

Chef Essentials

GET US ++++
BETTER

COURSE

DESCRIPTION

Get started with Chef by taking Chef Essentials, a two-day instructor-led course that covers all the basics. You'll learn what it means to turn infrastructure into code so that you can automate the configuration, deployment and management of your servers.

You'll also learn about Chef architecture and the set of tools included in the Chef Development Kit (ChefDK). Finally, we'll show you how to test your infrastructure code so that you can deploy with confidence.

Each of the core units includes hands-on exercises that will give you confidence in your new skills. At the end of the course, you'll come away with a repo and the skills to start automating your own infrastructure.

AGENDA

- Introduction
- Chef resources
- Cookbooks
- chef-client
- Testing cookbooks
- Details about the system
- Desired state and data
- Workstation installation
- The Chef server
- Templates, variables and search
- Cookbook attributes, attribute files and dependencies
- Roles
- Community cookbooks
- Environments
- Further resources

cont'd...

SUMMARY

Learn the basics of Chef by taking Chef Essentials. You'll learn what it means to turn infrastructure into code so that you can automate the configuration, deployment and management of your servers. You'll also learn about Chef architecture and the set of tools included in the Chef Development Kit (ChefDK). Finally, we'll show you how to test your infrastructure code so that you can deploy with confidence.

COURSE LEVEL

Get Us Better

DURATION

2-day course

COST

For prices, refer to
assurity.co.nz/education

BOOK ONLINE AT

assurity.co.nz/education

WORKSTATION REQUIREMENTS

Attendees should bring a Wi-Fi-enabled laptop to the workshop. The following operating systems have been tested as workstation systems with the hands-on exercises:

- Ubuntu 10.04, 12.04
- Mac OSX 10.7.3+
- Windows 7+ (with Git Bash)

Other platforms and platform versions may work without modification. Due to time constraints, we will not be able to troubleshoot issues with unlisted platforms. Attendees should install non-Chef required software **before** the workshop starts.

- SSH/SCP (Open SSH, puTTY/WinSCP or equivalent)
- Programmer's text editor (Vi/Vim, Emacs, Sublime Text 2 or equivalent)
- Git Bash (for Windows users)

Additionally, all attendees should install ChefDK.

PREREQUISITES

It's best that students of this class have some familiarity and comfort with the following:

- Writing code (of just about any flavour) in a text editor
- Working with Unix-based operating systems and command line (if not familiar, please sit the free course <https://www.udemy.com/git-bash/> prior to this course)
- Basic system administration – installing packages, configuring those packages, starting service

BOOKINGS & DISCOUNTS

Book and pay online at assurity.co.nz/education. We offer a 20% discount for early bird bookings made more than one month in advance. We offer discounts

for groups of six or more.



Assurity Education courses are delivered by Assurity Consulting Limited, New Zealand's leading testing and Lean/Agile consultancy.

assurity.co.nz
events@assurity.co.nz
twitter.com/AssurityNZ

AUCKLAND

Level 6
 22 Fanshawe Street
 PO Box 106 949
 Auckland 1143

t. (64) 9 354 4901

WELLINGTON

Level 7 Todd Building
 95 Customhouse Quay
 PO Box 25 440
 Wellington 6146

t. (64) 4 473 0901

CHRISTCHURCH

Level 2
 53 Victoria Street
 PO Box 25 443
 Christchurch 8144

t. (64) 3 379 9146