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Pulling Strings With Puppet Configuration Management Made Easy Firstpress

Acquire skills to manage your IT infrastructure effectively with Puppet
About This Book Breeze through Puppet 4's key features and performance improvements to bring real advantage to your IT infrastructure
Discover Puppet best practices to help you avoid common mistakes and pitfalls Blitz through easy-to-follow examples to get to grips with Puppet and succeed with everyday IT automation
Who This Book Is For If you're an experienced IT professional and a new Puppet user, this book will

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provide you with all you need to know to go from installation to advanced automation in no time at all. Get a rapid introduction to the essential topics and then tackle Puppet for advanced automation. What You Will Learn Write and employ individual Puppet manifests Understand how Puppet implements system abstraction Deploy the Puppet master and agents Leverage and extend Facter to summarize your systems Create modular and reusable Puppet code Extend your code base with publicly available Puppet modules Use the modern features of Puppet 4 Separate logic from data using Hiera In Detail Puppet is a configuration management tool that allows you to automate all your IT configurations, giving you control over what you do to each Puppet Agent in a network, and when

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and how you do it. In this age of digital delivery and ubiquitous Internet presence, it's becoming increasingly important to implement scalable and portable solutions, not only in terms of software, but also the systems that run it. The free Ruby-based tool Puppet has established itself as the most successful solution to manage any IT infrastructure. Ranging from local development environments through complex data center setups to scalable cloud implementations, Puppet allows you to handle them all with a unified approach. Puppet 4 Essentials, Second Edition gets you started rapidly and intuitively as you'll put Puppet's tools to work right away. It will also highlight the changes associated with performance improvements as well as the new language features in Puppet 4. We'll

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start with a quick introduction to Puppet to get you managing your IT systems quickly. You will then learn about the Puppet Agent that comes with an all-in-one (AIO) package and can run on multiple systems. Next, we'll show you the Puppet Server for high-performance communication and passenger packages. As you progress through the book, the innovative structure and approach of Puppet will be explained with powerful use cases. The difficulties that are inherent to a complex and powerful tool will no longer be a problem for you as you discover Puppet's fascinating intricacies. By the end of the book, you will not only know how to use Puppet, but also its companion tools Facter and Hieracore, and will be able to leverage the flexibility and expressive power implemented by their tool chain. Style

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and approach This quick learning guide for Puppet follows a practical approach, starting with some basic commands that you can use from the shell right away. It comprises a series of examples that will get you familiar with the most important aspects of Puppet in a flash.

A legal analyst for NPR, NBC, and CNN, delves into the facts surrounding what has been called the "worst intelligence disaster in U.S. history": the case of Robert Hanssen—a Russian spy who was embedded in the FBI for two decades. As a federal prosecutor and the daughter of an FBI agent, Wiehl has an inside perspective. She brings her experience and the ingrained lessons of her upbringing to bear on her remarkable exploration of the case, interviewing numerous FBI and CIA agents both past and present

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as well as the individuals closest to Hanssen. She speaks with his brother-in-law, his oldest and best friend, and even his psychiatrist. In all her conversations, Wiehl is trying to figure out how he did it—and at what cost. But she also pursues questions urgently relevant to our national security today. Could there be another spy in the system? Could the presence of a spy be an even greater threat now than ever before, with the greater prominence cyber security has taken in recent years? Wiehl explores the mechanisms and politics of our national security apparatus and how they make us vulnerable to precisely this kind of threat. Wiehl grew up among the same people with whom Hanssen ingratiated himself, and she has spent her career trying to find the truth within fractious legal and political

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conflicts. A Spy in Plain Sight reflects on the deeply sown divisions and paranoias of our present day and provides an unparalleled view into the functioning of the FBI, and will stand alongside pillars of the genre like Killers of the Flower Moon, The Spy and the Traitor, and No Place to Hide. During the 1790s in Vienna, German physician Franz Joseph Gall (1758-1828) came forth with a new doctrine dealing with mind, brain and behavior—one that could account for individual differences. He maintained that there are many independent faculties of mind, each associated with a separate part of the brain. He fine-tuned his ideas and published two sets of books presenting them after he and his assistant, Johann Gaspar Spurzheim, settled in Paris in 1807. Gall's ideas had many supporters but

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were controversial and unsettling to others. In particular, the opposition ridiculed his belief that skull features reflect the growth of specific, underlying cortical organs, and hence correlate with personality traits (i.e., his "bumpology"). Gall's fundamental ideas about the mind and organization of the brain were debated across the globe, and they also began to be exploited by unscrupulous businessmen, "professors" who "read skulls" for a living. But, as some historians have shown, his ideas about mind, brain and behavior led to the modern neurosciences. The chapters collected in this volume provide new insights into Gall's thinking and what Spurzheim did, and the faddish movement called "phrenology", which originated as a science of humankind but became a popular source of

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entertainment. All chapters were originally published in various issues of the Journal of the History of the Neurosciences.

Presented in an easy-to-follow, step-by-step tutorial format and packed with examples, this book will lead you through making the best out of Puppet in an enterprise environment. If you are a system administrator or developer who has used Puppet in production and are looking for ways to easily use Puppet in an enterprise environment, this book is for you. This book assumes an intermediate knowledge of Puppet and is intended for those writing modules or deploying Puppet in an enterprise environment.

