

Chef Automation: Cookbooks & Data Bags

Learn to automate infrastructure with Chef, building cookbooks, recipes, data bags and roles for repeatable configuration.

COURSE OVERVIEW

This course introduces Chef and its architecture, covering workstation and node setup and the structure of a Chef run. It examines the node object, resources, recipes, attributes, templates and cookbook dependencies, along with template variables, notifications and idempotency control. It then addresses recipe inclusion, data bags, search, roles and environments, before covering the use of community cookbooks and further resources for continued learning.

WHO THIS COURSE IS FOR

System Administrators

DevOps Engineers

Infrastructure Engineers

Configuration Managers

Automation Engineers

LEARNING OBJECTIVES

- Explain Chef architecture and the workstation-node relationship
- Configure a workstation and node for Chef use
- Analyse the sequence of events in a Chef run
- Describe the node object and its role in configuration
- Build recipes using Chef resources
- Apply attributes, templates and cookbook dependencies
- Implement template variables, notifications and idempotency control
- Configure data bags, search, roles and environments

11 Topics

TOPICS

- Introduction of Chef
- Workstation and Node Setup
- Dissecting your first Chef run
- Introducing the Node object
- Chef Resources and Recipes
- Attributes, Templates, and Cookbook Dependencies
- Template Variables, Notifications, and Controlling Idempotency
- Recipe Inclusion, Data Bags, and Search Roles
- Environments
- Using Community Cookbooks
- Further Resources

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

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