



# INTERMEDIATE

# Introduce Yourself

Name

Current job role

Previous job roles / Background

Experience with Chef

Favorite Text Editor

# Expectations

You will leave this class with the ability to extend the components of Cookbooks.

You bring with you your own domain expertise and problems. Chef is a framework for solving those problems. Our job is to teach you how to express solutions to your problems with Chef.

# Expectations

**Ask Me Anything:** It is important that we answer your questions and set you on the path to be able to find more answers.

**Break It:** If everything works the first time go back and make some changes. Explore! Discovering the boundaries will help you when you continue on your journey.

# Group Exercises, Labs, and Discussion

This course is designed to be hands on. You will run lots of commands, write lots of code, and express your understanding.

- **Group Exercises:** All participants and the instructor will work through the content together. The instructor will often lead the way and explain things as we proceed.
- **Lab:** You will be asked to perform the task on your own or in groups.
- **Discussion:** As a group we will talk about the concepts introduced and the work that we have completed.

# Day 1

---

Introduction

Why Write Tests? Why is that Hard?

Writing a Test First

Refactoring Cookbooks with Tests

Faster Feedback with Unit Testing

Testing Resources in Recipes

Refactoring to Attributes

Refactoring to Multiple Platforms

# Day 2

---

Approaches to Extending Resources

Why Use Custom Resources

Creating a Custom Resource

Refining a Custom Resource

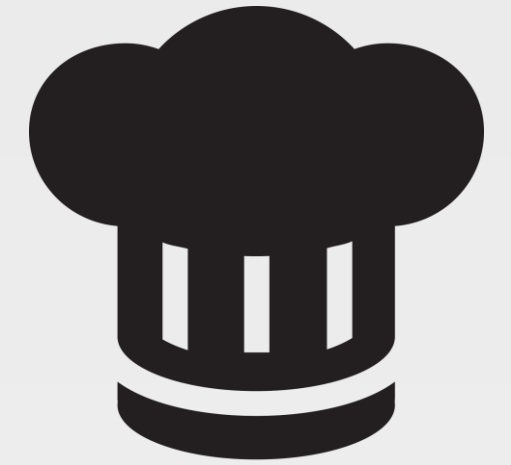
Ohai

Ohai Plugins

Creating an Ohai Plugin

Tuning Ohai

# EXERCISE



## Pre-built Workstation

*We will provide for you a workstation with all the tools installed.*

### Objective:

- ☐ Login to the Remote Workstation

# Login to the Workstation

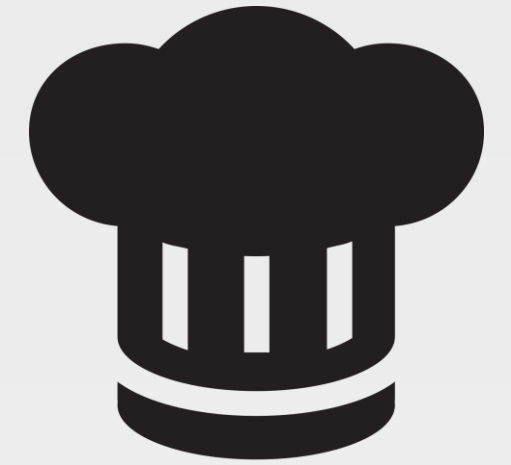


```
> ssh IPADDRESS -l USERNAME
```

```
The authenticity of host '54.209.164.144 (54.209.164.144)' can't  
be established.RSA key fingerprint is  
SHA256:tKoTsPbn6ER9BLThZqntXTxIYem3zV/iTQWvhLrBIBQ.Are you sure  
you want to continue connecting (yes/no)? yes  
chef@54.209.164.144's password: PASSWORD  
chef@ip-172-31-15-97 ~]$
```



# EXERCISE



## Pre-built Workstation

*We will provide for you a workstation with all the tools installed.*

### **Objective:**

- ✓ Login to the Remote Workstation

# DISCUSSION



## Discussion

What topics are you most interested in learning?

What topics are missing that you want to learn about?

# DISCUSSION



## Q&A

What questions can we answer for you?



**CHEF**™

---