Ansible

Puppet: Mastering Infrastructure

Automation

Pulling Strings with Puppet

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Enterprise Mac Administrators Guide

Puppet 5 Beginner's Guide

Who's Pulling Your Strings?: How to
Break the Cycle of Manipulation and
Regain Control of Your Life

Music is everywhere in our lives and all analysts are witness to musical symbols arising from their patient's psyche. However, there is a common resistance to working directly with musical content. Combining a wide range of clinical vignettes with analytic theory, Kroeker takes an in-depth look at the psychoanalytic process through the lens of musical

expression and puts forward an approach to working with musical symbols within analysis, which he calls Archetypal Music

Psychotherapy (AMP).

Kroeker argues that we have lost our connection to the simple, vital immediacy that musical expression offers. By distilling music into its basic archetypal elements, he illustrates how to rediscover our place in this confrontation with deep psyche and highlights the role of the enigmatic, musical psyche for guiding us through our life.

Innovative and interdisciplinary, Kroeker's model for working analytically with musical symbols enables readers to harness the impact of meaningful sound, allowing them to view these experiences through the clarifying lens of depth psychology and the wider work of contemporary psychoanalytic theory.

Jungian Music

Psychotherapy is a groundbreaking introduction to the ideas of Archetypal Music Psychotherapy that interweaves theory with

clinical examples. It is essential reading for Jungian analysts, psychotherapists, psychoanalysts, music therapists, academics and students of Jungian and post-Jungian studies, music studies, consciousness studies, and those interested in the creative arts.

This book introduces art projects that resulted from unconventional explorations, curious experiments and their creative translations into sensorial experiences. Using electronic and digital art,

bioart, sculpture and installations, sound and performance, the authors are removing boundaries between natural and artificial, real and imaginary, science and culture. The invited artists and researchers come from cutting-edge fields of art production that focuses on creating aesthetic experiences and performative situations. Their artworks create a spatial aesthetic experience for visitors by manifesting themselves in physical space. Experiencing the

Unconventional is a unique selection of works by artists not based on formal similarities, but on investigative practices. It offers in-depth insights and first-hand working experiences into current production of art works at the edge of art, science and technology.

Contents: Epistemological Machines and Protocomputing (Mitchell Whitelaw and Ralf Baecker) The Crystal World (Jonathan Kemp) Nigredo: Configuring Human and Technological Bodies (Marco

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**Donnarumma)Sensing
Spatial Experiences. The
Essential Nature of Things
(Sonia Cillari)Perfect Paul:
On Freedom of Facial
Expression (Arthur
Elsenaar)Hacking the
Universe (Frederik De
Wilde)Mesoscopic Ripples in
the Neural Sea (Evelina
Domnitch and Dmitry
Gelfand)Vanitas Machine
(Verena Friedrich)Interview
with Verena
FriedrichConnections
Continuum: A Life (Saša
Spačal)A New State of the
Living (Dmitry Bulatov)That
Which Lives in Me (Dmitry**

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***Bulatov and Alexey
Chebykin)Robotics and
Design: Towards a New
Symbiosis in Gilberto
Esparza's Artwork (Reynaldo
Thompson and Tirtha P
Mukhopadhyay)Pancreas. All
Flesh (Candyman)Demons of
Art (Interview with Thomas
Feuerstein by Hartmut
Böhme)Metabodies —
Exploring Social Networks
on Our Body (Sonja Bäumel
and Manuel Selg)Re-
Imagining the Biological
Membrane (Juan M
Castro)Bodymetries.
Mapping the Human Body
Through Amorphous***

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**Intelligence (Theresa
Schubert, Michael Markert,
Moritz Dreßler, Andrew
Adamatzky)The Engineer's
Report: "Swarm Cities" and
Other Synthetic Companions
(Francisco Gallardo and
Álvaro Castro-Castilla)Der
Zermesser (Leo
Peschta)Interview with Leo
Peschta Readership: Artists
and scientists interested in
removing boundaries
between their work.Key
Features:Brings together
established and emerging
artists from Europe, the
Americas and AsiaProvides
in-depth insight and first**

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**hand working experiences
into art works at the edge of
art, science and
technology**
**Keywords:Media
Art;Electronic
Art;Bioart;Unconventional C
omputing;Science;Technolog
y;Robotics;Body Sensors**
**Charles Edge and Bill Smith
provide detailed
explanations of the
technology required for
large-scale Mac OS X
deployments and show you
how to integrate it with
other operating systems and
applications. Now in its
second edition, Enterprise
Mac Administrator's Guide**

addresses the growing size and spread of Mac OS X deployments in corporations and institutions worldwide. In some cases, this is due to the growth of traditional Mac environments, but for the most part it has to do with organizations instituting device choice and switcher campaigns, where Windows and/or Linux environments are migrating to Mac OS X. There is a steep culture shock with many of these migrations. The products that are used are different, the nomenclature is different,

and most importantly the best practices for dealing with the operating system and updates are very different. Apple provides a number of tools to help automate and guide IT toward managing a large number of Mac OS X computers—it has since before Mac OS X was initially released. However, if you want to put together all of the pieces to tell a compelling story about how to run an IT department or a deployment of Macs, you need to compile information from a number of different

sources. This book provides explanations of the technology required. What You'll Learn Choose a directory services model that works for your organization and integrate it into your existing model Choose an imaging model and begin imaging workstations with or without third-party products Use the Mac App Store and Apple's Volume Purchasing Program to deploy apps Leverage scripting techniques to reduce labor for the IT department Provide network services (file sharing, mobile

home folders, messaging, etc.) to the Mac OS X clients Who This Book Is For System administrators and IT professionals who need to manage a large number of Mac OS X computers, be they Mac OS X-based servers or workstations. The assumption is that readers are somewhat familiar with Mac OS X and/or IT in general, but not that they are familiar with the Apple system internals, server services, or deployment techniques. Start pulling the strings of your infrastructure with

