

Drupal 8 – Installing the Address Module on a Web Host

Setting up SSH on SiteGround

Installing Composer

Using the composer over an SSH terminal connection to install the Address Module

The Address Module is required for CSV Data Import of Address Data

- The problem is that we can not just save off the Address module's URL and go into Drupal 8 and install it
- Instead we must get to a command line and run 2 composer commands

(1) composer config repositories.drupal composer https://packages.drupal.org/8

(2) composer require "drupal/address ~1.0"

Drupal Project Page for the Address Module

Drupal™

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Address

[View](#) [Version control](#) [Automated testing](#)

Posted by [bojanz](#) on 7 February 2015

Provides functionality for storing, validating and displaying international postal addresses.

The Drupal 8 heir to the [addressfield](#) module, powered by the [commerceguys/addressing](#) and [commerceguys/zone](#) libraries.

Features:

- Address formats for 200 countries
- Subdivisions (administrative areas, localities, dependent localities) for 40 countries
- Subdivision translations for all of the parent country's (i.e Canada, Switzerland) official languages.
- Field type
- Validation and formatting of entered addresses
- Zones (territorial groupings mostly used for shipping or tax purposes)

★ 10

Maintainers for Address

[bojanz](#) – 135 commits
last: 1 week ago, first: 2 years ago

[googletorp](#) – 14 commits
last: 8 months ago, first: 1 year ago

[View all committers](#)

[View commits](#)

Issues for Address

To avoid duplicates, please search before submitting a new issue.

Second page where it gives up the bad news about having to install via composer

Installation

Address **must** be installed via Composer, in order to get the required libraries. The tarballs are provided for informative purposes only.

1. Add the Drupal.org repository

```
composer config repositories.drupal composer https://packages.drupal.org/8
```

This allows Composer to find Address and the other Drupal modules.

2. Download Address

```
composer require "drupal/address ~1.0"
```

This will download the latest release of Address.

Use 1.x-dev instead of ~1.0 to get the -dev release instead.

Use `composer update drupal/address --with-dependencies` to update Address to a new release.

See [Using Composer in a Drupal project](#) for more information.

Supporting organizations:

[Commerce Guys](#)

submitting a new issue

[Advanced search](#)


All issues


63 open, 243 total

Bug report


17 open, 79 total


Statistics

New issues 

Response rate 

1st response 

Open bugs 

Participants 

2 year graph, update

Documentation

No documentation

The last page with the `tar.gz` and `.zip` files that we can not use to install

Supporting organizations:

[Commerce Guys](#)

Project Information

Maintenance status: [Actively maintained](#)

Development status: [Under active development](#)

Module categories: [Fields](#), [Location](#)

Reported installs: 7,244 sites currently report using this module. [View usage statistics.](#)

Downloads: 118,808

Last modified: 16 March 2017



Stable releases for this project are covered by the [security advisory policy](#).
There are currently no supported stable releases.

Downloads

Version	Download	Date
8.x-1.0-rc4	tar.gz (50.59 KB) zip (89.64 KB)	2017-Feb-10

Development releases

8.x-1.x-dev	tar.gz (40.99 KB) zip (71.93 KB)	2017-Apr-23
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[View all releases](#)

Resources

[Read license](#)

[View project page](#)

Development

[View pending changes](#)

[Browse code](#)

[View commit history](#)


[Report a security issue](#)


[View change log](#)

Part 1 – Gainng access to SiteGround Web Host Command Line via SSH

- SiteGround does not give you command line access out of the box
- To get command line access to your SiteGround account and CMS sites you have to establish an SSH key, add it to the computer you intend to connect to SiteGround with and use a Terminal app to connect to SiteGround over a secure socket via SSH
- Sounds simple enough. And I'm on a Mac

I had to ask SiteGround about how to do the SSH. Here is there reply

**Dmytro Golubovych**

 Support Guru | Posts: 5261

Posted On 29 Apr, 2017 08:56 CDT

Good morning!

These commands should be run via SSH (Secure Shell). The tutorial we have on our website has more information and details about it:

<https://www.siteground.com/tutorials/ssh/>

What you're going to need to do is set up a pair of keys: a private and a public one. You can do so using **SSH/Shell Access** tool in cPanel:

https://www.siteground.com/tutorials/ssh/ssh_cpanel.htm

Once that is done, the private key should have 600 permissions and has to be placed in `~/.ssh` on your Mac. Then you should load your private SSH key using the following command in **Terminal** app:

```
ssh-add ~/.ssh/id_rsa
```

Then enter the passphrase you chose during the key generation process and afterwards run the command below to connect:

```
ssh -p18765 cmsfreel@m69.siteground.biz
```

If you need further assistance, please let us know.

Best regards,

Dmytro Golubovych
Technical Support Team

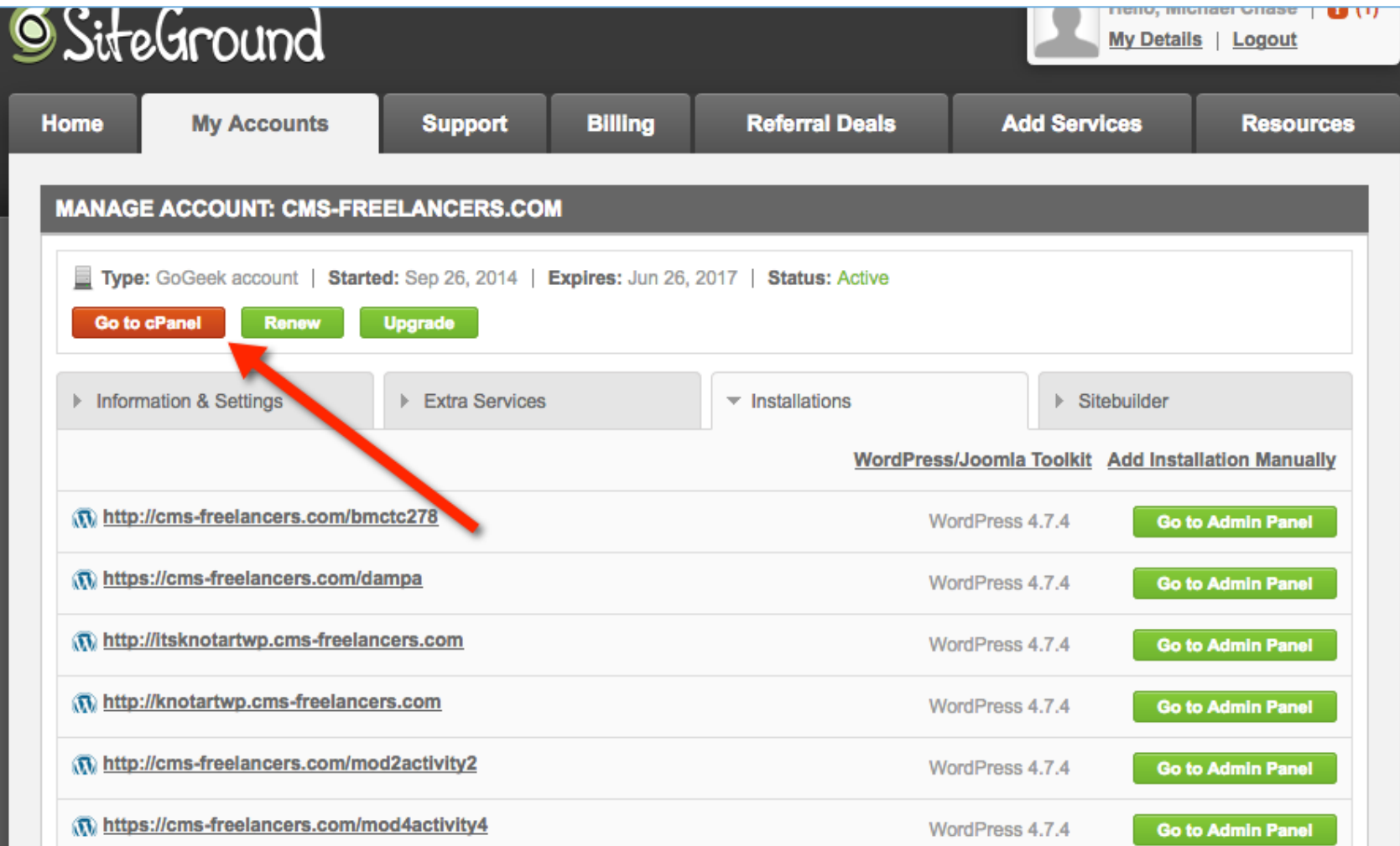
Steps To Establish Command Line Access to SiteGround

