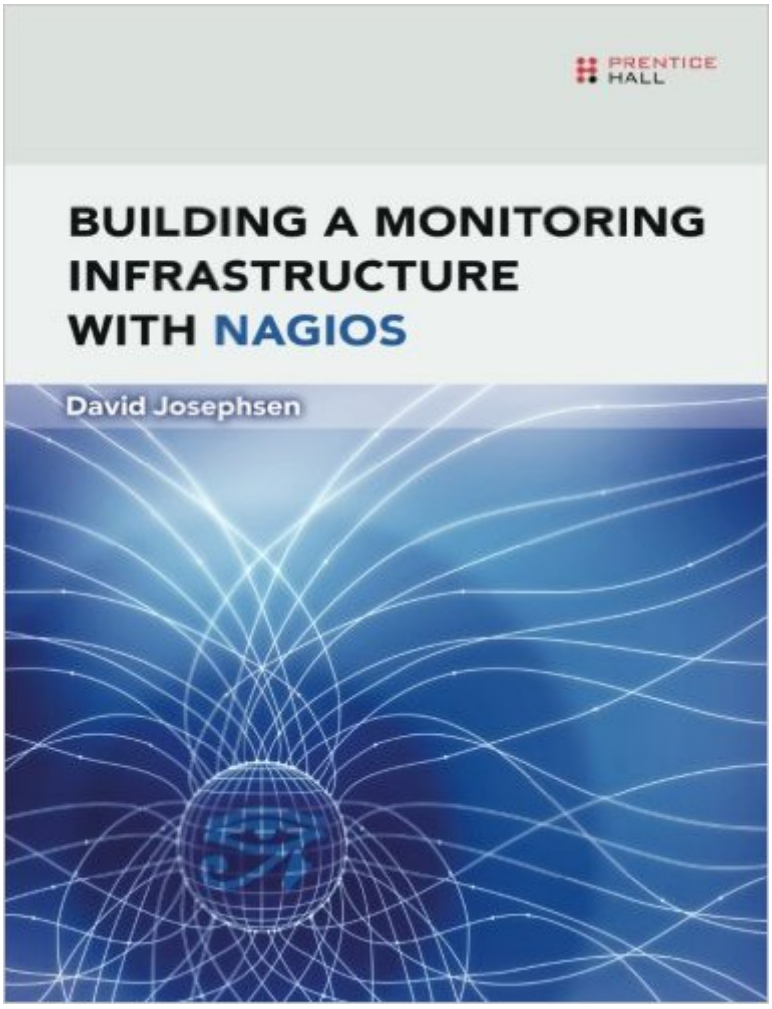
Building A Monitoring Infrastructure With Nagios



Synopsis

Build real-world, end-to-end network monitoring solutions with Nagios Â This is the definitive guide to building low-cost, enterprise-strength monitoring infrastructures with Nagios, the worldâ ™s leading open source monitoring tool. Network monitoring specialist David Josephsen goes far beyond the basics, demonstrating how to use third-party tools and plug-ins to solve the specific problems in your unique environment. Josephsen introduces Nagios â œfrom the ground up,â • showing how to plan for success and leverage todayâ ™s most valuable monitoring best practices. Then, using practical examples, real directives, and working code, Josephsen presents detailed monitoring solutions for Windows, Unix, Linux, network equipment, and other platforms and devices. Youâ ™ll find thorough discussions of advanced topics, including the use of data visualization to solve complex monitoring problems. This is also the first Nagios book with comprehensive coverage of using Nagios Event Broker to transform and extend Nagios. Understand how Nagios works, in depth: the host and service paradigm, plug-ins, scheduling, and notification Configure Nagios successfully: config files, templates, timeperiods, contacts, hosts, services, escalations, dependencies, and more Streamline deployment with scripting templates, automated discovery, and Nagios GUI tools Use plug-ins and tools to systematically monitor the devices and platforms you need to monitor, the way you need to monitor them Establish front-ends, visual dashboards, and management interfaces with MRTG and RRDTool Build new C-based Nagios Event Broker (NEB) modules, one step at a time Contains easy-to-understand code listings in Unix shell, C, and Perl Â If youâ ™re responsible for systems monitoring infrastructure in any organization, large or small, this book will help you achieve the results you wantâ “right from the start. Â David Josephsen is Senior Systems Engineer at DBG, Inc., where he maintains a collection of geographically dispersed server farms. He has more than a decade of hands-on experience with Unix systems, routers, firewalls, and load balancers in support of complex, high-volume networks. Josephsenâ ™s certifications include CISSP, CCNA, CCDA, and MCSE. His co-authored work on Bayesian spam filtering earned a Best Paper award at USENIX LISA 2004. He has been published in both ;login and Sysadmin magazines on topics relating to security, systems monitoring, and spam mitigation. Â IntroductionCHAPTER 1 Best PracticesCHAPTER 2 Theory of Operations CHAPTER 3 Installing Nagios CHAPTER 4 Configuring Nagios CHAPTER 5 Bootstrapping the Configs CHAPTER 6 WatchingCHAPTER 7 VisualizationCHAPTER 8 Nagios Event Broker Interface APPENDIX A Configure OptionsAPPENDIX B nagios.cfg and cgi.cfgAPPENDIX C Command-Line OptionsIndex Â

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Customer Reviews

Nagios already has extensive online documentation and one of the best and most active communities, so why do you need this book? You need it because it is most assuredly not an attempt to simply rehash existing documentation.This book does a great job of addressing the challenges involved in deploying Network Monitoring generally, and then providing the reasons why Nagios is the best choice for providing the needed functionality, and how to go about making sure your implementation is a success.Best of all it is not a dry technical reference tome. Such things have their place, but what seems to be more lacking in a lot of systems administrators is a deeper more cohesive understanding of how it all works together, and why it works that way. This book presents that information in a way that is easy to read. The author’s personality quite clearly shines through in most of the book, making it rather easy and even enjoyable reading. Something that sadly is often lacking in many of todays over-edited technical works.The author punctuates his points where necessary with easily understood examples that drive the point home, and help to communicate the scope of the issue with potential impacts. Most any seasoned Nagios administrator will recognize at least variants on many of the examples he uses as incidents from their own history.One other point worthy of mentioning is that he is quite clearly not afraid of the manual administration of Nagios. There is a weird trend among some *nix administrators these days that says if you can’t click through a few forms and be done then it’s too hard. This book not only doesn’t shy away from this, it takes the time to explain why this is exactly what we don’t want.

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