



## Lab: Acceptance Environment

- ☐ Create an environment named "acceptance" that has no cookbook restrictions.
- ☐ Upload acceptance.rb to the Chef Server
- ☐ Move web2 into the acceptance environment
- ☐ Run chef-client on the web2 node

# Lab: Create a New Environment File

```
~/chef-repo/environments/acceptance.rb
```

```
name 'acceptance'  
description 'Where code and apps are tested'  
# No Cookbook Restrictions
```

# Lab: Upload the .rb File



```
$ knife environment from file acceptance.rb
```

```
Updated Environment acceptance
```

# Lab: Verify that the Environment was Set



```
$ knife environment list
```

```
_default  
production  
acceptance
```

# Lab: Verify the Contents of the Environment



```
$ knife environment show acceptance
```

```
chef_type:          environment
cookbook_versions:
default_attributes:
description:        Where code and applications are tested
json_class:         Chef::Environment
name:               acceptance
override_attributes:
```

# Viewing 'knife node set --help'



```
$ knife node environment set --help
```

```
knife node environment set NODE ENVIRONMENT
```

```
-s, --server-url URL           Chef Server URL
--chef-zero-host HOST          Host to start chef-zero on
--chef-zero-port PORT          Port (or port range) to start chef-zero on. Port
ranges like 1000,1010 or 8889-9999 will try all given ports until one works.
-k, --key KEY                  API Client Key
--[no-]color                   Use colored output, defaults to false on Windows,
true otherwise
-c, --config CONFIG            The configuration file to use
--defaults                     Accept default values for all questions
-d, --disable-editing          Do not open EDITOR, just accept the data as is
-e, --editor EDITOR            Set the editor to use for interactive commands
```

# Using 'knife environment node set'



```
$ knife node environment set web2 acceptance
```

```
web2 :  
  chef_environment: acceptance
```

# Lab: Verify the web2 Node



```
$ knife node show web2
```

```
Node Name:    web2
```

```
Environment:  acceptance
```

```
FQDN:         web2
```

```
IP:           192.168.10.44
```

```
Run List:     role[web]
```

```
Roles:        web
```

```
Recipes:      workstation, workstation::default, apache, apache::default,  
workstation::setup, workstation::vagrant, apache::server
```

```
Platform:     centos 7.2.1511
```

```
Tags:
```



# Login to web2



```
$ vagrant ssh web2
```

```
Last login: Sat Dec 31 02:59:27 2016 from 10.0.2.2
```

```
[vagrant@web2 ~]$
```

# Run chef-client to converge web2



```
[vagrant@web2 ~]$ sudo chef-client
```

```
Starting Chef Client, version 12.17.44
resolving cookbooks for run list: ["workstation", "apache"]
Synchronizing Cookbooks:
  - apache (0.2.1)
  - workstation (0.2.1)
Installing Cookbook Gems:
Compiling Cookbooks...
Converging 8 resources....
```

# Return to your Workstation



```
[vagrant@web2 ~]$ exit
```

```
logout
```

```
Connection to 127.0.0.1 closed.
```



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