1. Login to SiteGround
2. Access the cPanel
3. Scroll down to the Advanced panel
4. Select SSH/Shell Access
5. Fill out the form, use the Generate password button to generate the password, and then immediately save the password (AKA: passphrase) off to a safe file and location
6. Generate the Private Key & #.private key file

Steps To Establish Command Line Access to SiteGround

6. On the SiteGround cPanel, find the Files section
7. Open the File Manager
8. Find the .ssh folder and our new #.private file
9. Download the #.private file to my Mac
10. On the Mac open a Terminal window
11. Copy the #.private to ~/.ssh folder
12. Chmod the #.private file to 600 (in ./ssh)
13. Run the command `ssh-add ~/.ssh/#.private`
14. Enter the password for the passphrase
15. Access SiteGround via the ssh command
`ssh -p<PORT> <username>@<webhost URL or IP>`

Login to SiteGround, Access the cPanel



The screenshot displays the SiteGround user interface. At the top, the SiteGround logo is on the left, and a user profile menu with 'My Details' and 'Logout' is on the right. Below this is a navigation bar with tabs: Home, My Accounts, Support, Billing, Referral Deals, Add Services, and Resources. The 'My Accounts' tab is selected, leading to the 'MANAGE ACCOUNT: CMS-FREELANCERS.COM' page.

Account details are shown: Type: GoGeek account | Started: Sep 26, 2014 | Expires: Jun 26, 2017 | Status: Active. Below this are three buttons: 'Go to cPanel' (highlighted with a red arrow), 'Renew', and 'Upgrade'.

Below the buttons are four expandable sections: 'Information & Settings', 'Extra Services', 'Installations', and 'Sitebuilder'. The 'Installations' section is expanded, showing a table of WordPress installations.

	WordPress/Joomla Toolkit	Add Installation Manually
http://cms-freelancers.com/bmctc278	WordPress 4.7.4	Go to Admin Panel
https://cms-freelancers.com/dampa	WordPress 4.7.4	Go to Admin Panel
http://tsknotartwp.cms-freelancers.com	WordPress 4.7.4	Go to Admin Panel
http://knotartwp.cms-freelancers.com	WordPress 4.7.4	Go to Admin Panel
http://cms-freelancers.com/mod2activity2	WordPress 4.7.4	Go to Admin Panel
https://cms-freelancers.com/mod4activity4	WordPress 4.7.4	Go to Admin Panel

Scroll down to the Advanced Section

SiteGround [My Details](#) | [Logout](#)

Home **My Accounts** **Support** **Billing** **Referral Deals** **Add Services** **Resources**

Account: cms-freelancers.com [cPanel Home](#)

ACCOUNT INFORMATION

Expiration date	2017-06-26
IP Address	37.60.244.137
Name Servers	ns1.m69.siteground.biz ns2.m69.siteground.biz How to manage your domain name?
Server Hostname	m69.siteground.biz
Hosting Package	GoGeek
Server Time	May 02 16:46 CDT

SEARCH CPANEL

Enter search terms here to find functions quickly.

STATS

Main Domain

One-Click Staging!

For Joomla & WordPress Websites

[TRY IT HERE](#)

DOMAINS

AUTOINSTALLERS

SITE IMPROVEMENT TOOLS

WORDPRESS TOOLS

JOOMLAI TOOLS

MAIL

1H SOFTWARE

FILES

Select SSH/Shell Access

The screenshot displays a web hosting control panel interface. On the left, a 'STATS' sidebar shows domain information for 'cms-freelancers.com', including disk space usage (15.87 GB / 30720 MB), inode usage (283593 / 450000), and other metrics. The main area contains several expandable sections: '1H SOFTWARE', 'FILES', 'DATABASES', 'BACKUPS MANAGER', 'VISITOR STATS', 'SECURITY', and 'ADVANCED'. The 'SECURITY' section includes icons for Password Protect Directories, IP Address Deny Manager, SSL/TLS Manager, Hotlink Protection, Let's Encrypt, and Site Security Check. The 'ADVANCED' section contains icons for Apache Handlers, CGI Center, Image Manager, Index Manager, SSH/Shell Access, Change Language, Error Pages, Cron Jobs, Optimize Website, Program Paths, and MIME Types. A red arrow points to the 'SSH/Shell Access' icon.

STATS	
Main Domain cms-freelancers.com	
Disk Space Usage	15.87 GB / 30720 MB
Inode Usage ?	283593 / 450000
Monthly Transfer	88.88 MB / ∞ MB
Email Accounts	24 / ∞
Subdomains	19 / ∞
Parked Domains	0 / ∞
Addon Domains	1 / ∞
FTP Accounts	1 / ∞
All SQL Databases	46 / ∞

expand stats

1H SOFTWARE

FILES

DATABASES

BACKUPS MANAGER

VISITOR STATS


SECURITY

- Password Protect Directories
- IP Address Deny Manager
- SSL/TLS Manager
- Hotlink Protection
- Let's Encrypt
- Site Security Check

ADVANCED

- Apache Handlers
- CGI Center
- Image Manager
- Index Manager
- SSH/Shell Access
- Change Language
- Error Pages
- Cron Jobs
- Optimize Website
- Program Paths
- MIME Types

Fill out the Form



Hello, Michael Chase
[My Details](#) | [Logout](#)

[Home](#)[My Accounts](#)[Support](#)[Billing](#)[Referral Deals](#)[Add Services](#)[Resources](#)

Account: cms-freelancers.com [cPanel Home](#)

Introduction

SSH allows secure access over an encrypted connection to your account. Through an SSH connection you can easily manage your files and folders, modify their permissions, edit files directly on the server, etc. In this section you can manage your SSH keys - you can import existing keys, generate new keys, as well as delete old keys.

Disclaimer: Please note that if you use FileZilla for sFTP connection, the password, the ppk file name or the path to the ppk file should not contain any special characters due to some specifications of this program.