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***Puppet - learn how to
configure, customize, and
manage your systems more
intelligently About This Book
Explore the wider Puppet
ecosystem of useful tools
Design and manage your
Puppet architecture for
optimum performance Write
more efficient code that
keeps your infrastructure
more robust Who This Book
Is For If you are a Puppet
user, this book will help you
on different levels. If you a
beginner, we summarize the
key Puppet components and
give you the elements to
have a broader vision. For***

more experienced users, you will be surprised by with topics on designing, implementing, adapting, and deploying Puppet architectures. If you are expert, you will find topics and information that is rarely exposed in other books, giving you an insight into Puppet's future and its usage on alternative devices. What You Will Learn Learn the principles of Puppet language and ecosystem Extract the features of Hiera and PuppetDB's power usage Explore the different

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***approaches to Puppet
architecture design Use
Puppet to manage network,
cloud, and virtualization
devices Manage and test the
Puppet code workflow
Tweak, hack, and adapt the
Puppet extension points Get
a run through of the
strategies and patterns to
introduce Puppet
automation Master the art
of writing reusable modules
In Detail Puppet has
changed the way we manage
our systems, but Puppet
itself is changing and
evolving, and so are the
ways we are using it. To***

tackle our IT infrastructure challenges and avoid common errors when designing our architectures, an up-to-date, practical, and focused view of the current and future Puppet evolution is what we need. With Puppet, you define the state of your IT infrastructure, and it automatically enforces the desired state. This book will be your guide to designing and deploying your Puppet architecture. It will help you utilize Puppet to manage your IT infrastructure. Get to grips with Hiera and learn how to

install and configure it, before learning best practices for writing reusable and maintainable code. You will also be able to explore the latest features of Puppet 4, before executing, testing, and deploying Puppet across your systems. As you progress, Extending Puppet takes you through higher abstraction modules, along with tips for effective code workflow management. Finally, you will learn how to develop plugins for Puppet - as well as some useful techniques that can help

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***you to avoid common errors
and overcome everyday
challenges. Style and
approach This is a collection
of specific information about
multiple topics related to
Puppet and its ecosystem.
Starting from a review of
the very basics to more
advanced topics, mixing
practical advice with
important theory and
broader perspective, along
with implementation details.
Doing More with Less
Jungian Music
Psychotherapy
A Spy in Plain Sight
Feminism and Retelling the***

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Tale

Puppet 4 Essentials

Music in the Social and Behavioral Sciences

This first definitive reference resource to take a broad interdisciplinary approach to the nexus between music and the social and behavioral sciences examines how music affects human beings and their interactions in and with the world. The interdisciplinary nature of the work provides a starting place for students to situate the status of music within the social sciences in fields such as anthropology, communications, psychology, linguistics, sociology, sports, political science and economics, as well as biology and the health sciences. Features: Approximately 450 articles, arranged in A-to-Z fashion and richly illustrated with photographs, provide the social and behavioral context

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for examining the importance of music in society. Entries are authored and signed by experts in the field and conclude with references and further readings, as well as cross references to related entries. A Reader's Guide groups related entries by broad topic areas and themes, making it easy for readers to quickly identify related entries. A Chronology of Music places material into historical context; a Glossary defines key terms from the field; and a Resource Guide provides lists of books, academic journals, websites and cross-references. The multimedia digital edition is enhanced with video and audio clips and features strong search-and-browse capabilities through the electronic Reader's Guide, detailed index, and cross references. *Music in the Social and Behavioral Sciences*, available in both multimedia digital and print formats, is a must-have reference for music and social

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science library collections.

NGINX is one of the most widely used web servers available today, in part because of its capabilities as a load balancer and reverse proxy server for HTTP and other network protocols. This cookbook provides easy-to-follow examples to real-world problems in application delivery. The practical recipes will help you set up and use either the open source or commercial offering to solve problems in various use cases. For professionals who understand modern web architectures, such as n-tier or microservice designs, and common web protocols including TCP and HTTP, these recipes provide proven solutions for security, software load balancing, and monitoring and maintaining NGINX's application delivery platform. You'll also explore advanced features of both NGINX and NGINX Plus, the free and licensed

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versions of this server. You'll find recipes for: High-performance load balancing with HTTP, TCP, and UDP Securing access through encrypted traffic, secure links, HTTP authentication subrequests, and more Deploying NGINX to Google Cloud, AWS, and Azure cloud computing services Setting up and configuring NGINX Controller Installing and configuring the NGINX Plus App Protect module Enabling WAF through Controller ADC

The HMM2004 International Symposium on History of Machines and Mechanisms is the second event of a series that has been started in 2000 as main activity of the IFToMM Permanent Commission for History of MMS, Mechanism and Machine Science. The aim of the HMM Symposium is to be a forum to exchange views, opinions, and experiences on History of MMS from technical

