DirectAdmin

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About DirectAdmin

DirectAdmin is a graphical web-based web hosting control panel. Learn more about DirectAdmin on their website at https://www.directadmin.com.

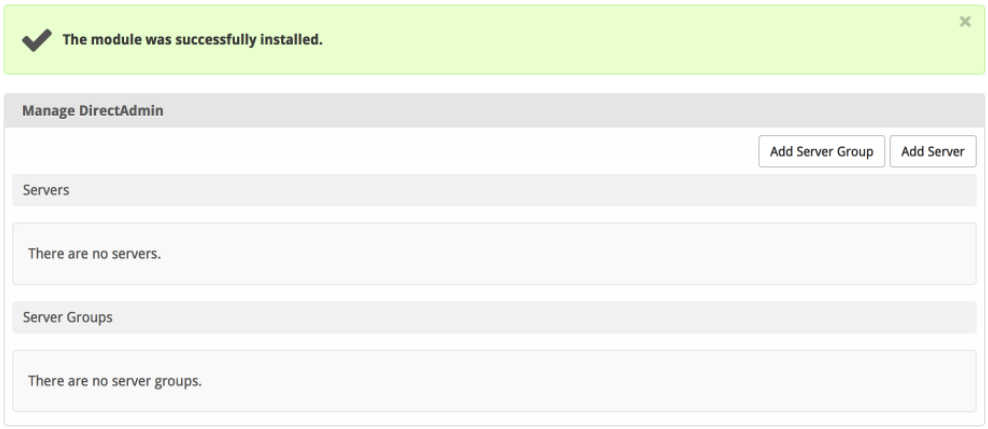
Supported Features

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

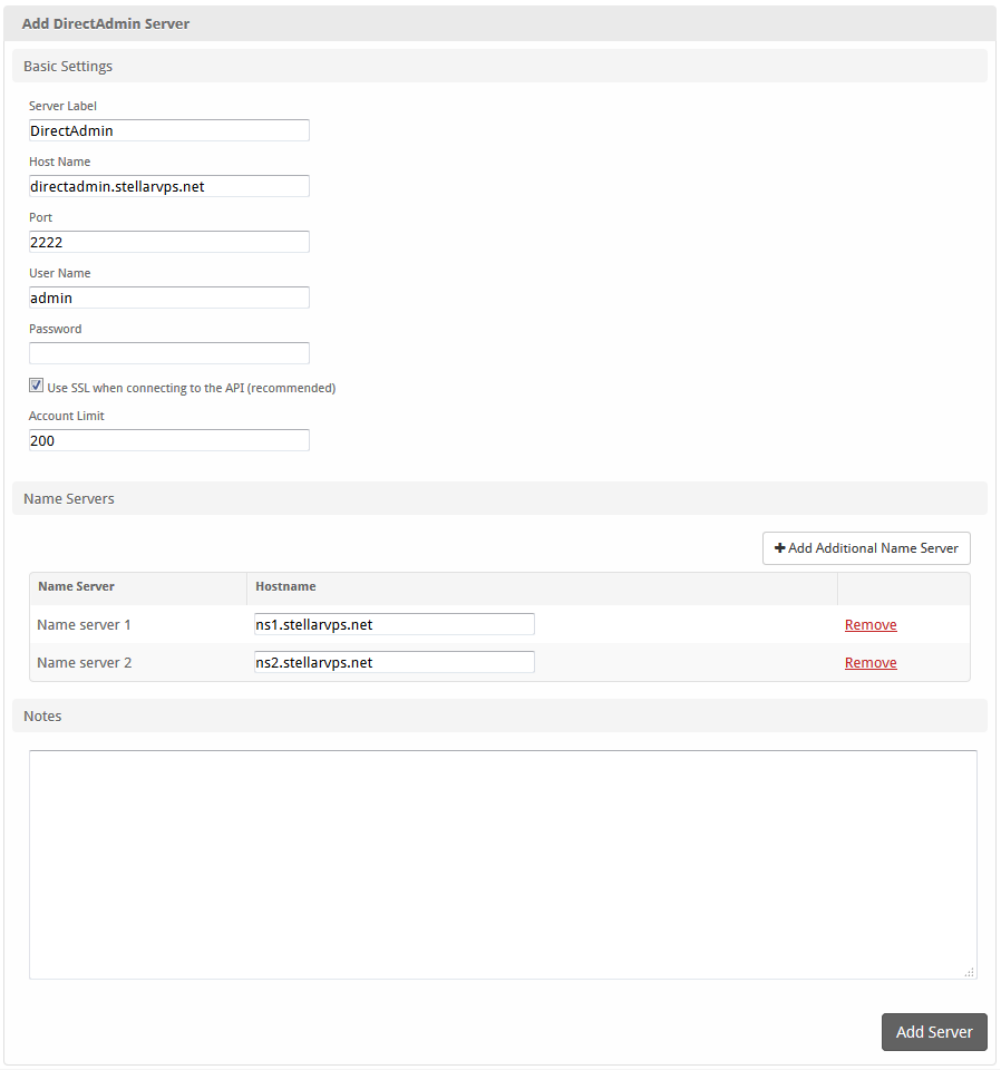
Installing DirectAdmin

To install the DirectAdmin module, visit [Settings] > [Company] > [Modules] > Available, and click the "Install" button for DirectAdmin.

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



Enter the details for your DirectAdmin server.



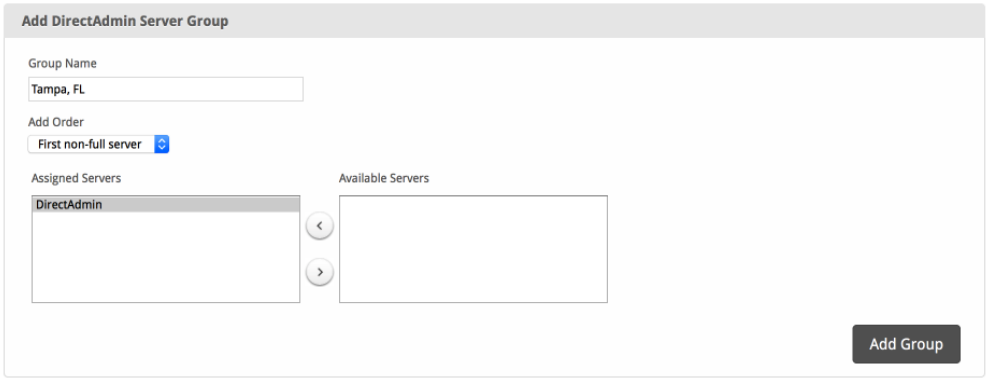
Field Name	Description
Server Label	Enter a label for this DirectAdmin server, it can be anything you like.
Host Name	Enter the FQDN hostname for your DirectAdmin server, i.e. "directadmin.domain.com".
Port	The port for your DirectAdmin server. Defaults to 2222.
Username	Enter your DirectAdmin username. This is the username you would log into DirectAdmin with.
Password	Enter your DirectAdmin password. This is the password you would log into DirectAdmin with.
Use SSL when connecting to the API	Check this option to use SSL for all API requests to your DirectAdmin server. This is highly recommended.
Account Limit	Enter the maximum number of accounts that should be added to this DirectAdmin server.
Name Servers	Enter the name servers that should be used for this server. These will be available to the package welcome email to the client.
Notes	Enter any notes that pertain to this server for future reference.

After filling out these options, click "Add Server" to add your DirectAdmin server.

Server Groups

Server groups are useful for categorizing DirectAdmin servers. When creating a Package, a specific server, or a server group may be selected for provisioning. Blesta will automatically select a DirectAdmin server to provision with when a server group is chosen.

To add a server group, from the DirectAdmin overview at [Settings] > [Company] > [Modules] > DirectAdmin, click "Add Server Group", then enter the details.