Generate new SSH key pair

First Name:

Last Name:

Email:

Key Password:

Password (Again):

Strength (why?):

Very Weak (0/100)

[Password Generator](#)

Allowed IP address (?):

[Generate](#)

Upload SSH key

Public Key (DSA or RSA bigger than 2048 bits only):

Allowed IP address (?):

[Upload](#)

Manage current keys

Currently there are no keys installed

COMMENTS	KEY	ALLOWED IPs	FUNCTIONS
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Useful Resources

- How to log in to my account via SSH using PuTTY
- How to log in to an account via SSH in Linux
- How to log in to an account via SSH in Mac OS

I used the Password Generator button to create a strong password
Im not adding an IP address as I want access from multiple points
Last I pushed the generate button

Home **My Accounts** **Support** **Billing** **Referral Deals** **Add Services** **Resources**

Account: cms-freelancers.com **cPanel Home**

Introduction

SSH allows secure access over an encrypted connection to your account. Through an SSH connection you can easily manage your files and folders, modify their permissions, edit files directly on the server, etc. In this section you can manage your SSH keys - you can import existing keys, generate new keys, as well as delete old keys.

Disclaimer: Please note that if you use FileZilla for sFTP connection, the password, the ppk file name or the path to the ppk file should not contain any special characters due to some specifications of this program.

Generate new SSH key pair

First Name: Michael ✓

Last Name: Chase ✓

Email: [redacted] ✓

Key Password: [redacted] ✓ **1**

Password (Again): [redacted] ✓

Strength (why?): **Very Strong (100/100)** **Password Generator**

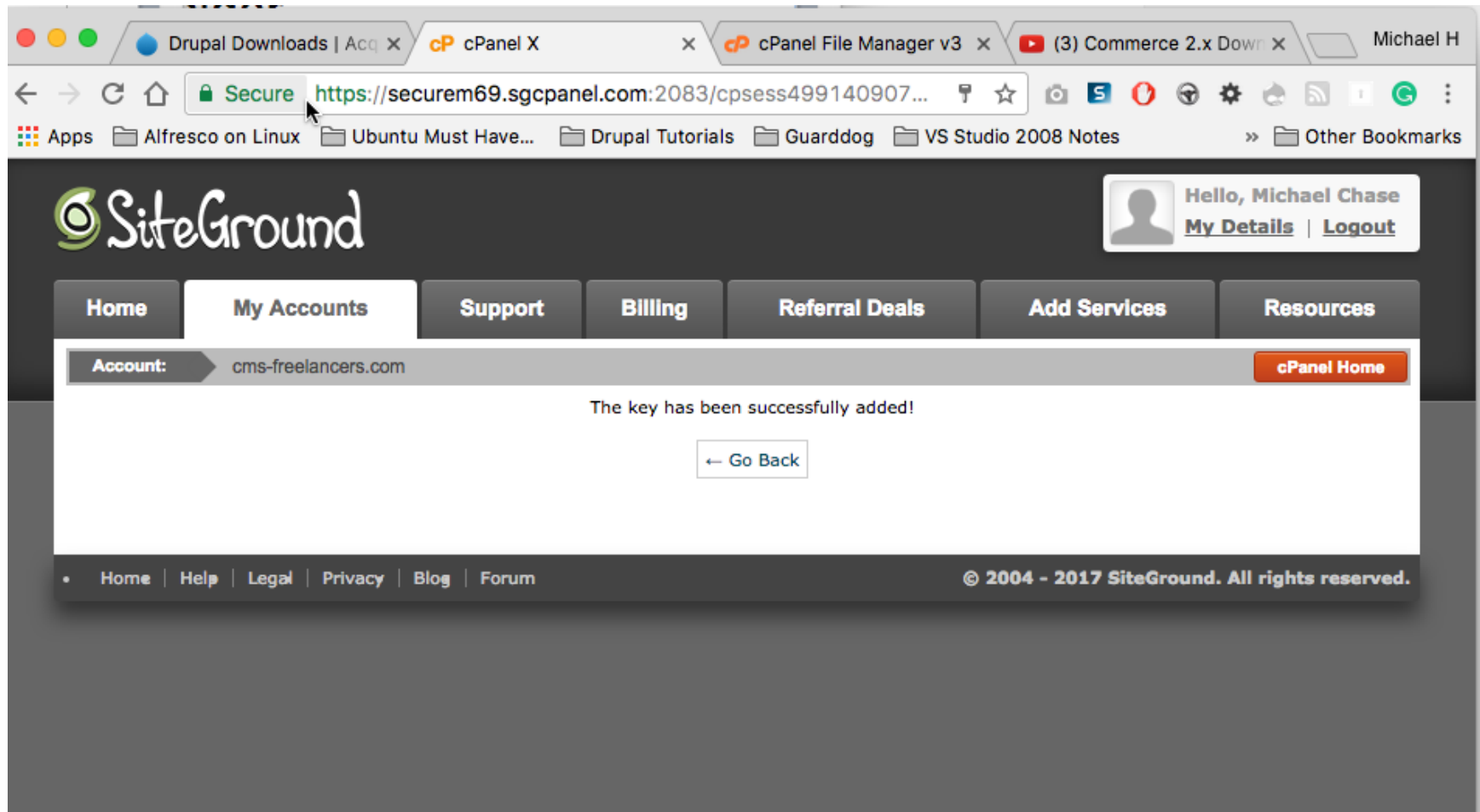
Allowed IP address (?): [redacted]

Generate **2**

This is the passcode that is used on the Mac when they ask for the passphrase

Upload SSH key

Key Generated, Go Back




The password on the previous page is also known as the passphrase. The key is the Private Key

Public Key (DSA or RSA bigger than 2048 bits only):

Allowed IP address (?):

Manage current keys

[Remove All SSH Keys](#)

COMMENTS	KEY	ALLOWED IPs	FUNCTIONS
Michael Chase mikehchase@gmail.com	> 	0.0.0.0/0 - ALL	Remove Key Add IP Private Key

Useful Resources

[How to log in to my account via SSH using PuTTY](#)

[How to log in to an account via SSH in Linux](#)

[How to log in to an account via SSH in Mac OS](#)

[← Go Back](#)

Once you click Generate, a `#.private` file is created on the SiteGround `.ssh` folder

File Manager [Settings](#) Search for

New File New Folder Copy Move File Upload Download Delete Rename Edit Code Editor HTML Editor Change Permissions View Extract Compress

