options

Server Group

Any

Server

tcadmin-dev.blista.com

Server Type

Game Server

Supported Tcadmin 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 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.

## 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.

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.

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_ein0ctvkk95yhw
            [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_ein0ctvkg5yhw
    [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";
```