Chef Essentials – Level 2

Duration: 2 Days

DESCRIPTION

With the advent of cloud computing, resource provisioning (launching servers etc.) became really fast while configuration management & managing the fleet of large number of cloud servers still remains a bottleneck for a long time. Chef (previously OpsCode Chef) is an enterprise tool that fills the gap and makes resource management very agile.

This course covers the concepts of DevOps & configuration management tool Chef in specific. As part of this course, you'll also execute lab some exercises that'll give you a good balance of both theory & lab. You'll learn about the concepts of cookbooks, recipes, roles & attributes. And how to use a central chef-server to manage the configuration while working a large fleet of machines.

OBJECTIVES

• To attain fundamental understanding of concepts of DevOps & Chef configuration Management Tool

• To learn to write Chef recipes & cookbooks manage on-premise or cloud servers.

• To setup & configure a multi-node environment with hosted chef server.

• Be able to understand security concepts of Chef & utilize it effectively for your use-case.

COURSE OUTLINE

→ Introduction to DevOps & Chef

→ Chef Basics

→ Introduction to Vagrant

→ Chef Client

→ Chef Server

→ Chef Roles

→ Chef Environments

→ Deployments using Chef

→ Chef Security

WHO SHOULD ATTEND

- Developers who want to explore the system administration & configuration domain.

- IT professionals who wants to get started with a DevOps tool.

- System Admins who are managing large scale server fleet & Wants to bring in automation to their fleet.

- IT professionals who are using on-premise or cloud servers for their application & want to reduce the time it takes to configure these servers before they can use it.

- IT Architects who want to learn about configuration automation & want to have hands on experience on chef.

- System Administrators that Wants to manage cloud servers and networks without really doing it manually.

- Decision makers who want to evaluate Chef for their companies.

PREREQUISITES

There are no prerequisites for this course. However familiarity with IT environments & server administration for at least 6 months would be beneficial.

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TESTIMONIALS

One of the best training institutes to learn about Cloud Computing. They have highly skilled trainers to address all your queries.

- Usha (Sr.Infrastructure Analyst, Sapient Consulting)

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- Gladwin (Cloud Admin, Cognizant)

It is very professional and hands-on training. The trainer is extremely responsive and knowledgeable on the topics covered. I would recommend CloudThat to anyone who is looking for quality, hands-on training on these latest technologies.

- Srinivasa (Associate Professor, PES University)

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