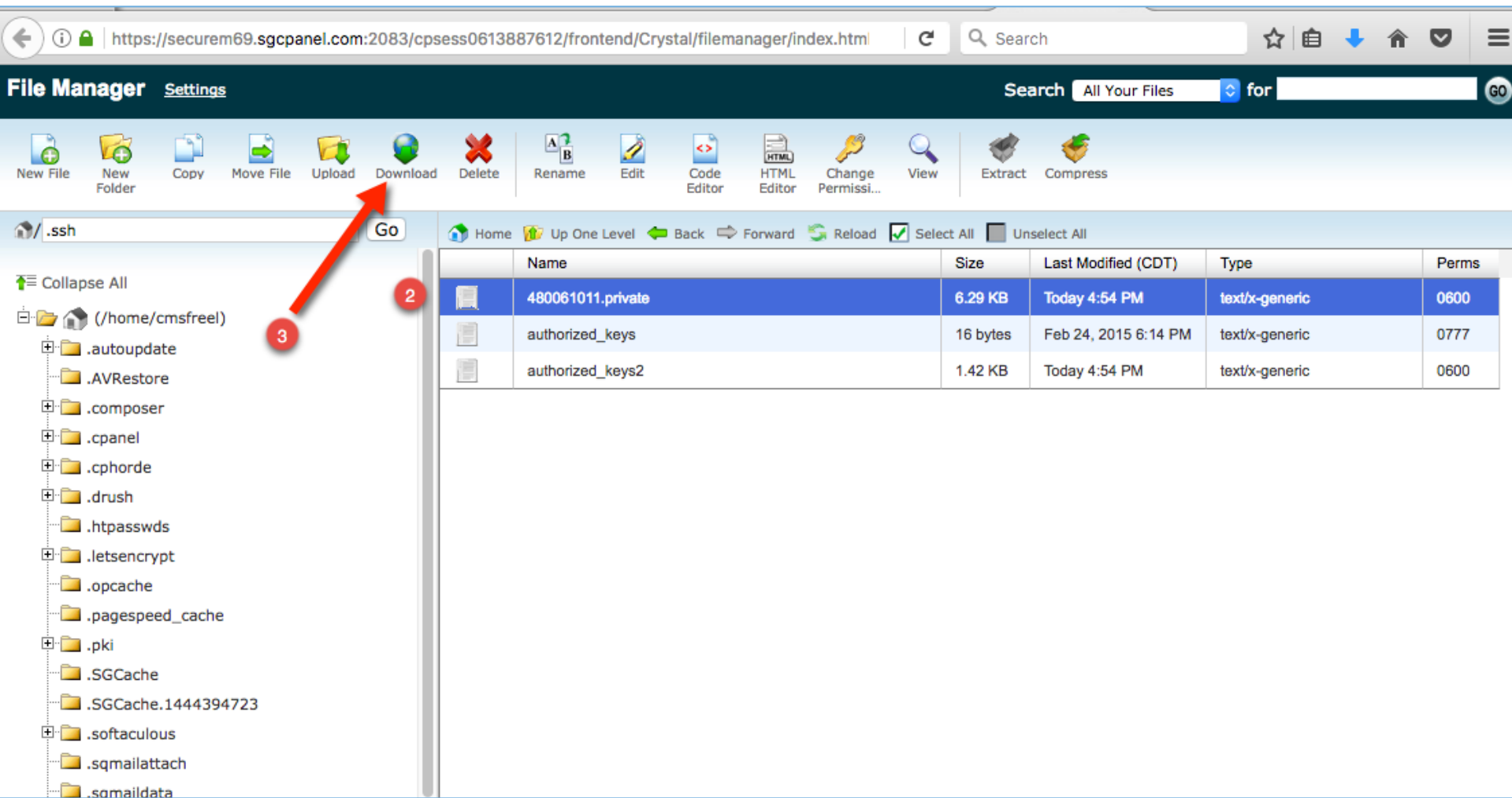
☒ Select All ☐ Unselect All

Name	Size	Last Modified (GMT)	Type	Permissions
480061011.private	6.29 KB	Today 4:54 PM	text/x-generic	0600
authorized_keys	16 bytes	Feb 24, 2015 6:14 PM	text/x-generic	0777
authorized_keys2	1.42 KB	Today 4:54 PM	text/x-generic	0600

(/home/cmsfreel)

- .autoupdate
- .AVRestore
- .composer
- .cpanel
- .cphorde
- .drush
- .htpasswd
- .letsencrypt
- .opcache
- .pagespeed_cache
- .pki
- .SGCache
- .SGCache.1444394723

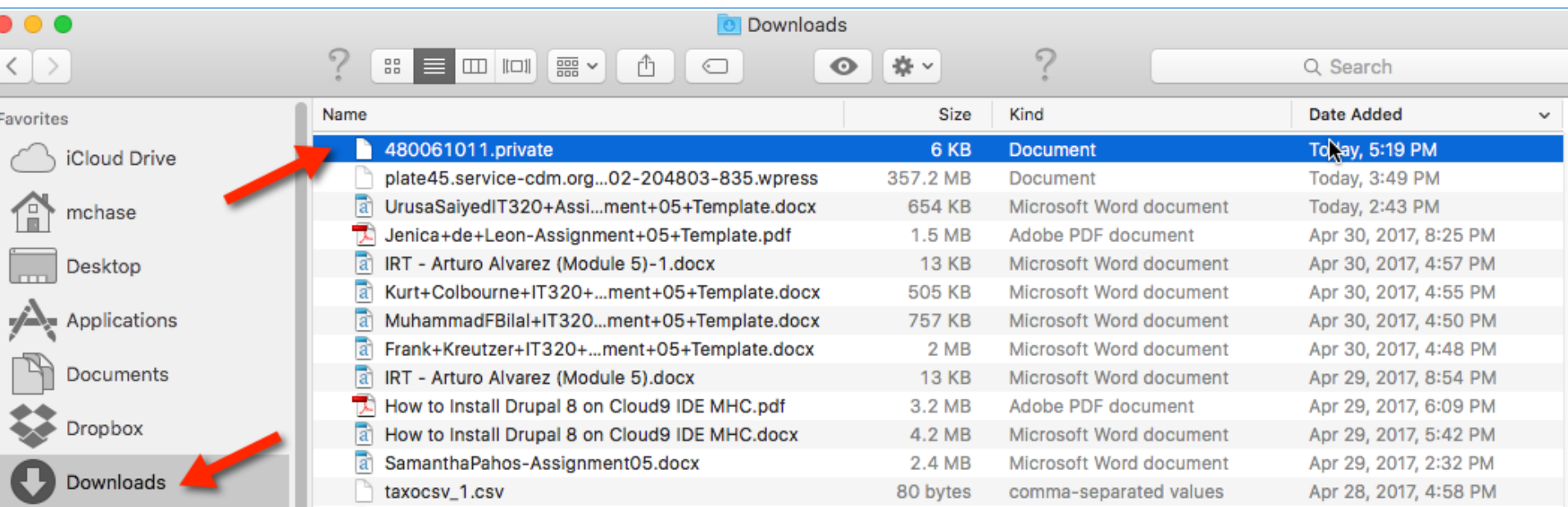
Select the `#.private` file and download it to your computer (the one you intend to use for connecting to SiteGround with)



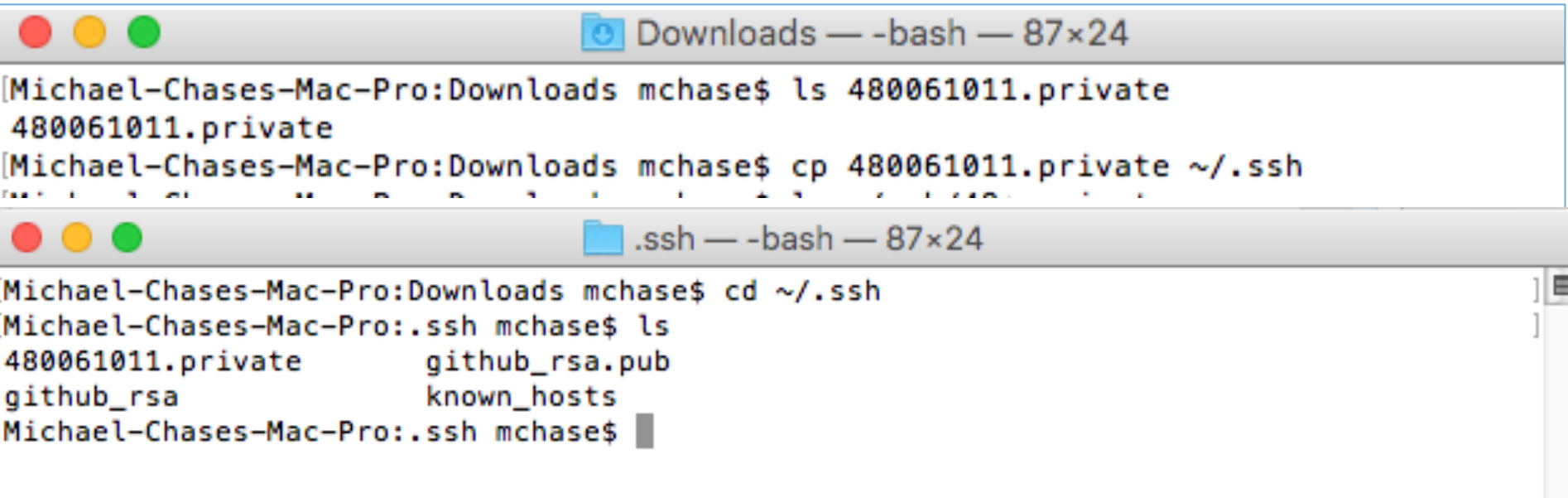
The screenshot shows a web-based File Manager interface. The top toolbar contains various actions: New File, New Folder, Copy, Move File, Upload, Download, Delete, Rename, Edit, Code Editor, HTML Editor, Change Permissions, View, Extract, and Compress. The 'Download' button is highlighted with a red arrow. The file list table shows the following files:

Name	Size	Last Modified (CDT)	Type	Perms
480061011.private	6.29 KB	Today 4:54 PM	text/x-generic	0600
authorized_keys	16 bytes	Feb 24, 2015 6:14 PM	text/x-generic	0777
authorized_keys2	1.42 KB	Today 4:54 PM	text/x-generic	0600

You can see the #.private file has been downloaded, what you can not see, is that its permissions have been changed, its no longer 600



Im copying the #.private file from Downloads to ~/.ssh

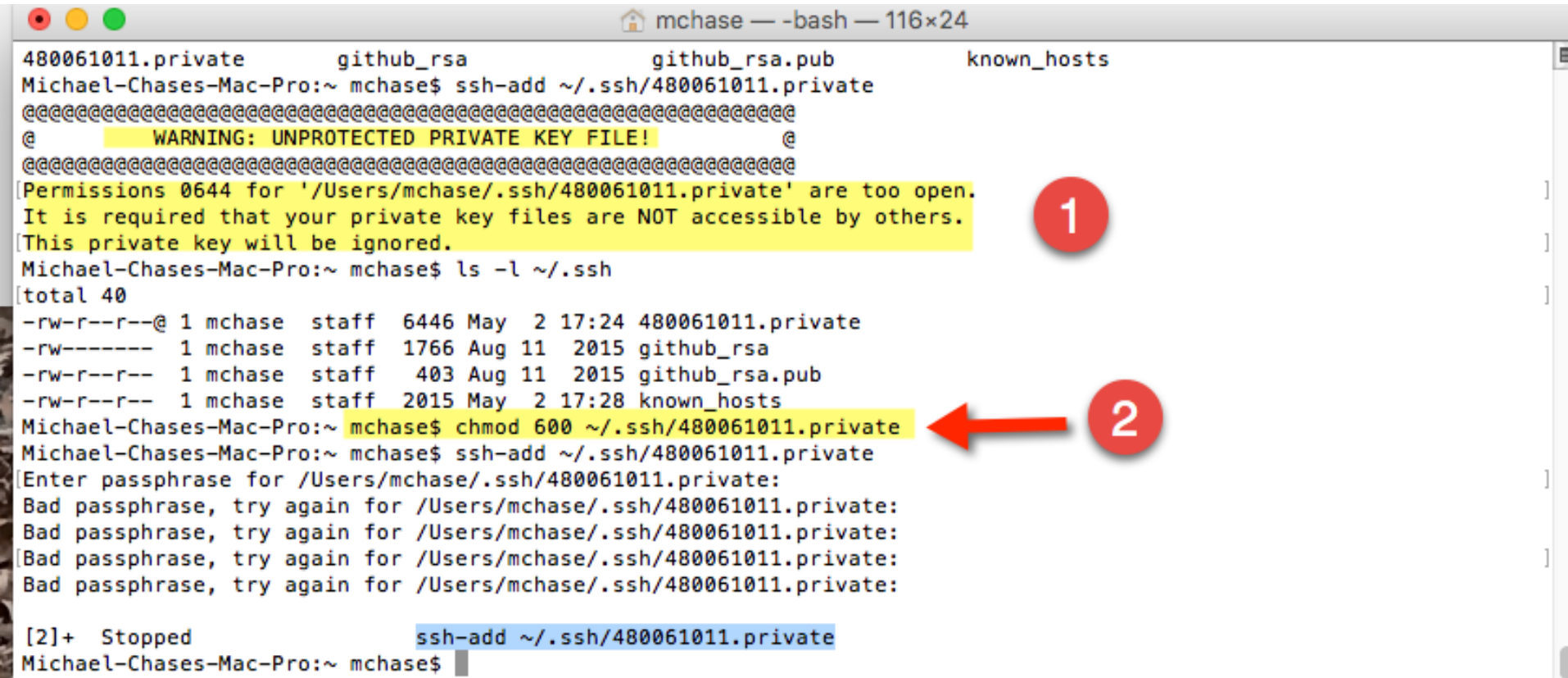


```
Downloads — -bash — 87x24
[Michael-Chases-Mac-Pro:Downloads mchase$ ls 480061011.private
480061011.private
[Michael-Chases-Mac-Pro:Downloads mchase$ cp 480061011.private ~/.ssh

.ssh — -bash — 87x24
Michael-Chases-Mac-Pro:Downloads mchase$ cd ~/.ssh
Michael-Chases-Mac-Pro:~/.ssh mchase$ ls
480061011.private      github_rsa.pub
github_rsa             known_hosts
Michael-Chases-Mac-Pro:~/.ssh mchase$
```

(1) First attempt to run add the private key command “ssh-add” fails because the #.private file is permissioned correctly it must be 600.

So next step (2) is to chmod the file to 600



```
mchase — -bash — 116x24
480061011.private      github_rsa      github_rsa.pub      known_hosts
Michael-Chases-Mac-Pro:~ mchase$ ssh-add ~/.ssh/480061011.private
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@      WARNING: UNPROTECTED PRIVATE KEY FILE!      @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Permissions 0644 for '/Users/mchase/.ssh/480061011.private' are too open.
It is required that your private key files are NOT accessible by others.
[This private key will be ignored.]
Michael-Chases-Mac-Pro:~ mchase$ ls -l ~/.ssh
[total 40]
-rw-r--r--@ 1 mchase  staff  6446 May  2 17:24 480061011.private
-rw-----  1 mchase  staff  1766 Aug 11  2015 github_rsa
-rw-r--r--  1 mchase  staff   403 Aug 11  2015 github_rsa.pub
-rw-r--r--  1 mchase  staff  2015 May  2 17:28 known_hosts
Michael-Chases-Mac-Pro:~ mchase$ chmod 600 ~/.ssh/480061011.private
Michael-Chases-Mac-Pro:~ mchase$ ssh-add ~/.ssh/480061011.private
[Enter passphrase for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:

[2]+  Stopped                  ssh-add ~/.ssh/480061011.private
Michael-Chases-Mac-Pro:~ mchase$
```