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viewpoints in order to track the past but also to look at future developments in MMS. The HMM Symposium Series is devoted to the technical aspects of historical developments and therefore it has been addressed mainly to the IFToMM Community. In fact, most the authors of the contributed papers are experts in MMS and related topics. This year HMM Symposium came back to Cassino, after the challenging first event in 2000. The HMM2004 International Symposium on History of Machines and Mechanisms was held at the University of Cassino, Italy, from 12 to 15 May 2004. These Proceedings contain 29 papers by authors from all around the world. These papers cover the wide field of the History of Mechanical Engineering and particularly the History of MMS. The contributions address mainly technical aspects of historical developments of Machines and

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Mechanisms. History of IFToMM, the International Federation for the Promotion of Mechanism and Machine Science is also outlined through the historical activities of some of its Commissions. With platforms designed for rapid adaptation and failure recovery such as Amazon Web Services, cloud computing is more like programming than traditional system administration. Tools for automatic scaling and instance replacement allow even small DevOps teams to manage massively scalable application infrastructures. If team members drop their old views of development and operations and start mastering automation. This comprehensive guide shows developers and system administrators how to configure and manage AWS services including EC2, CloudFormation, Elastic Load Balancing, S3, and Route 53. Sysadmins will learn will learn to automate

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their favorite tools and processes; developers will pick up enough ops knowledge to build a robust and resilient AWS application infrastructure. Launch instances with EC2 or CloudFormation Securely deploy and manage your applications with AWS tools Learn to automate AWS configuration management with Python and Puppet Deploy applications with Auto Scaling and Elastic Load Balancing Explore approaches for deploying application and infrastructure updates Save time on development and operations with reusable components Learn strategies for managing log files in AWS environments Configure a cloud-aware DNS service with Route 53 Use AWS CloudWatch to monitor your infrastructure and applications Demand Driven

Extending Puppet - Second Edition

Six Steps to Creating an Ecosystem of

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Demand for Your Business

A History of Pleasure, Panic, and the
Politics of Pushing

Learning Puppet

Experiencing the Unconventional

Pro Puppet is an in-depth guide to installing, using, and developing the popular configuration management tool Puppet. The book is a comprehensive follow-up to the previous title Pulling Strings with Puppet. Puppet provides a way to automate everything from user management to server configuration. You'll learn how to create Puppet recipes, extend Puppet, and use Facter to gather configuration data from your servers. Puppet is a must-

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have tool for system administrators, and Pro Puppet will teach you how to maximize its capabilities and customize it for your environment. Install and configure Puppet to immediately start automating tasks and create reporting solutions Learn insider tricks and techniques to better manage your infrastructure Become a Puppet expert!

This book is a clear, detailed and practical guide to learn about designing and deploying you puppet architecture, with informative examples to highlight and explain concepts in a focused

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manner. This book is designed for users who already have good experience with Puppet, and will surprise experienced users with innovative topics that explore how to design, implement, adapt, and deploy a Puppet architecture. The key to extending Puppet is the development of types and providers, for which you must be familiar with Ruby. A powerful program to stop manipulators in their tracks

In Who's Pulling Your Strings?, Dr. Harriet B. Braiker, New York Times bestselling author of *The Disease to Please*, explains how depression, low self-esteem, anger, and feelings

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of helplessness can be caused by relationships with manipulative people. She exposes the most common methods of manipulators, and with the help of selfassessment quizzes, action plans, and how-to exercises, she helps you recognize and end the manipulative cycle for good. A proven, six-step process for creating and capturing demand in today's networked economy Demand Driven proves that it's not enough for organizations to market their products directly to the customer. Instead, it explains how organizations can create an "ecosystem of demand" for their products

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and services by using technology to partner with suppliers, customers, resellers, and competitors. These partnerships create indirect demand for the original product or service, resulting in higher overall sales. Demand Driven takes the concept of partnership marketing a step further by showing how a company can use technology to shape a common customer experience with its products, regardless of whether a customer is talking on the phone to a reseller, visiting its website, or purchasing support services from one of the company's marketing partners. Demand

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Driven moves beyond simplistic CRM and E-business "bandages" and offers digital and Internet solutions to both create and capture demand and dramatically increase revenue and market share in today's networked economy.

Extending Puppet

AWS System Administration

The White Feathered Octopus

NGINX Cookbook

Better, Faster, Lighter Java

When Psyche Sings

This book is your concise guide to Ansible, the simple way to automate apps and IT infrastructure. In less than 250 pages, this book takes you from knowing nothing

about configuration management to understanding how to use Ansible in a professional setting. You will learn how to create an Ansible playbook to automatically set up an environment, ready to install an open source project. You'll extract common tasks into roles that you can reuse across all your projects, and build your infrastructure on top of existing open source roles and modules that are available for you to use. You will learn to build your own modules to perform actions specific to your business. By

the end you will create an entire cluster of virtualized machines, all of which have your applications and all their dependencies installed automatically. Finally, you'll test your Ansible playbooks. Ansible can do as much or as little as you want it to.