Option	Details
Group Name	Enter the name for this server group.
Add Order	Choose how servers in this group will be selected for provisioning. Currently, first non-full server is the only add order.
Assigned Servers	Select servers under "Available Servers" and click to move them to the left column to add them to the group.

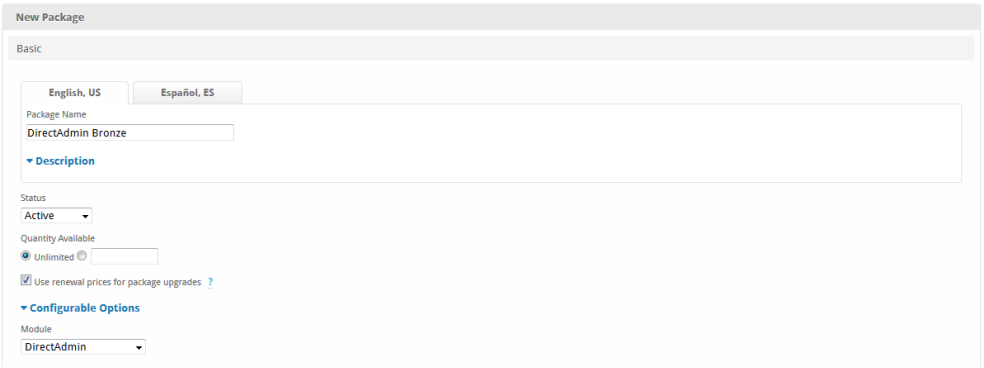
Creating Packages

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

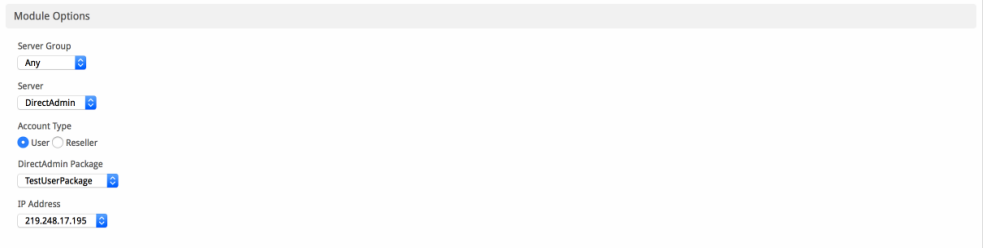
The Basic section consists of the following options:



Field Name	Description
Package Name	Enter the name of this Package, it will be visible wherever services are listed and on any order forms. A separate name can be defined for each language in the system.
Description	Enter a Description for this Package. HTML is allowed, and descriptions appear on order forms. A separate name can be defined for each language in the system.
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".
Use renewal prices for package upgrades	When enabled, upgrading to this package will use renewal prices if they are set. The same will apply to any configurable options that are altered in the upgrade. The regular price that will be used in this setting is disabled.
Configurable Options	Select the Configurable Option Group you created previously, to make those options available for this package.
Module	Select "DirectAdmin" for the module.

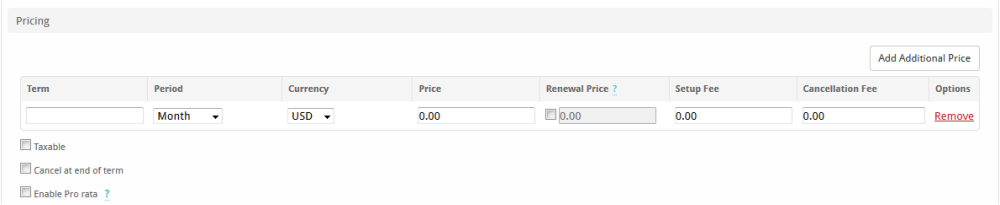
Module Options

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



Field Name	Description
Server Group	Select "Any" if you wish to specify a specific server, or select the Server Group to provision from. Selecting a group means that accounts will be provisioned from the group. Selecting a group is recommended.
Server	If "Any" is selected above, select the server this package will use to provision accounts.
Account Type	Select the appropriate account type, i.e. "User" for standard hosting accounts.
DirectAdmin Package	Select the DirectAdmin Package to use when configuring accounts. These values are pulled from "Plans" created in DirectAdmin and specify resources for the plan.
IP Address	Select the IP Address you would like to create the accounts on.