Second attempt to run “ssh-add” command is successful, after I learn that the PASSWORD is what they want for passphrase

```
mchase — -bash — 116x24
Permissions 0644 for '/Users/mchase/.ssh/480061011.private' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Michael-Chases-Mac-Pro:~ mchase$ ls -l ~/.ssh
total 40
-rw-r--r--@ 1 mchase  staff  6446 May  2 17:24 480061011.private
-rw-----  1 mchase  staff  1766 Aug 11  2015 github_rsa
-rw-r--r--  1 mchase  staff   403 Aug 11  2015 github_rsa.pub
-rw-r--r--  1 mchase  staff  2015 May  2 17:28 known_hosts
Michael-Chases-Mac-Pro:~ mchase$ chmod 600 ~/.ssh/480061011.private
Michael-Chases-Mac-Pro:~ mchase$ ssh-add ~/.ssh/480061011.private
Enter passphrase for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
[2]+  Stopped                  ssh-add ~/.ssh/480061011.private
Michael-Chases-Mac-Pro:~ mchase$ ssh-add ~/.ssh/480061011.private
Enter passphrase for /Users/mchase/.ssh/480061011.private:
Bad passphrase, try again for /Users/mchase/.ssh/480061011.private:
Identity added: /Users/mchase/.ssh/480061011.private (/Users/mchase/.ssh/480061011.private)
Michael-Chases-Mac-Pro:~ mchase$
```

1

✓ 2

With Private key Established, successfully logon to SiteGround using SSH command line

ssh -p18765 cmsfreel@m69.siteground.biz

```
mchase — ssh -p18765 cmsfreel@m69.siteground.biz — 116x24

[Michael-Chases-Mac-Pro:~ mchase$ ssh -p18765 cmsfreel@m69.siteground.biz] ✓
[cmsfreel@m69 (~)]# ls -l
total 2084
drwx--x--x  34 cmsfreel cmsfreel  4096 Apr 29 08:23 ./
drwx--x--x 228 root      root      4560 Apr 27 20:44 ../
drwx-----   2 cmsfreel cmsfreel  4096 May 20  2016 .AVRestore/
drwxr-xr-x   2 root      root      4096 Apr 24 15:27 .SGCache/
drwxr-xr-x   2 root      root      4096 Oct  9  2015 .SGCache.1444394723/
drwx-----   3 cmsfreel cmsfreel  4096 Dec  9  2015 .autoupdate/
-rw-----   1 cmsfreel cmsfreel  4552 Apr 29 14:51 .bash_history
-rw-r--r--   1 cmsfreel cmsfreel    33 May 24  2008 .bash_logout
-rw-r--r--   1 cmsfreel cmsfreel   176 May 24  2008 .bash_profile
-rw-r--r--   1 cmsfreel cmsfreel   200 Apr 29 08:23 .bashrc
drwxr-xr-x   3 cmsfreel cmsfreel  4096 Apr 29 08:23 .composer/
-rw-----   1 cmsfreel cmsfreel    20 Sep 26  2014 .contactemail
drwx-----   5 cmsfreel cmsfreel 73728 May  2 17:17 .cpanel/
-rw-r--r--   1 cmsfreel cmsfreel    42 Jan 24  2013 .cpanel-logs
drwx-----   4 cmsfreel cmsfreel  4096 Feb 25 09:45 .cphorde/
-rw-r--r--   1 cmsfreel cmsfreel    19 May  2 17:38 .dns
drwxr-xr-x   3 cmsfreel cmsfreel  4096 Sep 22  2015 .drush/
-rw-----   1 cmsfreel cmsfreel    19 Mar 27 02:42 .ftpquota
drwxr-xr-x   2 cmsfreel cmsfreel  4096 Sep 26  2014 .htpasswd/
-rw-----   1 cmsfreel cmsfreel   645 May  2 08:20 .lastlogin
```

On my terminal connection window, access the Drupal site folder “**druapl8test21**” (poorly spelled druapl8test21)

```
mchase — ssh -p18765 cmsfreel@m69.siteground.biz — 116x24

./well-known/      chstest2/          itsknotart/        my_private/        tfawptest1/
CHANGELOG.txt      coboltdrop/        itsknotartwp/      mymegotol/         themes/
COPYRIGHT.txt      commerce_kickstart-7.x~2.36/ knotartdr/         mywildlifeinpictures/ timelinetest/
INSTALL.mysql.txt  commercekickstart7/ knotartmg/         mywildlifeinprint2/   tmp/
INSTALL.pgsql.txt commercekickstartex1/ knotartwp/         mywildlifeinprintinpictures/ update.php
INSTALL.sqlite.txt cron.php           maptest1/         php_errorlog         web.config
INSTALL.txt       d7profiletest2/   maptest1sites/   php_mail.log        wpformtest/
LICENSE.txt       d8profiletest1/  maptest2/        policytest/         wtbdev1/
MAINTAINERS.txt   damp/            margolislaw/     profiles/           xmlrpc.php
README.txt        debooktest1/     michaelhchase.com/ robots.txt          xtest/
UPGRADE.txt       drcommerce/      mikhchase/       scripts/            xyz/
aaatest/          druapl8test21/   misc/            sites/              soapbox/
authorize.php     glitch/          mod2activity2/   soapboxd7/
betadatafeedtest1/ i.php

[cmsfreel@m69 [~/public_html]# cd drupal8test21
-bash: cd: drupal8test21: No such file or directory
[cmsfreel@m69 [~/public_html]# cd druapl8test21
[cmsfreel@m69 [~/public_html/druapl8test21]# ls
./          .editorconfig  .gitattributes  README.txt    composer.lock  index.php      robots.txt    update.php
../         .eslintignore  .htaccess      autoload.php  core/          modules/       sites/        vendor/
.csslintrc  .eslintrc.json LICENSE.txt    composer.json example.gitignore profiles/      themes/       web.config
[cmsfreel@m69 [~/public_html/druapl8test21]# pwd
/home/cmsfreel/public_html/druapl8test21
[cmsfreel@m69 [~/public_html/druapl8test21]#
```


- (1) Navigate to eh Drupal site folder
- (2) Run the first composer command
- (3) Run the second composer command

```
authorize.php      glitch/           mod2activity2/    soapbox/
betadatafeedtest1/ i.php            mod4activity4/    soapboxd7/

cmsfreel@m69 [~/public_html]# cd drupal8test21
-bash: cd: drupal8test21: No such file or directory
cmsfreel@m69 [~/public_html]# cd druapl8test21
cmsfreel@m69 [~/public_html/druapl8test21]# ls
./                .editorconfig    .gitattributes    README.txt        composer.lock     index.php         robots.txt       update.php
../               .eslintignore    .htaccess         autoload.php      core/             modules/          sites/           vendor/
.csslintrc       .eslintrc.json   LICENSE.txt       compo            json             example.gitignore profiles/         themes/          web.config
cmsfreel@m69 [~/public_html/druapl8test21]# pwd 1
/home/cmsfreel/public_html/druapl8test21
cmsfreel@m69 [~/public_html/druapl8test21]# composer config repositories.drupal composer https://packages.drupal.org/8 2
cmsfreel@m69 [~/public_html/druapl8test21]# composer require "drupal/address ~1.0" 3
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
```

Composer command #2 running

```
incase — ssh -p10705 cmsireel@109.siteground.biz — 110x24
- Installing drupal/address (1.0.0-rc4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing symfony/css-selector (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink (dev-master 9ea1ceb): Cloning 9ea1cebe3d from cache
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing symfony/browser-kit (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing fabpot/goutte (v3.2.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink-browserkit-driver (v1.3.2): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing behat/mink-goutte-driver (v1.2.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing squizlabs/php_codesniffer (2.8.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing drupal/coder (8.2.12): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing jcalderonzumba/gastonjs (v1.0.2): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing jcalderonzumba/mink-phantomjs-driver (v0.3.1): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing mikey179/vfsstream (v1.6.4): Downloading (100%)
```