Ansible: From Beginner to Pro will teach you the key skills you need to be an Ansible professional. You'll be writing roles and modules and creating entire environments without human intervention in no time at all - add it to your library today. What You Will

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Learn why Ansible is so popular and how to download and install it. Create a playbook that automatically downloads and installs a popular open source project. Use open source roles to complete common tasks, and write your own specific to your business. Extend Ansible by writing your own modules. Test your infrastructure using Test Kitchen and ServerSpec. Who This Book Is For: Developers that currently create development and production environments by hand. If you

find yourself running apt-get install regularly, this book is for you. Ansible adds reproducibility and saves you time all at once. Ansible: From Beginner to Pro is great for any developer wanting to enhance their skillset and learn new tools. How can you grow and maintain a reliable, flexible, and cost-efficient network in the face of ever-increasing demands? With this practical guide, network engineers will learn how to program Juniper network devices to perform day-to-day tasks, using the

automation features of the Junos OS. Junos supports several automation tools that provide powerful solutions to common network automation tasks. Authors Jonathan Looney and Stacy Smith, senior testing engineers at Juniper, will help you determine which tools work best for your particular network requirements. If you have experience with Junos, this book will show you how automation can make a big difference in the operation of your existing network. Manage Junos software with

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*remote procedure calls and a
RESTful API Represent
devices as Python objects
and manage them with
Python's PyEZ package
Customize Junos software to
detect and block commits
that violate your network
standards Develop custom
CLI commands to present
information the way you
want Program Junos
software to automatically
respond to network events
Rapidly deploy new Junos
devices into your network
with ZTP and Netconify tools
Learn how to use Ansible or
Puppet to manage Junos*

software

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Competent system

administrators know their success hinges upon being able to perform often tedious tasks with rigor and punctuality. Such metrics are often achieved only by instituting a considerable degree of automation, something that has become even more crucial as IT environments continue to scale both in terms of size and complexity. One of the most powerful system administration tools to be released is Puppet, a solution capable of

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***automating nearly every
aspect of a system***

***administrator's job, from
user management, to
software installation, to even
configuring server services
such as FTP and LDAP.***

***Pulling Strings with Puppet:
Configuration Management
Made Easy is the first book
to introduce the powerful
Puppet system***

***administration tool. Author
James Turnbull will guide
you through Puppet's key
features, showing you how to
install and configure the
software, create automated
Puppet tasks, known as***

recipes, and even create reporting solutions and extend Puppet further to your own needs. A bonus chapter is included covering the Facter library, which makes it a breeze to automate the retrieval of server configuration details such as IP and MAC addresses.

Sometimes the simplest answer is the best. Many Enterprise Java developers, accustomed to dealing with Java's spiraling complexity, have fallen into the habit of choosing overly complicated solutions to problems when

simpler options are available. Building server applications with "heavyweight" Java-based architectures, such as WebLogic, JBoss, and WebSphere, can be costly and cumbersome. When you've reached the point where you spend more time writing code to support your chosen framework than to solve your actual problems, it's time to think in terms of simplicity. In Better, Faster, Lighter Java, authors Bruce Tate and Justin Gehtland argue that the old heavyweight architectures

are unwieldy, complicated, and contribute to slow and buggy application code. As an alternative means for building better applications, the authors present two "lightweight" open source architectures: Hibernate--a persistence framework that does its job with a minimal API and gets out of the way, and Spring--a container that's not invasive, heavy or complicated. Hibernate and Spring are designed to be fairly simple to learn and use, and place reasonable demands on system resources. Better, Faster,

Lighter Java shows you how they can help you create enterprise applications that are easier to maintain, write, and debug, and are ultimately much faster. Written for intermediate to advanced Java developers, Better, Faster, Lighter Java, offers fresh ideas--often unorthodox--to help you rethink the way you work, and techniques and principles you'll use to build simpler applications. You'll learn to spend more time on what's important. When you're finished with this

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*book, you'll find that your
Java is better, faster, and
lighter than ever before.*

*Fairy Tales, Myth, and
Psychoanalytic Theory*

*Olympiad Champs Cyber
Class 8 with Past Olympiad
Questions 2nd Edition*

*Learning MCollective
Design Patterns for
Maintainable Code*

*Gall, Spurzheim, and the
Phrenological Movement
Science in Art*

Pro Puppet, Second
Edition, now updated for
Puppet 3, is an in-depth
guide to installing,
using, and developing

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the popular

configuration management tool Puppet. Puppet provides a way to automate everything from user management to server configuration.

You'll learn how Puppet has changed in the latest version, how to use it on a variety of platforms, including Windows, how to work with Puppet modules, and how to use Hiera. Puppet is a must-have tool for system administrators, and Pro Puppet will teach you how to

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maximize its capabilities and customize it for your environment. Install and configure Puppet to immediately start automating tasks and create reporting solutions Learn insider tricks and techniques to better manage your infrastructure Become a Puppet expert!

Push a button and turn on the television; tap a button and get a ride; click a button and "like" something. The touch of a finger can

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set an appliance, a car, or a system in motion, even if the user doesn't understand the underlying mechanisms or algorithms. How did buttons become so ubiquitous? Why do people love them, loathe them, and fear them? In *Power Button*, Rachel Plotnick traces the origins of today's push-button society by examining how buttons have been made, distributed, used, rejected, and refashioned throughout

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history. Focusing on the period between 1880 and 1925, when “technologies of the hand” proliferated (including typewriters, telegraphs, and fingerprinting), Plotnick describes the ways that button pushing became a means for digital command, which promised effortless, discreet, and fool-proof control. Emphasizing the doubly digital nature of button pushing—as an act of the finger and a binary activity (on/off, up/down)—Plotnick

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suggests that the tenets of precomputational digital command anticipate contemporary ideas of computer users. Plotnick discusses the uses of early push buttons to call servants, and the growing tensions between those who work with their hands and those who command with their fingers; automation as "automagic," enabling command at a distance; instant gratification, and the victory of light over darkness; and early

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twentieth-century

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imaginings of a future push-button culture.

