

CHEF-Configuration

```
rpm -ivh https://opscode-omnibus-packages.s3.amazonaws.com/el/6/x86_64/  
chef-server-11.0.8-1.el6.x86_64.rpm
```

```
1. # rpm -ivh https://opscode-omnibus-packages.s3.amazonaws.com/el/6/  
x86_64/chef-server-11.0.8-1.el6.x86_64.rpm
```

```
chef-server-ctl reconfigure
```

Check the status of Chef Server components by using the following command.

```
chef-server-ctl status
```

Create an Admin user and Organization:

```
# chef-server-ctl user-create USER_NAME FIRST_NAME LAST_NAME EMAIL  
'PASSWORD' -f PATH_FILE_NAME  
# chef-server-ctl user-create admin admin admin admin@ex.com 12345678 -f /  
etc/chef/admin.pem  
$ chef-server-ctl user-delete USER_NAME
```

Organisation

```
# chef-server-ctl user-create admin admin admin admin@ex.com 12345678 -f /  
etc/chef/admin.pem  
$ chef-server-ctl org-create dev Development --association_user admin -f /etc/  
chef/dev-validator.pem
```

```
sudo chef-server-ctl org-list  
sudo chef-server-ctl user-list
```

WORKSTATION

knife ssl fetch

knife configure -i

hostnamectl set-hostname **chef-workstation**

knife bootstrap chef-client.ex.com -x root -P 12345678 --sudo

chef generate repo chef-repo

NODE

knife ssl fetch -s <https://chef-server.ex.com>

chef-client -s <https://chef-server.ex.com> -k /etc/chef/dev-validator.pem

systemctl stop firewalld
systemctl disable firewalld

hostnamectl set-hostname **chef-server**
hostnamectl set-hostname **chef-workstation**
hostnamectl set-hostname **chef-node**

systemctl reboot -i

Date

Hosts

chef-server-ctl reconfigure

chef-server-ctl user-create admin admin admin admin@ex.com 12345678 -f /etc/
chef/admin.pem

chef-server-ctl org-create dev Development --association_user admin -f /etc/
chef/dev-validator.pem

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

```
.current_dir = File.dirname(__FILE__)
log_level      :info
log_location   STDOUT
node_name      "admin"
client_key     "#{current_dir}/admin.pem"
validation_client_name "dev-validator"
validation_key  "#{current_dir}/dev-validator.pem"
chef_server_url "https://chef-server.ex.com/organizations/dev"
syntax_check_cache_path "#{ENV['HOME']}/.chef/syntaxcache"
cookbook_path  ["#{current_dir}/../cookbooks"]
```

In server

```
systemctl stop firewalld
```

```
systemctl disable firewalld
```

WORKSTATION

```
knife ssl fetch
```

```
knife ssl check
```

```
knife bootstrap chef-node.ex.com -x root -P 12345678 --sudo
```

```
knife node-list
```

```
knife user-list
```

<https://www.itzgeek.com/how-tos/linux/centos-how-tos/setup-chef-12-centos-7-rhel-7.html/2>

```
knife cookbook create note
```

```
chef generate cookbook note
```

```
knife cookbook test COOKBOOK_NAME
```

```
knife cookbook upload [COOKBOOK_NAME...] (options)
```

```
knife cookbook list
```

```
knife node show mynode
```

```
knife node show chef-node.ex.com
```

```
$ knife node run_list add NODE_NAME RUN_LIST_ITEM (options)
```

```
knife node run_list add chef-node.ex.com recipe[note]
```

```
knife node run_list remove NODE_NAME RUN_LIST_ITEM
```

```
knife node run_list remove chef-node.ex.com recipe[RUN_LIST_ITEM]
```

```
Chef-client --local-mode --runlist recipe[name]
```

```
Chef-client —local-mode —runlist recipe[name::abc.rb]
```

```
cookstyle test note1
```

```
knife upload cookbook note1
```

```
knife node edit chef-workstation
```

Where the cookbooks will store in node

```
/var/chef/cache/cookbooks/note
```