Composer command #2 is still running

```
/8
[cmsfreel@69 [~/public_html/druapl8test21]# composer require "drupal/address ~1.0"
./composer.json has been updated
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 34 installs, 0 updates, 0 removals
  - Installing commerceguys/enum (v1.0): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/addressing (v1.0.0-beta3): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/zone (dev-master 9bd0b36): Cloning 9bd0b361a9 from cache
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing commerceguys/intl (v0.7.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing symfony/dom-crawler (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing drupal/address (1.0.0-rc4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing symfony/css-selector (v2.8.18): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
  - Installing behat/mink (dev-master 9ea1ceb): Cloning 9ea1cebe3d from cache
```

Composer is done install Address

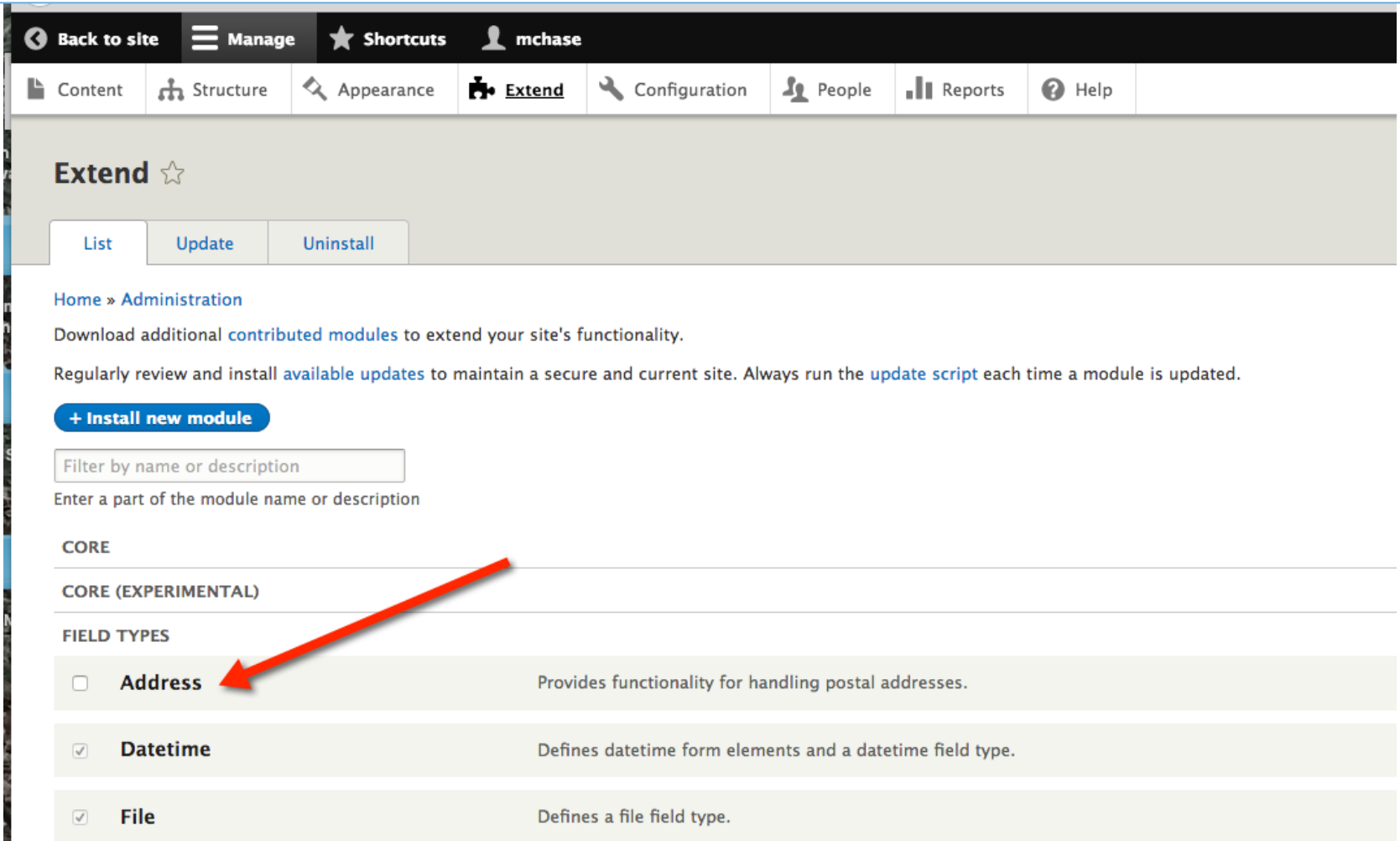
```
mchase — ssh -p18765 cmsfreel@m69.siteground.biz — 116x24

- Installing phpunit/php-code-coverage (2.2.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing phpdocumentor/reflection-docblock (2.0.4): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing phpspec/prophecy (v1.7.0): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
- Installing phpunit/phpunit (4.8.35): Downloading (100%)
> Drupal\Core\Composer\Composer::vendorTestCodeCleanup
commerceguys/addressing suggests installing symfony/intl (to use it as the source of country data)
behat/mink suggests installing behat/mink-selenium2-driver (slow, but JS-enabled driver for any app (requires Selenium2))
behat/mink suggests installing behat/mink-zombie-driver (fast and JS-enabled headless driver for any app (requires node.js))
sebastian/global-state suggests installing ext-uopz (*)
phpunit/php-code-coverage suggests installing ext-xdebug (>=2.2.1)
phpdocumentor/reflection-docblock suggests installing dflydev/markdown (~1.0)
phpdocumentor/reflection-docblock suggests installing erusev/parsedown (~1.0)
phpunit/phpunit suggests installing phpunit/php-invoker (~1.1)
Writing lock file
Generating autoload files
> Drupal\Core\Composer\Composer::preAutoloadDump
> Drupal\Core\Composer\Composer::ensureHttpAccess
> Drupal\Core\Composer\Composer::configurePhpCs
cmsfreel@m69 [~/public_html/druapl8test21]#
```

Go back to the Drupal CMS Site

- login as the Site Admin
- Admin menu Extend
- Shrink up Core and Core Experimental
- THERE IS the Address Module
- Select it and install it

Enable the Address Module



The screenshot shows the Drupal administration interface for managing modules. The top navigation bar includes links for 'Back to site', 'Manage', 'Shortcuts', and the user 'mchase'. Below this is a secondary navigation bar with tabs for 'Content', 'Structure', 'Appearance', 'Extend' (active), 'Configuration', 'People', 'Reports', and 'Help'.

The 'Extend' section has a sub-header 'Extend' with a star icon. Below it are three tabs: 'List', 'Update', and 'Uninstall'. The 'List' tab is selected.

