Version



Course Development Plan

**Table of Contents**

Lesson 1. Chef Introduction 3

Lesson 2. Chef ServerTemplates & Features 4

Lesson 3. ServerTemplates, Repos and Customization Workflows 4

LAB 5

Lesson 4. Setting up a Chef Development Environment 5

LAB 6

Lesson 5. Getting Started with Recipes 6

Lesson 6. RightLink Tools and Machine Tags 7

Lesson 7. RightScale Chef and Opscode Chef 7

Lesson 8. Developer Workflows 8

Lesson 9. More Chef DSL 8

Lesson 10. RightScale Cookbook Design Conventions 8

Introduction

Course Plan

Section 1 - OpenStack Reference Architecture

# OpenStack Introduction

*## Hours??*

* Using Keystone, Horizon and MySQL Server
* Cinder, Swift-Proxy, Glance Nova-Network, and Nova-Manage Server
* Swift-Object Nodes
* Hypervisor

# OpenStack Installation Overview

* Cloud Endpoint configuration

# Private Clouds Pitfalls

* Cloud Endpoint configuration
* OpenStack components not per RightScale recommendation
* Internal DNS server
* Metadata service needs to be present
* RightImage upload to the cloud
* Ingress / Egress network access policies
* Use of private sketchy bank

# Avoiding Pitfalls