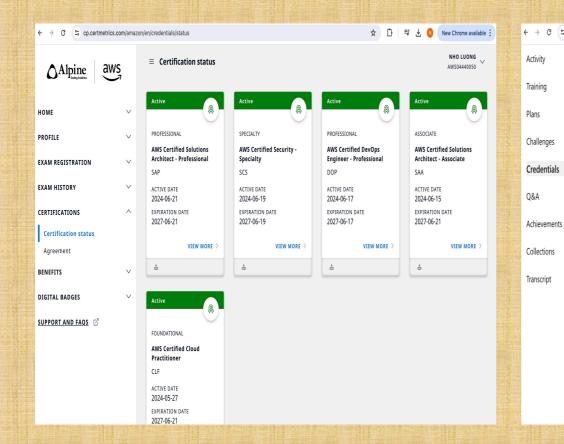
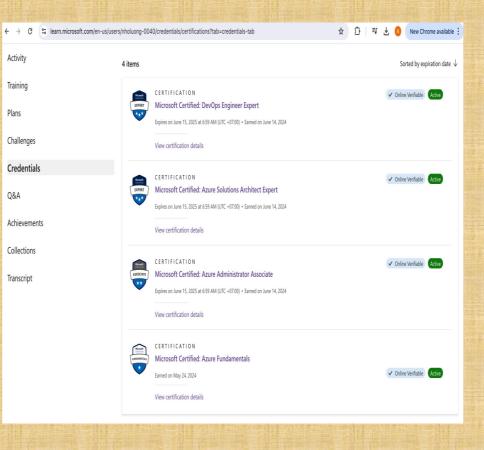
# Cookbooks Overview

Author: Nho Luong
Skill: DevOps Engineer Lead













## Questions You May Have

- 1 Thinking about the workstation recipe, could we do something like that
- for a web server?
- Is there a way to package up recipes you create with a version number
- . (and maybe a README)?
- <sup>3</sup> I think chef is able to generate something called a cookbook.
- . Shouldn't we start thinking about some version control so we don't lose

all our hard work?



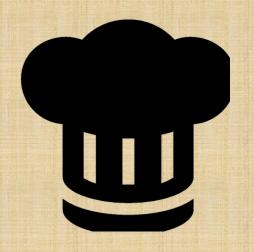
# Objectives

After completing this module, you should be able to:

- Modify a recipe Use version control Generate a
- Chef cookbook Define a Chef recipe that sets
- > up a web server

>





## **GL: Create a Cookbook**

How are we going to manage this file? Does it need a README?

#### Objective:

- Use chef to generate a cookbook Move the
- setup recipe into the new cookbook Add the
- new cookbook to version control

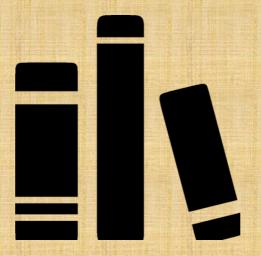


### Cookbooks

A Chef cookbook is the fundamental unit of configuration and policy distribution.

Each cookbook defines a scenario, such as everything needed to install and configure MySQL, and then it contains all of the components that are required to support that scenario.

Read the first three paragraphs here: <a href="http://docs.chef.io/cookbooks.html">http://docs.chef.io/cookbooks.html</a>





## Cookbooks

- Recipes that specify the resources to use and the order in which they are to be
- Attribute values
- File distributions
- Templates
- Extensions to Chef, such as libraries, definitions, and custom resources
- Version Control



## Cookbooks

- Common Components
  - a. README
  - b. metadata
  - c. recipes testing directories
  - d. (spec + test)





Author: Nho Luong

Skill: DevOps Engineer Lead