Purpose

This article gives the steps to install Chef Server on CentOS.

Notes

* This is a compilation package and doesn't have dependencies
  + Meaning you don't need to install web services, ruby, message service or database because it's all embedded as part of the setup.
* Set FQDN name before running reconfigure. The setup uses what **hostname -f** displays.
* Disable Selinux before installing or running reconfigure.

Set Hostname

echo '10.10.10.10 chefserver01.domain.com chefserver01' >> /etc/hosts

hostname -f chefserver01.domain.com

Disable SELinux (11.x)

[Disable SELinux on CentOS](http://www.bonusbits.com/wiki/HowTo:Disable_SELINUX_on_CentOS)

Download Chef Server

<http://www.getchef.com/chef/install/>

wget https://opscode-omnibus-packages.s3.amazonaws.com/el/6/x86\_64/chef-server-11.0.12-1.el6.x86\_64.rpm

Install Chef Server

sudo yum localinstall chef-server-core-12.0.2-1.x86\_64.rpm

Run Chef Configuration

This runs the embedded **chef-solo** with the included cookbooks, and sets up everything required - Erchef, RabbitMQ, PostgreSQL, etc.

sudo chef-server-ctl reconfigure

Configure Firewall if Needed

[Configure iptables to Allow Access to Common Services on Linux](http://www.bonusbits.com/wiki/HowTo:Configure_iptables_to_Allow_Access_to_Common_Services_on_Linux)

**Chef Server Knife Access**  
TCP Port **4000**  
**Chef Server WebUI**  
TCP Port **80**  
TCP Port **443**  
TCP Port **9462**

Chef Server 11.x

Run Opscode Pedant Test Suite

chef-server-ctl test

Open Chef Server WebUI

https://chefserver01.domain.com

The default login information should be over on the right side of the screen:

**username**

admin

**password**

p@ssw0rd1

**Set new admin password**

Chef Server 12.x

Install Web UI (Option 1)

As of version 12 the Web Interface is a paid for feature. However you can optionally install it. It is free up to 25 nodes or for the first 30 days, after that you should check the current Premium Chef pricing details.

sudo chef-server-ctl install opscode-manage

sudo opscode-manage-ctl reconfigure

sudo chef-server-ctl reconfigure

Setup from CLI (Option 2)

**Create Admin User**

chef-server-ctl user-create user\_name first\_name last\_name email password --filename FILE\_NAME

**Example**

chef-server-ctl user-create jsmith John Smith john.smith@domain.com abc123 --filename jsmith\_chef.key

**Create Organization**

chef-server-ctl org-create short\_name full\_organization\_name --association\_user user\_name --filename FILE\_NAME

**Example**

chef-server-ctl org-create short\_name full\_organization\_name --association\_user user\_name --filename FILE\_NAME