Appendix Z: Course-wide Instructor Notes – Not complete-SD

1. Training Lab System Setup

1. Open the AWS site from here: https://aws.amazon.com/
   - Login Credentials: training-aws@chef.io
   - Password: TBD Contact Chef

2. Click the first link in column **EC2** ***Virtual Servers in the Cloud***

3. From the navigation pane on the left, select **Images/AMIs**. The "Step 1" page displays with a list of available AMIs.

4. Select **CentOS chefdk-fundamentals-3.0.2** from the list of options.

5. Click **Launch**. The "Step 2" page displays.

6. Select the first **Micro Instance** from the list provided and click **Next: Configure Instance Details** at the bottom of the screen. The "Step 3" page displays.

7. Enter the **Number of Instances**.

Note: You will need 3 instances for each student enrolled in the class - and three for yourself. I usually create 5 additional backup instances as well.

8. Click **Next: Add Storage** at the bottom of the page. The "Step 4" page displays. [Don't change anything on this page].

9. Click **Next: Tag Instance** at the bottom of the page. The "Step 5" page displays.

10. Enter a **Value**.

Note: I typically name the instances as follows: RLE - [CLASS NAME] - [CLASS DATE]

11. Click **Next: Configure Security Group**. The "Step 6" page displays.

12. Click the **Select an existing security group** radio button. A list of security groups displays.

13. Select **all-open**.

14. Click **Review and Launch** at the bottom of the screen. The "Step 7" page displays.

15. After you review the instances, click **Launch**. The "Select a key pair" window displays.

16. Confirm that this is set to **Choose an existing key pair** and click the acknowledgement check box.

17. Click **Launch Instances**. The "Launch Status" page displays.

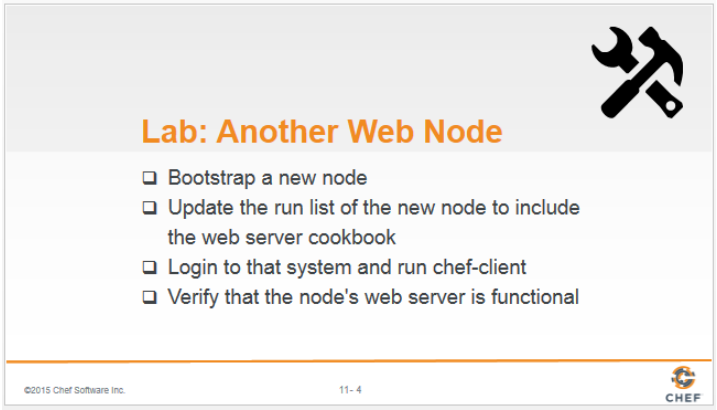
18. Click **View Instances**. The instances list displays.

From here, I copy all of the instances and create a gist file to share with the class. I also use goo.gl to shorten the URL to the gist file. I imagine you know how to do this, but if you need, I can write up instructions for that as well.

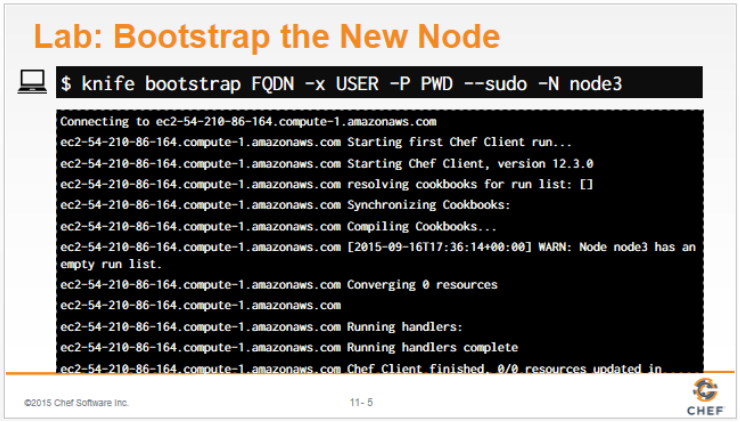
2. How to Use Lab Slides

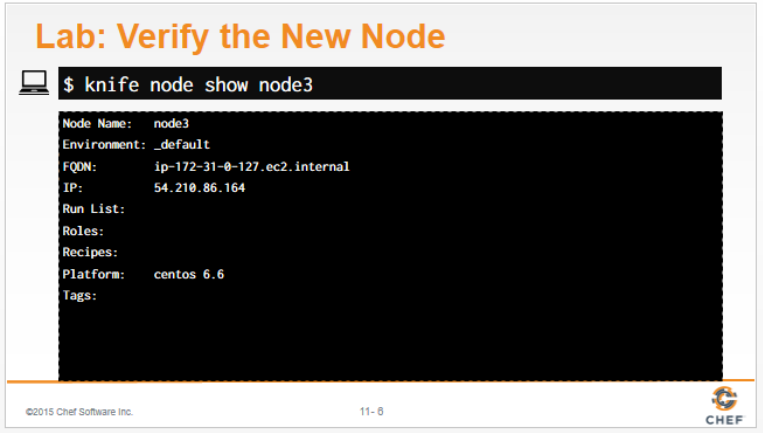
Regarding the "Lab" exercises (not the Group Exercises), you should encourage students to use the high-level hammer/wrench "Lab" slide steps first, and then resort to the subsequent detailed step slides if the students need the details to complete the lab. You can still use the subsequent detailed step slides as a vehicle to review each lab. For example:

This is a high-level hammer/wrench "Lab" instruction slide. Encourage students to complete the lab using this high level hammer/wrench "Lab" slide first.



If some students can't complete the lab based on the above slide, they are free to follow the subsequent detailed step slides, such as these:





You can also use the above detailed slides as a vehicle for reviewing the labs.