Push buttons, Plotnick tells us, have demonstrated remarkable staying power, despite efforts to cast button pushers as lazy, privileged, and even dangerous.

Puppet 5 Beginner's Guide, Third Edition is a practical guide that gets you up and running with the very latest features of Puppet 5. About This Book Develop skills to run Puppet 5

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on single or multiple servers without hiccups Use Puppet to create and manage cloud resources such as Amazon EC2 instances Take full advantage of powerful new features of Puppet including loops, data types, Hiera integration, and container management Who This Book Is For Puppet 5 Beginner's Guide, Third Edition is designed for those who are new to Puppet, including system administrators and

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developers who are looking to manage computer server systems for configuration management. No prior programming or system administration experience is assumed.

What You Will Learn

Understand the latest Puppet 5 features
Install and set up Puppet and discover the latest and most advanced features
Configure, build, and run containers in production using Puppet's industry-leading Docker support

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Deploy configuration files and templates at super-fast speeds and manage user accounts and access control Automate your IT infrastructure Use the latest features in Puppet 5 onward and its official modules Manage clouds, containers, and orchestration Get to know the best practices to make Puppet more reliable and increase its performance In Detail Puppet 5 Beginner's Guide, Third Edition gets you up and

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running with the very latest features of Puppet 5, including Docker containers, Hieradata, and Amazon AWS cloud orchestration. Go from beginner to confident Puppet user with a series of clear, practical examples to help you manage every aspect of your server setup. Whether you're a developer, a system administrator, or you are simply curious about Puppet, you'll learn Puppet skills that you can put into practice

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right away. With practical steps giving you the key concepts you need, this book teaches you how to install packages and config files, create users, set up scheduled jobs, provision cloud instances, build containers, and so much more. Every example in this book deals with something real and practical that you're likely to need in your work, and you'll see the complete Puppet code that makes it happen,

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along with step-by-step instructions for what to type and what output you'll see. All the examples are available in a GitHub repo for you to download and adapt for your own server setup. Style and approach This tutorial is packed with quick step-by-step instructions that are immediately applicable for beginners. This is an easy-to-read guide, to learn Puppet from scratch, that explains simply and clearly all

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you need to know to use this essential IT power tool, while applying these solutions to real-world scenarios.

If you are a software developer or administrator who wishes to create simple, reusable environments using Vagrant, this book is the perfect choice for you. Whether you are a system administrator with extensive experience in virtualization or a developer wishing to create development

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scripts for cloud
deployment, you will
find easy-to-follow
recipes and techniques
in this book that will
allow you to create
robust and reproducible
virtual environments.

Linux System

Administration Recipes

Proceedings HMM2004

From Beginner to Pro

Vagrant Virtual

Development Environment

Cookbook

Configuration Management

Made Easy

A Problem-Solution

Approach

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If you'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

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ensure service

availability. You'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 solves

Tailor Puppet to your

infrastructure with a

design that meets your

specific needs Write

declarative Puppet

policies to produce

consistency in your

systems Build, test, and

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publish your own Puppet modules Manage network devices such as routers and switches with puppet device and integrated Puppet agents Scale Puppet servers for high availability and performance Explore web dashboards and orchestration tools that supplement and complement Puppet Orchestrate change across server clusters in near realtime with MCollective, the framework that works in concert with Puppet, Chef, and other configuration management

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tools. Ideal for system administrators and operations or DevOps engineers at any level, this hands-on guide teaches you how to build and test a real installation of MCollective servers and clients in your environment. Learn how to build an entire installation by hand, know where every configuration file lives, and understand every configuration parameter and what it means. Whether you manage a small environment or one that's immense in scale,

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this book shows you how to orchestrate specific actions faster and better than you do now. Tour MCollective's architecture, backbone, transport, and security controls Configure MCollective components to match your production environment Create and use collectives to handle thousands of remote MCollective agents Use ActiveMQ Network of Brokers to resolve multi-site or redundancy requirements Learn how to use community-built client and agent plugins, with

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concrete examples Create your own server and client plugins to perform a variety of actions Learn recommended best practices for using MCollective The job of Linux systems administrator is interrupt-driven and requires constant learning in byte-wise chunks. This book gives solutions to modern problems—even some you might not have heard of—such as scripting LDAP, making Mac clients play nice with Linux servers, and backup, security, and recovery scripts. Author Juliet Kemp takes a broad

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*approach to scripting
using Perl and bash, and
all scripts work on Debian
or Red Hat lineage
distributions. Plus, she
dispenses wisdom about
time management, dealing
with desperate colleagues,
and how to avoid
reinventing the wheel!
Learn how to love LDAP
scripting and NFS tuning
Make Perl serve you: don't
be enslaved by Perl Learn
to change, craft, and feel
empowered by recipes that
change your life
We can all be Linux
experts, provided we
invest the time in*

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***learning the craft of
Linux administration. Pro
Linux System
Administration makes it
easy for small- to
medium-sized businesses to
enter the world of
zero-cost software running
on Linux and covers all
the distros you might want
to use, including Red Hat,
Ubuntu, Debian, and
CentOS. Authors, and
systems infrastructure
experts James Turnbull,
Peter Lieverdink, and
Dennis Matotek take a
layered, component-based
approach to open source
business systems, while***

