Install chef

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curl -L https://www.opscode.com/chef/install.sh | bash

Check

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# chef-solo -v

Chef: 11.6.2

Setup chef repository

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#wget http://github.com/opscode/chef-repo/tarball/master

#tar zxvf master

opscode-chef-repo-f9d4b0c/

opscode-chef-repo-f9d4b0c/.gitignore

opscode-chef-repo-f9d4b0c/LICENSE

opscode-chef-repo-f9d4b0c/README.md

opscode-chef-repo-f9d4b0c/Rakefile

opscode-chef-repo-f9d4b0c/certificates/

opscode-chef-repo-f9d4b0c/certificates/README.md

opscode-chef-repo-f9d4b0c/chefignore

opscode-chef-repo-f9d4b0c/config/

opscode-chef-repo-f9d4b0c/config/rake.rb

opscode-chef-repo-f9d4b0c/cookbooks/

opscode-chef-repo-f9d4b0c/cookbooks/README.md

opscode-chef-repo-f9d4b0c/data\_bags/

opscode-chef-repo-f9d4b0c/data\_bags/README.md

opscode-chef-repo-f9d4b0c/environments/

opscode-chef-repo-f9d4b0c/environments/README.md

opscode-chef-repo-f9d4b0c/roles/

opscode-chef-repo-f9d4b0c/roles/README.md

#mv opscode-chef-repo-f9d4b0c/ chef-repo

# ls chef-repo/

certificates config data\_bags LICENSE README.md

chefignore cookbooks environments Rakefile roles

Notice the directory structure created in the chef repository?

Create .chef directory inside chef-repo

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# mkdir chef-repo/.chef

Setup a local cookbook path

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# vi chef-repo/.chef/knife.rb

cookbook\_path [ '/root/chef-repo/cookbooks' ]

Create your first cookbook

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# knife cookbook create ntp

\*\* Creating cookbook ntp

\*\* Creating README for cookbook: ntp

\*\* Creating CHANGELOG for cookbook: ntp

\*\* Creating metadata for cookbook: ntp

Here's the cookbook

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# ls chef-repo/cookbooks/ntp/

attributes definitions libraries providers recipes

templates

CHANGELOG.md files metadata.rb README.md resources

Writing your first recipe

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# vi chef-repo/cookbooks/ntp/recipes/default.rb

package 'ntp'

This will install ntp if it is not installed. If it is already

installed, it will do nothing.

Now configure your server using chef-solo

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# vi chef-repo/solo.rb

file\_cache\_path "/root/chef-solo"

cookbook\_path "/root/chef-repo/cookbooks"

# vi web.json

{

"run\_list": [ "recipe[ntp]" ]

}

Ensure ntp is not installed

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# yum remove -y ntp

Use chef-solo to configure your server

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# chef-solo -c chef-repo/solo.rb -j chef-repo/web.json

Starting Chef Client, version 11.6.2

Compiling Cookbooks...

Converging 1 resources

Recipe: ntp::default

\* package[ntp] action install

- install version 4.2.4p8-3.el6.centos of package ntp

Chef Client finished, 1 resources updated

Confirm ntp is installed

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# yum info ntp

Notes

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**Uninstall chef**

#yum remove -y chef

**Other ways to install chef**

# wget https://www.opscode.com/chef/install.sh

# bash install.sh

or

Go http://www.opscode.com/chef/install/ and select your distro, distro

version and architecture. Download the package.

In my case, I use CentOS:

# wget https://opscode-omnibuspackages.

s3.amazonaws.com/el/6/x86\_64/chef-11.6.2-1.el6.x86\_64.rpm

# yum localinstall -y chef-11.6.2-1.el6.x86\_64.rpm

**Another to setup your chef repo**

# git clone git://github.com/opscode/chef-repo.git

# ls chef-repo/

certificates chefignore config cookbooks data\_bags environments

LICENSE Rakefile README.md roles

**References**

1. http://gettingstartedwithchef.com/first-steps-with-chef.html

2. https://learnchef.opscode.com/starter-use-cases/ntp/