

Chef Advance Training

Chef is a configuration management tool deals with physical setup and servers including Virtual Machine (VM) serves as to control the infrastructure of an organization. Chef ensures the desired files and software you are expecting to be on a machine are present, configured correctly and working as intended. As Chef can handle thousands of infrastructure of any organization and ensure it's tasks on every setup correctly.

DAY 1

DevOps Concept & Process

- Need for DevOps
- DevOps Culture
- DevOps Tools

Configuration Management

- What Is Configuration Management?
- Why You Need a Configuration Management Tool to Automate IT
- What Is Chef?
- Why Chef Might Be a Good Tool for Your Enterprise?
- Chef Development Tools

Become a Chef Programmer

- Writing First Chef Recipe
- Chef and Its Terminology
- Chef Syntax and Examples
- Chef Resources, Actions and properties

Writing Cookbooks

Typography-

- Using Cookbooks
- Developing Your First Cookbook
- Creating the Index File
- Changing the Metadata
- Uploading the Cookbook
- Running the Cookbook
- Documentation in Chef
- Meta info in Chef

Chef Server

- Setup Chef Server in Centos
- Chef Organization
- Config Chef Manage
- Working with Knife and configuration
- Using Chef Serve
- Uploading the Cookbook
- Chef ing Linux Nodes
- Chef ing Windows Nodes
- Running the Cookbook

Day 2

- Chef Attributes
- Files Operations in Cookbook
- Templates Operations in Cookbook
- Notifications
- Cookbook Dependencies
- Recipe Inclusion
- Data Bags

Day 3

- Chef Environments
- Chef roles
- Chef Solo
- Push Jobs
- Chef Supermarket
- Chef Configurations Deep Dive

Day 4

- Chef Code Analysis using Foodcritic
- Chef Unit Testing ChefSpec
- Chef Integration Testing using TestKitchen

Day 5

- Fundamental of Ruby
- Chef in Windows
- Chef Automate Essentials
- Push Jobs Server
- InSpec