

ObjSpace: Backup VestaCP (Experimental)

VestaCP is a open source webhosting control panel. It support FTP and SFTP backup out of the box, but with some patches can be adapted to backup to ObjSpace.

This is an experimental set of patches so please backup your system before making these changes. Delimiter is not responsible for dataloss or damage caused by using or following these instructions.

Patching VestaCP

Step	Action	Centos / Redhat	Debian / Ubuntu	Description
1	Install S3CMD	<pre>cd /etc/yum.repos.d wget http://s3tools.org/repo/RHEL_6/s3tools.repo yum -y install s3cmd</pre>	<pre>sudo wget -O- -q http://s3tools.org/repo/deb-all/stable/s3tools.key sudo apt-key add - sudo wget -O/etc/apt/sources.list.d/s3tools.list http://s3tools.org/repo/deb-all/stable/s3tools.list sudo apt-get update && sudo apt-get -y install s3cmd</pre>	S3CMD is used to connect to ObjSpace
2	Configure S3CMD	<pre>cat > /root/.s3cfg <<EOF [default] access_key = YOURACCESSKEY secret_key = YOURSECRETKEY bucket_location = US cloudfront_host = cloudfront.amazonaws.com cloudfront_resource = /2010-07-15/distribution default_mime_type = binary/octet-stream delete_removed = False dry_run = False encoding = UTF-8 encrypt = False follow_symlinks = False force = False get_continue = False gpg_command = /usr/bin/gpg gpg_decrypt = %(gpg_command)s -d --verbose --no-use-agent --batch --yes --passphrase-fd %(passphrase_fd)s -o %(output_file)s %(input_file)s gpg_encrypt = %(gpg_command)s -c --verbose --no-use-agent --batch --yes --passphrase-fd %(passphrase_fd)s -o %(output_file)s %(input_file)s gpg_passphrase = guess_mime_type = True host_base = obj.space host_bucket = %(bucket)s.obj.space human_readable_sizes = False list_md5 = False log_target_prefix = preserve_attrs = True progress_meter = True proxy_host = proxy_port = 0 recursive = False recv_chunk = 4096 reduced_redundancy = False send_chunk = 4096 simplifiedb_host = sdb.amazonaws.com skip_existing = False socket_timeout = 10 urlencoding_mode = normal use_https = False verbosity = WARNING EOF</pre>		<p>YOURACCESSKEY and YOURSECRETKEY are shown on the welcome email.</p> <p>If your Secret Key has an escaped / ie \ (backslash then forward slash) then remove the backslash so just the forward slash is copied into the config.</p>
3	Test S3CMD	<pre>s3cmd ls</pre>		<p>This will show a list of all buckets currently in your ObjSpace account. If you have not created any yet then it will be empty.</p> <p>The critical thing is to ensure that no error appears</p>
4	Change to VestaCP directory	<pre>cd /usr/local/vesta</pre>		
5	Download the patches	<pre>wget http://delimiter.obj.space/vestacp/vestacp-objspace-06aa3a92-dist.tar.gz</pre>		
6	Backup the system files	<pre>cp bin/v-backup-user bin/v-backup-user.ORIGINAL cp web/templates/admin/edit_server.html web/templates/admin/edit_server.html.ORIGINAL</pre>		
7	Untar the patched files	<pre>tar xvf vestacp-objspace-06aa3a92-dist.tar.gz</pre>		

Configuring VestaCP

Login to VestaCP and go to Server -> Configuration. In there select Backup and make the following changes:

Remote backup ▾

Protocol

ObjSpace ▼

Host/Bucket Name

mybucket

Username/AccessKey

username

Password/SecretKey

password

Directory

mysubdirectory

1. Enter a bucket name, you can precreate a bucket or leave VestaCP to create it for you.
2. AccessKey and SecretKey are not used here at this time, this is because VestaCP passes the data to the command openly which can be easily seen on a public system. You have to enter dummy values in here in order for VestaCP to process the backup file.
3. Enter a directory (if required), this in case you want to have multiple servers backing up to the same bucket. You should not place a slash in the directory name.
4. Click Save

Go back to the command line and verify that the ObjSpace configuration file now been generated by VestaCP:

```
| cat /usr/local/vesta/conf/objspace.backup.conf
```

You should see your bucket name and directory in the HOST and BPATH variables respectively.

Testing Backup

Time to test the backup works, you'll need to choose a user to test with then run:

```
| /usr/local/vesta/bin/v-backup-user [username]
```

The backup will run and you specifically want to watch out for errors. For example 'ERROR: S3 error: 403 (AccessDenied)' or 'ERROR: S3 error: 409 (BucketAlreadyExists)'. If you get these errors then ensure you have a unique bucket name and that your accesskey and secretkey are correctly entered in VestaCP.

A successful run will look like this:

```
-- SUMMARY --
2016-01-05 02:02:37 Remote: objspace://mybucket123/mysubdirectory/markturner.2016-01-05.tar
2016-01-05 02:02:37 Checking ObjSpace connection
2016-01-05 02:02:37 Creating bucket (if necessary)
2016-01-05 02:02:38 Checking retention
2016-01-05 02:02:38 Current Backups = 1 Max Backups = 1
2016-01-05 02:02:38 Creating tarballs then uploading backups
'markturner.2016-01-05.tar' -> 's3://mybucket123/mysubdirectory/markturner.2016-01-05.tar' [1
of 1]
 51200 of 51200   100% in    0s    5.17 MB/s  done
'markturner.2016-01-05.tar' -> 's3://mybucket123/mysubdirectory/markturner.2016-01-05.tar' [1
of 1]
 51200 of 51200   100% in    0s   270.20 kB/s  done
2016-01-05 02:02:38 Size: 1 Mb
2016-01-05 02:02:38 Runtime: 1 minute
```

Summary

This is provided as-is, you need to test that the patches provided successfully backup your data and that you can restore it using the regular VestaCP tools.

If you have any issues using ObjSpace then please open a support ticket.

Related articles

- [ObjSpace: Configuring ownCloud](#)
- [ObjSpace: Configuring Seafile](#)
- [ObjSpace: Configuring Dropzone](#)
- [ObjSpace: Configuring Dropshare](#)
- [ObjSpace: Backup VestaCP \(Experimental\)](#)

10 resultados relacionados