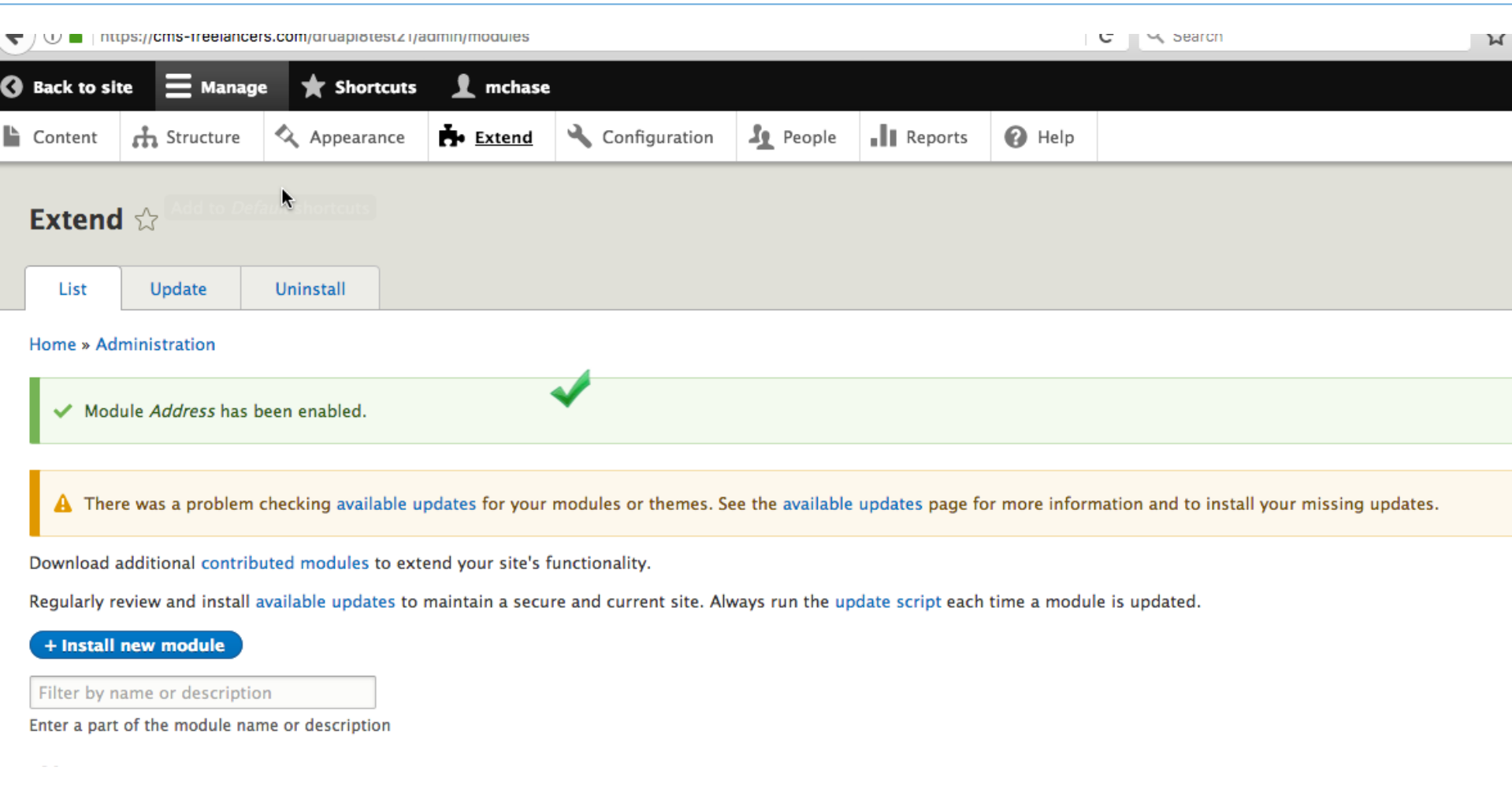
The main content area shows the 'Home » Administration' breadcrumb and a message: 'Download additional contributed modules to extend your site's functionality. Regularly review and install available updates to maintain a secure and current site. Always run the update script each time a module is updated.'

There is a blue button labeled '+ Install new module' and a search box labeled 'Filter by name or description' with the instruction 'Enter a part of the module name or description'.

The modules are listed in three categories: 'CORE', 'CORE (EXPERIMENTAL)', and 'FIELD TYPES'. The 'Address' module is listed under 'FIELD TYPES' and is currently disabled, indicated by an unchecked checkbox. A red arrow points to this checkbox. The 'Datetime' and 'File' modules are also listed under 'FIELD TYPES' and are enabled, indicated by checked checkboxes.

Module Name	Status	Description
Address	<input type="checkbox"/>	Provides functionality for handling postal addresses.
Datetime	<input checked="" type="checkbox"/>	Defines datetime form elements and a datetime field type.
File	<input checked="" type="checkbox"/>	Defines a file field type.

Address Module and all required Libraries have been installed



The screenshot shows the Drupal 7 administration interface. The top navigation bar includes links for 'Back to site', 'Manage', 'Shortcuts', and the user 'mchase'. Below this is a secondary navigation bar with icons for 'Content', 'Structure', 'Appearance', 'Extend' (active), 'Configuration', 'People', 'Reports', and 'Help'. The main content area is titled 'Extend' and includes a star icon and a button 'Add to Default Shortcuts'. Below the title are three buttons: 'List', 'Update', and 'Uninstall'. A breadcrumb trail shows 'Home » Administration'. A green message box states: '✓ Module *Address* has been enabled.' Below this is an orange warning box: '⚠ There was a problem checking [available updates](#) for your modules or themes. See the [available updates](#) page for more information and to install your missing updates.' Further down, text advises downloading additional [contributed modules](#) and regularly reviewing [available updates](#). A blue button labeled '+ Install new module' is present. At the bottom, there is a search box with the placeholder text 'Filter by name or description' and the instruction 'Enter a part of the module name or description'.

Select the Update TAB on Extend:

Address is up to date, so we know the composer install worked correctly

The screenshot shows the Drupal administration interface. The top navigation bar includes links for 'Back to site', 'Manage', 'Shortcuts', and a user profile 'mchase'. Below this is a secondary navigation bar with icons for 'Content', 'Structure', 'Appearance', 'Extend', 'Configuration', 'People', 'Reports', and 'Help'. The 'Extend' tab is active, leading to the 'Available updates' page. This page has three sub-tabs: 'List', 'Update' (which is selected), and 'Settings'. The breadcrumb trail is 'Home » Administration » Reports'. A message explains that this page shows updates for installed modules and themes, noting that each is part of a 'project'. A blue button '+ Install new module or theme' is present. Below, it states 'Last checked: 0 seconds ago (Check manually)'. The 'Drupal core' section shows 'Drupal core 8.3.1' as 'Up to date' with a green checkmark. A list of included modules is provided. The 'Modules' section shows 'Address 8.x-1.0-rc4' as 'Up to date' with a green checkmark.

Available updates ☆

List Update Settings

Home » Administration » Reports

Here you can find information about available updates for your installed modules and themes. Note that each module or theme is part of a "project", which may or may not have the same name, and might include multiple modules or themes within it.

[+ Install new module or theme](#)

Last checked: 0 seconds ago ([Check manually](#))

Drupal core

Drupal core 8.3.1 Up to date ✓
Includes: Automated Cron, Bartik, Block, Breakpoint, CKEditor, Classy, Color, Comment, Configuration Manager, Contact, Contextual Links, Custom Block, Custom Menu Links, Database Logging, Datetime, Field, Field UI, File, Filter, Help, History, Image, Internal Dynamic Page Cache, Internal Page Cache, Link, Menu UI, Node, Options, Path, Quick Edit, RDF, Search, Seven, Shortcut, Stable, Standard, System, Taxonomy, Text, Text Editor, Toolbar, Tour, Update Manager, User, Views, Views UI

Modules

Address 8.x-1.0-rc4 Up to date ✓
Includes: Address

Drupal Project Page Address Module

- <https://www.drupal.org/project/address>

The Two Composer Commands

composer config repositories.drupal composer
<https://packages.drupal.org/8>

composer require "drupal/address ~1.0"