

# Chef, part 3 of 6: Templates and Resources

page 1

**Meet the expert:** Robin has completed two B.A.'s in astronomy and physics and is a Certified Chef Developer. Currently he delivers in-person and virtual trainings in DevOps and produces educational content for online learning spaces. Robin continues delivering world-class trainings on DevOps and Cloud Automation technologies.

**Prerequisites:** Basic System Administration  
Remote administration  
Basic Unix command-line navigation

**Runtime:** 01:51:43

**Course description:** Chef takes the process of software deployment and converts it into code making managing your infrastructure smoother and more efficient. This course starts off with templates. A cookbook template is used to dynamically generate static text files and are a great way to manage configuration files. Then it covers remote file execution, users groups and notifications. Finally, how to solve problems and troubleshoot issues.

## Course outline:

### Templates

- Introduction
- Templates
- Exploring Templates
- ERB
- Templates Recipes
- Lab: Templates
- Summary

### Common Resources

- Introduction
- Common Resources
- Cookbook File
- Remote File
- Execute
- User Group
- Notifications
- Summary

### Troubleshooting

- Introduction
- Troubleshooting and Bonus Content
- Chef DK
- Chef DK Tools
- Debugging
- Breaking Stuff
- Summary