**Assisted Practice: Create and Update a Cookbook**

This section will guide you to:

Create and update a cookbook

This lab has two sub-sections namely:

4.1.1 Creating a cookbook

4.1.2 Updating a cookbook

**Step 4.1.1 Creating a cookbook using Chef**

* Generate a cookbook using the below command:

chef generate cookbook test\_cookbook   
**{Give any name to the cookbook but make sure to keep it constant throughout the demos}**

where test\_cookbook is an arbitrary cookbook name

* Navigate to the test\_cookbook directory using cd test\_cookbook
* Type **ls** command to view the following components in the cookbook

Berksfile CHANGELOG.md chefignore LICENSE metadata.rb README.md recipes spec test

**Step 4.1.2 Updating a cookbook**

* Update the cookbooks/test\_cookbook/recipes/default.rb recipe in the generated cookbook.
* Navigate to cd recipes, open default.rb file and add the below code.

cd recipes

vim default.rb

execute "update-upgrade" **do**

command "sudo apt-get update && sudo DEBIAN\_FRONTEND=noninteractive apt-get -y -o Dpkg::Options::='--force-confdef' -o Dpkg::Options::='--force-confold' upgrade"

action :run

end

* To test the recipe, add the test\_cookbook to the Chef server:

knife cookbook upload test-cookbook

* Verify that the recipe has been added to the Chef server:

knife cookbook list