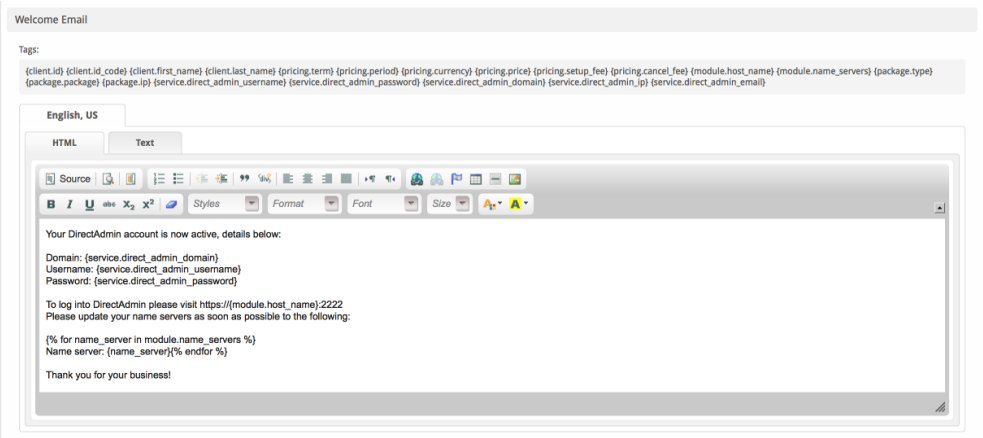
Pricing



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.
Renewal Price	If enabled, the renewal price will be used for service renewals and possibly prorated service changes, depending on the setting above.
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.

```
Your DirectAdmin account is now active, details below:

Domain: {service.direct_admin_domain}
Username: {service.direct_admin_username}
Password: {service.direct_admin_password}

To log into DirectAdmin please visit https://{module.host_name}:2222
Please update your name servers as soon as possible to the following:

{% for name_server in module.name_servers %}
Name server: {name_server}{% endfor %}

Thank you for your business!
```

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 of the server that the service was provisioned on	e.g. "domain.com"
{module.name_servers}	An array of available name servers for this module	Array elements must be looped over in the email template. See below for an example.
{package.type}	The package meta type	e.g. "standard", "user", "reseller", etc.
{package.package}	The package meta package name	e.g. "Bronze"
{package.ip}	The package meta IP address	
{service.direct_admin_username}	The service field for the DirectAdmin account username	
{service.direct_admin_password}	The service field for the DirectAdmin account password	
{service.direct_admin_domain}	The service field for the DirectAdmin domain	e.g. "domain.com"
{service.direct_admin_ip}	The service field for the DirectAdmin IP address	e.g. "shared", "assign", or an IP address
{service.direct_admin_email}	The service field for the DirectAdmin email address	

Displaying Name Servers in the Welcome Email

The {module.name_servers} tag must be iterated over to display the name servers. Email tag usage is elaborated upon on the Customizing Emails page.

Consider an example where the module has two name servers set, named "ns1.domain.com" and "ns2.domain.com". The following can be added to the email template to output the name servers:

```
{% for name_server in module.name_servers %}
Name server: {name_server}{% endfor %}
```

The welcome email will display this as:

```
Name server: ns1.domain.com
Name server: ns2.domain.com
```

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 DirectAdmin servers. See Creating an Order Form for more details.

Port Change?

If you change the port your DirectAdmin server runs on from 2222 to anything else, you must update the port for the module in /components/modules /direct_admin/apis/direct_admin_api.php Find the following line and update as required:

```
var $apiUrl='http://directadmin-install:2222';
```

Also look for and update:

```
$this->apiUrl = rtrim($url, "/") . ":2222";
```