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training system

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administrators as the
builders of business
infrastructure. If you
want to implement a SOHO
or SMB Linux
infrastructure, Pro Linux
System Administration
clearly demonstrates
everything you need.
You'll find this book also
provides a solid framework
to move forward and expand
your business and
associated IT
capabilities, and you'll
benefit from the expertise
and experienced guidance
of the authors. Pro Linux
System Administration

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*covers An introduction to
using Linux and free and
open source software to
cheaply and efficiently
manage your business A
layered model that allows
your infrastructure to
grow with your business*

*Easy and
simple-to-understand
instructions including
configurations, examples,
and extensive real-world
hints and tips*

*Parallel Server Management
in Puppet and Chef*

*International Symposium on
History of Machines and
Mechanisms*

Puppet Best Practices

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Pro Puppet

An Encyclopedia

Insights and Perspectives

Among the many configuration management tools available, Ansible has some distinct advantages—it's minimal in nature, you don't need to install anything on your nodes, and it has an easy learning curve. This practical guide shows you how to be productive with this tool quickly, whether you're a developer deploying code to production or a system administrator looking for a better automation

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solution. Author Lorin Hochstein shows you how to write playbooks (Ansible's configuration management scripts), manage remote servers, and explore the tool's real power: built-in declarative modules. You'll discover that Ansible has the functionality you need and the simplicity you desire. Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Learn Ansible's support for variables and facts Work with a complete

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example to deploy a non-trivial application Use roles to simplify and reuse playbooks Make playbooks run faster with ssh multiplexing, pipelining, and parallelism Deploy applications to Amazon EC2 and other cloud platforms Use Ansible to create Docker images and deploy Docker containers At the same time that 1970s feminist psychoanalytic theorists like Jean Baker Miller and Nancy Chodorow were challenging earlier models that assumed the masculine

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psyche as the norm for human development and mental/emotional health, writers such as Anne Sexton, Olga Broumass, and Angela Carter were embarked on their own revisionist project to breathe new life into fairy tales and classical myths based on traditional gender roles. Similarly, in the 1990s, second-wave feminist clinicians continued the work begun by Chodorow and Miller, while writers of fantasy that include Terry Windling, Tanith Lee, Terry Pratchett, and

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Catherynne M. Valente took their inspiration from revisionist authors of the 1970s. As Schanoes shows, these two decades were both particularly fruitful eras for artists and psychoanalytic theorists concerned with issues related to the development of women's sense of self. Putting aside the limitations of both strains of feminist psychoanalytic theory, their influence is undeniable. Schanoes's book posits a new model for understanding both feminist psychoanalytic

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theory and feminist retellings, one that emphasizes the interdependence of theory and art and challenges the notion that literary revision involves a masculinist struggle with the writer's artistic forbearers.

Start pulling the strings of your infrastructure with Puppet - learn how to configure, customize, and manage your systems more intelligently

About This Book- Explore the wider Puppet ecosystem of useful tools- Design and manage your Puppet architecture

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for optimum performance—
Write more efficient code
that keeps your
infrastructure more robust
Who This Book Is For If you
are a Puppet user, this
book will help you on
different levels. If you a
beginner, we summarize the
key Puppet components and
give you the elements to
have a broader vision. For
more experienced users,
you will be surprised by
with topics on designing,
implementing, adapting,
and deploying Puppet
architectures. If you are
expert, you will find
topics and information

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that is rarely exposed in other books, giving you an insight into Puppet's future and its usage on alternative devices. What You Will Learn- Learn the principles of Puppet language and ecosystem- Extract the features of Hiera and PuppetDB's power usage- Explore the different approaches to Puppet architecture design- Use Puppet to manage network, cloud, and virtualization devices- Manage and test the Puppet code workflow- Tweak, hack, and adapt the Puppet extension points- Get a

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run through of the strategies and patterns to introduce Puppet automation- Master the art of writing reusable modules
In Detail Puppet has changed the way we manage our systems, but Puppet itself is changing and evolving, and so are the ways we are using it. To tackle our IT infrastructure challenges and avoid common errors when designing our architectures, an up-to-date, practical, and focused view of the current and future Puppet evolution is what we need.

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With Puppet, you define the state of your IT infrastructure, and it automatically enforces the desired state. This book will be your guide to designing and deploying your Puppet architecture. It will help you utilize Puppet to manage your IT infrastructure. Get to grips with Hiera and learn how to install and configure it, before learning best practices for writing reusable and maintainable code. You will also be able to explore the latest features of Puppet 4,

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before executing, testing, and deploying Puppet

across your systems. As you progress, Extending Puppet takes you through higher abstraction modules, along with tips for effective code workflow

management. Finally, you will learn how to develop plugins for Puppet - as well as some useful techniques that can help you to avoid common errors and overcome everyday challenges. Style and approach This is a collection of specific information about multiple

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topics related to Puppet and its ecosystem.

Starting from a review of the very basics to more advanced topics, mixing practical advice with important theory and broader perspective, along with implementation details.

