**Assisted Practice: Working of Cross-Platform Cookbooks**

This section will guide you to:

* Understand the working of cross-platform cookbooks

This lab has three sub-sections, namely:

5.4.1 Logging a message to the node

5.4.2 Uploading the cookbook to the Chef server

5.4.3 Running the Chef client

**Step 5.4.1 Logging a message to the node**

* Use the below command to log the message if the node is Ubuntu:

{Use vim if subl doesn’t work and log the below message into default.rb. Make sure to first go to chef-repo and then write below commands.}

cd chef-repo

chef-repo $ subl cookbooks/test\_cookbook/recipes/default.rb

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Log.info("Running on ubuntu") if node.platform['ubuntu']

**Step 5.4.2 Uploading the cookbook to the Chef server**

* Execute the below command to upload the cookbook to the Chef server:

chef-repo $ subl cookbooks/test\_cookbook/recipes/default.rb

**Step 5.4.3 Running the Chef client**

* Execute the below command to run the Chef client on the node:

sudo chef-client