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respond to events in the JUNOS environment Automate JUNOS with PyEZ Deal with events in the JUNOS environment and writing response handlers to deal with them Make the most of automation technologies to help with maintenance and monitoring of JUNOS Use the Ansible framework to extend the automation functionality of Junos In Detail The JUNOS Automation Cookbook is a companion guide for the complex field of automating tasks on JUNOS devices With a foundation in industry standard XML JUNOS provides an ideal environment for programmatic interaction allowing you to build upon the capabilities provided by Juniper with your own original code You will begin by learning about and setting up the industry standard NETCONF remote procedure call mechanisms on your device After initial setup you will walk through SLAX Juniper's foundation scripting language for manipulating XML representations of JUNOS concepts and elements You will learn how to write your own SLAX scripts to customise the operating environment and also how to write proactive event handlers that deal with situations as they happen You will then delve into PyEZ Juniper's bridging framework to make automation accessible to Python code allowing you to build automation applications in the popular scripting language You will witness some examples of how to write applications that can monitor configuration changes implement BGP security policies and implement ad hoc routing protocols for those really tricky situations You will also learn how asynchronous I/O frameworks like Node.js can be used to implement automation applications that present an acceptable web interface Along with way you will explore how to make use of the latest RESTful APIs that JUNOS provides how to visualize aspects of your JUNOS network and how to integrate your automation capabilities with enterprise wide orchestration systems like Ansible By the end of the book you will be able to tackle JUNOS automation challenges with confidence and understanding and without hassle Style and Approach A guide that will cover all the automation tools along with steps on leveraging these tools

Proceedings of the ... Systems Administration Conference (LISA ...), 2000 *Administrative Register of Kentucky*, 2008 *This Week Mastering Junos Automation* Curtis Call, Jeremy Schulman, 2011-07-08 **Telecommunications**, 2004 *This Week Junos Automation Reference with SLAX 1.0* Curtis Call, 2011-07-08 *Day One* Peter Klimai, 2018-10 *The College Blue Book: Occupational education*, 2003 **Designing and Developing Scalable IP Networks** Guy Davies, 2004-09-03 Today's aggressively competitive networking market requires offering the maximum range of services using prevailing assets not building bigger more complicated networks but smarter more scalable infrastructures It isn't an easy thing to do The challenge is to develop an existing network so as to maximise its profitability A multi vendor approach to the subject is necessary since existing infrastructure is rarely homogeneous Discussion cannot merely be rooted in theory but has to bring to the fore actual designs and real development Guy Davies's invaluable reference tool is the product of many years experience in designing and developing real scalable systems for both service providers and enterprise networks It is a comprehensive demonstration of how to build scalable networks the pitfalls to avoid and a compilation of the most successful mechanisms available for engineers building and operating IP networks *Designing and Developing Scalable IP Networks Documents practical scaling*

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