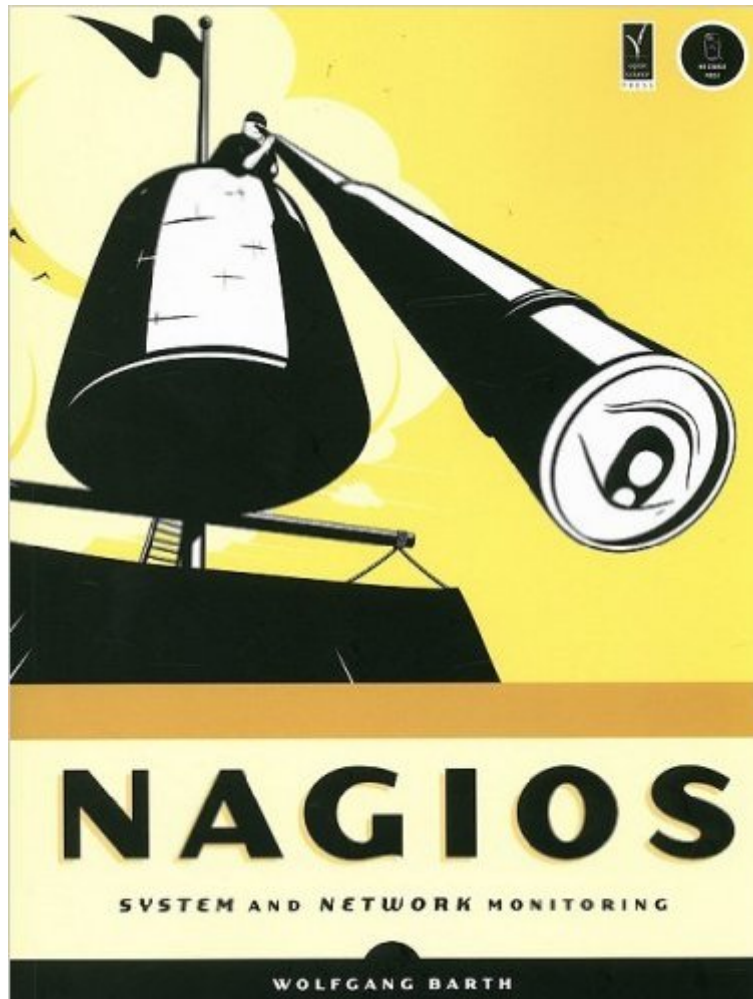


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# Nagios: System And Network Monitoring



## Synopsis

Nagios: System and Network Monitoring shows how to configure and use Nagios, an open source system and network monitoring tool. Nagios makes it possible to continuously monitor network services (SMTP, POP3, HTTP, NNTP, PING, etc.), host resources (processor load, disk and memory usage, running processes, log files, etc.), and environmental factors (such as temperature). When Nagios detects a problem, it communicates the information to the sys admin via email, pager, SMS, or other user-defined method; current status information, historical logs, and reports can also be accessed via a web browser. Nagios System and Network Monitoring covers the Nagios core, all standard Nagios plug-ins and selected third-party plug-ins, and shows readers how to write their own plug-ins. The book covers Nagios 2.0 and is backwards compatible with earlier versions.

## Book Information

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## Customer Reviews

I recently received review copies of Pro Nagios 2.0 (PN2) by James Turnbull and Nagios: System and Network Monitoring (NSANM) by Wolfgang Barth. I read PN2 first, then NSANM. Both are excellent books, but I expect potential readers want to know which is best for them. The following is a radical simplification, and I could honestly recommend readers buy either (or both) books. If you are completely new to Nagios and want a very well-organized introduction, I recommend PN2. If you are somewhat familiar with Nagios and want detailed descriptions of a wide variety of Nagios plug-ins, I recommend NSANM. NSANM strengths lie in the depth of coverage of certain elements

when compared to PN2. PN2 devotes 7 pages to host checks, while NSANM's Ch 7 offers 21 pages. PN2 supplies 8 pages on service checks, but NSANM's Ch 6 gives 46 pages. This level of detail can be very useful. For example, NSANM's explanation of check\_squid also shows to to configure Sguid to allow access to its cache manager. NSANM shares more information on certain background protocols like SNMP. PN2's SNMP section is about 7 pages, whereas NSANM's Ch 11 is 36 pages. NSANM demonstrates more aspects of Nagios' Web interface and the CGI programs generating pages. I thought author Wolfgang Barth made very effective use of diagrams, like the network topology explanation in Ch 4, the service checks in Ch 5, and notification in Ch 12. NSANM includes some material not mentioned in PN2, like using Nagios with Cygwin. Sometimes the books are very complementary, as shown by PN2's discussion of NSClient++ and NSANM's overview of NSClient and NC\_Net. NSANM is lacking coverage of security, redundancy, and failover, however. PN2 does address these critical issues.

Worldwide best coverage !!2 years back I have read the first edition and was already impressed at that stage. Now the second edition came out with majored and updated contents, wider coverage, more details and - if you want to call it that way - built-in backwards compatibility. Great care was taken to reflect any changes that had been done between Nagios version two and three. Whenever necessary, Barth's Nagios book points out those changes. As a fact I would say its one of the key features of this second edition to take the reader from the second version to the third version. This obviously includes configuration changes, migrations and testing it. The carefully documented experience of the author and his team alone make this book well worthwhile !! This goes from the time saving technics he describes, the config changes hints and tips, the migration scenario sample through the more advanced topics mentioned above like distributed monitoring, single sign-on environments, the embedded perl interpreter, all kind of databases (MySQL, PostgreSQL, Sap, Oracle) mailservers ( postfix, qmail, exim, sendmail ) etc. and the list goes on and on. The now 720p and 26 chapter strong second edition covers the advanced topics many of us have been waiting for. Just see the below highlight feature list for the big changes of the whopping 200 page additions:-  
Whats new in Nagios three (overview)- Migration / conversion from version two to three- Single-Sign on environments (Apache, Windows ...

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