Build intelligent software stacks with the Puppet configuration management suite About This Book Develop high-quality Puppet modules in an isolated development environment Manage complex development environments with industry-leading

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configuration management tool A comprehensive guide to get you started with Puppet development and deployment in virtual environments Who This Book Is For If you are new to configuration management and IT automation processes and are looking for better ways to manage system configuration changes at scale, this book is for you. Basic knowledge of Linux System Administration is a prerequisite. What You Will Learn Manage your system with Puppet instantly Develop Puppet

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in an isolated development environment Make your manifests reusable to avoid re-inventing the wheel Automate monitoring to improve the user experience through increased uptime Enable nodes to communicate with each other via Puppet Master Make environment configuration dynamic using stored configurations and PuppetDB Extend Puppet beyond the built-in functionalities Manage your environment through the Puppet Enterprise console In Detail Puppet

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is a cross-platform, open source configuration management utility, which runs on various Unix, Linux, and Windows Microsoft platforms. It allows you to automate all your IT configurations, giving you control of what you do to each node, and also when and how you do it. You'll be able to build and manage development, test, and production environments independently without requiring previous system administration experience. Learning Puppet is a step-by-step guide on how to

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get started with Puppet development and use Puppet modules as the building blocks to deploy production-ready application cluster in virtual environment. You will begin with the installation of development environment on the VirtualBox hypervisor and Puppet Learning VM that will be used as the platform for testing and development of Puppet modules. Next, you will learn how to manage virtual machines and snapshots effectively and enhance the development

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experience with advanced VirtualBox features. Later the book will focus on Puppet module development in detail. You will be guided through the process of utilizing existing modules that are available in the public module repository, write your own modules and use them to deploy a real-world web application that includes features such as monitoring and load balancing. You will then learn to scale your environment and turn your static configuration into a dynamic one through

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stored configurations and PuppetDB. Finally, the book will provide you with practical advice on Puppet troubleshooting and managing your environment with the wealth of features provided by the Puppet Enterprise console. *Style and approach* A comprehensive introductory guide to help you manage your infrastructure with Puppet. All instructions and explanations are supported with screenshots and code examples to ensure you get an easy start with Puppet. *Best Practices for*

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*Sysadmins in the Amazon
Cloud*

Power Button

Pro Linux System

Administration

*Gain Key Skills to Manage
Your IT Infrastructure and
Succeed with Everyday IT
Automation : a Course in
Three Modules*

Learning Puppet 4

*Go from newbie to pro with
Puppet 5*

If you maintain or plan to
build Puppet
infrastructure, this
practical guide will take
you a critical step
further with best
practices for managing the

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task successfully. Authors Chris Barbour and Jo Rhett present best-in-class design patterns for deploying Puppet environments and discuss the impact of each. The conceptual designs and implementation patterns in this book will help you create solutions that are easy to extend, maintain, and support. Essential for companies upgrading their Puppet deployments, this book teaches you powerful new features and implementation models that weren't available in the older versions. DevOps

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engineers will learn how best to deploy Puppet with long-term maintenance and future growth in mind. Explore Puppet's design philosophy and data structures Get best practices for using Puppet's declarative language Examine Puppet resources in depth—the building blocks of state management Learn to model and describe business and site-specific logic in Puppet See best-in-class models for multitiered data management with Hiera Explore available options and community experience

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for node classification
Utilize r10k to simplify
and accelerate Puppet
change management Review
the cost benefits of
creating your own
extensions to Puppet Get
detailed advice for
extending Puppet in a
maintainable manner
Start pulling the strings
of your IT infrastructure
effectively with Puppet –
learn how to configure,
customize and manage your
systems more intelligently
in an enterprise
deployment. About This
Book Step-by-step
instructions to jump start

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your Puppet deployment and automate your IT configurations Design, implement, and deploy Puppet in your infrastructure and tackle everyday IT infrastructure challenges Gain expert understanding of Puppet's latest and most advanced features Who This Book Is For If you're an experienced IT professional and a new Puppet user, this course will provide you with all you need to know to go from installation to advanced automation. What You Will Learn Write and

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employ individual Puppet manifests Understand how Puppet implements system abstraction Use Puppet to manage network, cloud, and virtualization devices Manage and test the Puppet code workflow Tweak, hack, and adapt the Puppet extension points Use exported resources to orchestrate change between machines Debug a puppetserver using Java techniques In Detail Puppet is a configuration management tool that allows you to automate all your IT configurations, giving you control. It was

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written for and by system administrators to manage large numbers of systems efficiently and prevent configuration drifts.

Puppet gives you control of what you do to each node, when you do it, and how you do it. This

Learning Path will take you from the basics of Puppet to extending it and then mastering it. We will start off with a primer on Puppet, its installation and get a sneak peek under its hood. We will then move on to designing and deploying your Puppet architecture, learning

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best practices for writing reusable and maintainable code, and executing, testing, and deploying Puppet across your systems. Finally, we will deal with problems of scale and exceptions in your code, automate workflows, and support multiple developers working simultaneously. This course is based on the following books: Puppet 4 Essentials - Second Edition Extending Puppet - Second Edition Mastering Puppet - Second Edition Style and approach This learning path follows

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a practical approach,
starting from the basic
commands to advanced
aspects. Through a series
of examples you will learn
the most important skills
essential to manage your
IT infrastructure
effectively.

A Guide to Configuration
Management and Automation

Class 8 Past Olympiad
Solved Papers (2019 &
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How to Break the Cycle of
Manipulation and Regain

Control of Your Life

Automating Configuration

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Mastering Puppet
Ansible: Up and Running