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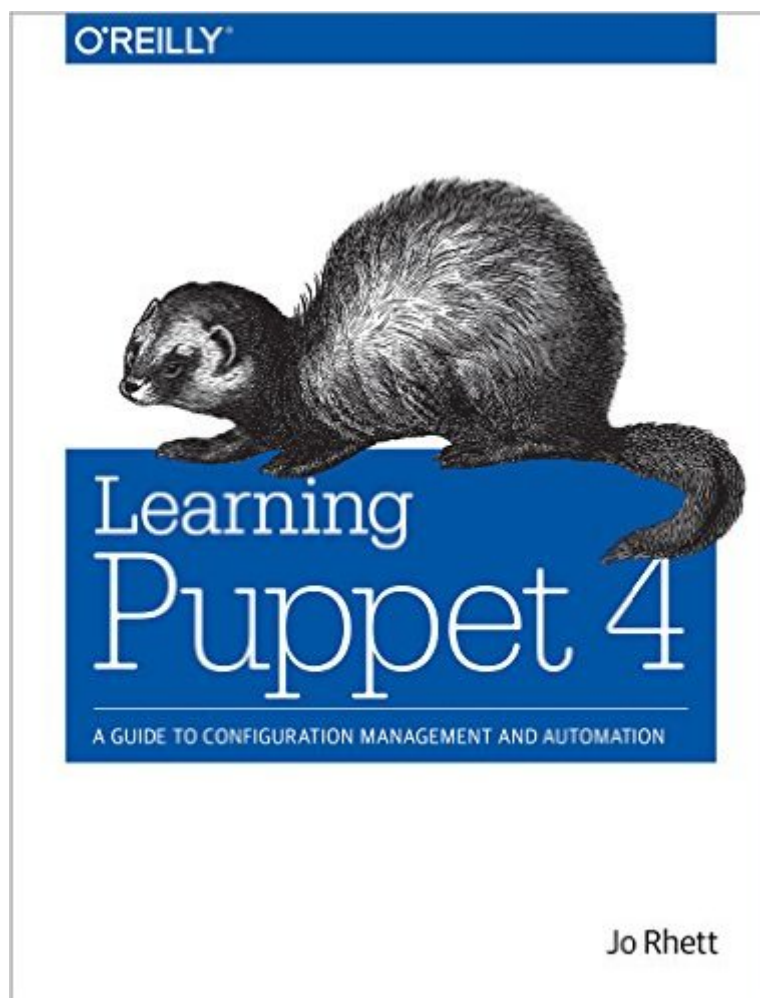
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Learning Puppet 4

A GUIDE TO CONFIGURATION MANAGEMENT AND AUTOMATION

Jo Rhett

Synopsis

If youâ ™re a system administrator, developer, or site reliability engineer responsible for handling hundreds or even thousands of nodes in your network, the Puppet configuration management tool will make your job a whole lot easier. This practical guide shows you what Puppet does, how it works, and how it can provide significant value to your organization.Through hands-on tutorials, DevOps engineer Jo Rhett demonstrates how Puppet manages complex and distributed components to ensure service availability. Youâ ™ll learn how to secure configuration consistency across servers, clients, your router, and even that computer in your pocket by setting up your own testing environment.Learn exactly what Puppet is, why it was created, and what problems it solvesTailor Puppet to your infrastructure with a design that meets your specific needsWrite declarative Puppet policies to produce consistency in your systemsBuild, test, and publish your own Puppet modulesManage network devices such as routers and switches with puppet device and integrated Puppet agentsScale Puppet servers for high availability and performanceExplore web dashboards and orchestration tools that supplement and complement Puppet

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