

Hostbill Integration Manual

Automatic and fast provisioning of BackupAgent for service providers using HostBill

1. About BackupAgent For HostBill

BackupAgent for HostBill is a module which allows your customers to quickly and conveniently order and manage a ready BackupAgent services from your HostBill client area.

2. Installation & Configuration

The only additional requirement for running this module is to install the mcrypt extension, see: <http://php.net/manual/en/book.mcrypt.php>

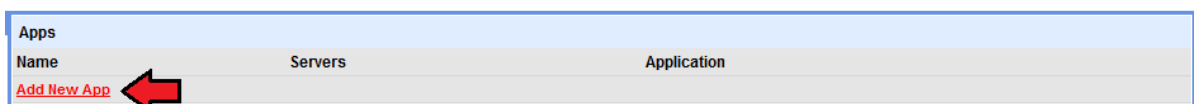
2.1 Upload the Module Files

Upload and unzip the module into your main HostBill directory:

..		2013-05-06 11:03:34
templates_c		2013-05-06 08:33:17
templates		2013-04-11 14:23:05
sharing		2013-04-11 14:23:05
downloads		2013-04-11 14:23:05
attachments		2013-04-11 14:23:01
admin		2013-04-11 14:23:01
includes		2013-04-11 14:23:00
<u>BackupAgent Hostbill.zip</u>	149 KiB	2013-05-07 12:00:52

2.2 Add New App

Log in to your HostBill and go to 'Settings' → 'Apps'. Next, click on 'Add New App' as shown on the following screen.



2.3 Configure The App

Choose 'backupagent' from an Application dropdown menu, enter your server details, test configuration and when the result will be successful press on 'Add New App' button.

Apps > Add New App

Application: backupagent

Name: BackupAgent

Test Configuration

Hostname: myserver.backupagent.com

Username: admin

Password: ●●●●●●

Secure Tick to use SSL Mode for Connections

Add New App Or Cancel

2.4 Verify The App

As a result of the previous action, you will see a new app which is ready to use. Let's proceed with configuration of the module.

Apps > BackupAgent Edit

Name	Users	IP	Host
BackupAgent (default)	0 / 0		myserver.backupagent.com Test Configuration Edit

[Add New Server](#) [Change Default Server](#)

2.5 Add New Order Page

Now let's add new order page and new product. To do so, go to 'Settings' → 'Products & Services' and click on 'Add new order page'.

Order Pages

Name	Number of products	Order type
Hosting	8	wizard_bookshelf Edit Hide

[Add new order page](#)

2.6 Configure The Order Page

Configure your new order page and once you are ready, click on 'Add new order page' button.

Add new order page

Name: [Add translation](#)

Order page url: <http://dev.modulesgarden.com/hostbill/index.php?/cart/backupagent/> [Edit](#)

Order type: **Select one**
 Select one
 bundles
 Colocation
 VPS Accounts
 Domains
 Enom Certificates
 Marketing
Other Services
 Reseller Accounts
 Dedicated Servers
 Shared Accounts
 SolusVM VPS

Description: types, you can enable them by activating related [hosting modules](#)

Advanced: Or [Cancel](#)

Created by [HostBill](#)

2.7 Add New Product

When you have new order page, you can add a new product. For this purpose click on 'Add new product' button as presented on the screen below.

BackupAgent Listing + more info

[Order Pages](#) » [BackupAgent](#) [Edit this order page](#)


Name

Category: [VPS Hosting - ...](#)

[VPS256](#)

[VPS512](#)

This order page doesn't have products



Category: [Dedicated Servers - ...](#)

[Basic Server](#)

[Gold Server](#)

2.8 Configure The Product

Perform basic configuration of the product and go to 'Connect with App' category. Choose 'backupagent' from a 'Third party app' dropdown menu. Afterwards enter same connection details that you entered while configuring the app and test the connection to make sure that details are correct. Now you can configure the App for your product. When your product is ready for action, press on 'Save Changes' button.

Order Pages » BackupAgent » BackupAgent Professional

General Connect with App Automation Emails Components Client Functions Other Settings

Third party app backupagent

Server **New server Cancel**

Hostname myserver.backupagent.com

Username admin

Password

Secure

Add this server Test Configuration

Parent Reseller: admin

Client Download URL: http://clientdownloadurl

*Usage Percentage Before Email: 90

*Days With No Backup Before Warning: 3

Default User Quota (GB): 5

Default Storage ID: 1003

Default Maximum Bandwidth (KB/s): 256

Default User Profile: Workstation

Default Account Type: Normal

Save Changes

Order Pages » BackupAgent » BackupAgent Professional

2.9 Import The Components

Go to 'Components' category and import the components prepared for this module by simply pressing on 'Import' button and browsing the 'components.yml' file.

Order Pages » BackupAgent » BackupAgent Professional

General Connect with App Automation Emails Components Client Functions Other Settings

Forms Addons Domains Sub-products

CPUs

Create flexible product with form fields.
Let your customers configure their product during order, gather additional information, bill for product customization

Add new form field Or Import

Disk Size [GB]

Port Speed [Mbps]

Save Changes

Order Pages » BackupAgent » BackupAgent Professional

2.10 Verify The Import Process

This is what you are going to see after a successful import.

The screenshot shows the 'BackupAgent Professional' configuration page. At the top, there are navigation tabs: 'General', 'Connect with App', 'Automation', 'Emails', 'Components', 'Client Functions', and 'Other Settings'. Below these are sub-tabs: 'Forms', 'Addons', 'Domains', and 'Sub-products'. The main content area contains four configuration rows, each with a list of options and a 'Field type: Dropdown' label on the right. The rows are: 'User Quota' (options: 1 GB, 5 GB, 10 GB, 25 GB, 50 GB, 75 GB, 100 GB, 200 GB, 500 GB), 'Maximum Bandwidth' (options: 128 KB/s, 256 KB/s, 512 KB/s, 1024 KB/s, 2048 KB/s, 5120 KB/s), 'User Profile' (options: Workstation, Server), and 'Account Type' (options: Normal, Trial, Free). At the bottom of the form area, there are buttons for 'Add new form field', 'Preview', 'Export', and 'Import'. Below that is a 'Save Changes' button. The breadcrumb trail at the bottom reads 'Order Pages » BackupAgent » BackupAgent Professional'.

2.11 Enable Client Functions

The last configuration step is enabling some of the client functions. Go to 'Client Functions' category and enable 'Reset Password' and 'Login Details'. Don't forget to save the changes.

The screenshot shows the 'Client Functions' configuration page. At the top, there are navigation tabs: 'General', 'Connect with App', 'Automation', 'Emails', 'Components', 'Client Functions', and 'Other Settings'. Below these are sub-tabs: 'Add custom link / function', 'Enable all', and 'Disable all'. The main content area contains three configuration rows, each with a name and two radio buttons for 'Enable' and 'Disable'. The rows are: 'Reset Password' (Enable selected), 'Login Details' (Enable selected), and 'New Direct link' (Disable selected). At the bottom of the form area, there is a 'Save Changes' button with a red arrow pointing to it. The breadcrumb trail at the bottom reads 'Order Pages » BackupAgent » BackupAgent Professional'.

3. Order Placing

3.1 Placing An Order

Now your product is ready to use by your customers. Let's see how the ordering process looks. As you can see on the following screen, your customers can choose a suitable quota and maximum bandwidth, their user profile and account type.

Place new Order Domain

Product Configuration Order Summary Checkout

BackupAgent Professional

Price FREE!

Product Configuration

User Quota
5 GB

Maximum Bandwidth
256 KB/s

User Profile
Workstation

Account Type
Normal

Fields marked with asterisk (*) are required

3.2 Client Area

This is what your customers are going to see in your HostBill client area. Customers can easily access their BackupAgent control panel owing to 'Log In To Client Area' button, monitor current resource usage and easily upgrade/downgrade the product.

The screenshot shows the BackupAgent Professional interface. On the left is a sidebar with navigation options: Service Details (selected), Reset Password, Login Details, and Request Cancellation. The main content area displays the following information:

- Client Area / BackupAgent / BackupAgent Professional**
- PRODUCT/SERVICE**: BackupAgent - BackupAgent Professional
- STATUS**: Active
- REGISTRATION DATE**: 2013-05-08
- BILLING CYCLE**: Free
- Account Info**:
 - Used Size 489 MB
 - Max Size 5000 MB
 - Account Type 5 GB
 - User Profile Workstation
 - Max Bandwidth Usage 256 KB/s
 - Client Download URL <http://clientdownloadurl.com>
- Log In To Control Panel** button

Below this information is a table with the following data:

User Quota	5 GB Upgrade / Downgrade
Maximum Bandwidth	256 KB/s Upgrade / Downgrade
User Profile	Workstation Upgrade / Downgrade
Account Type	Normal Upgrade / Downgrade

From now on, you know everything about module installation, configuration and usage. You can read our tips and you are ready to go!

3.3 Tips

3.3.1 Client area info/login button

The info table template is loaded from "includes/modules/Hosting/backupagent/templates/{template_name}/clientarea.tpl", where {template_name} is your current template (default/nextgen/etc...). If custom template directory won't be found, then the nextgen's one will be loaded (includes/modules/Hosting/backupagent/templates/nextgen/clientarea.tpl).

3.3.2 Provided details

Make sure that details you enter while configuring the app and product in your HostBill system are correct. Mistake in one field might cause module to not work properly e.g. wrong parent reseller value will unable product from being created.

3.3.3 Debugging issues

In some cases the module integration might not work at once. Step-by-step debugging of the module might be required to locate the actual cause in the PHP code.

HostBill has `error_reporting` turned off by default, so on critical error it will render blank page. If you will stumble upon any issues you can enable error reporting by editing your file:

```
/includes/config.php
```

by adding/editing line:

```
$enable_debug=true;
```

you can also do this by inserting in the code (somewhere at the start of the script):

```
error_reporting(E_ALL); ini_set('display_errors',1);
```

Usually this is enough, but in some cases it is required to add debug lines of code to produce an error, for example by using `die()`; until something useful appeared on the screen.