nagios

OPEN-SOURCE HOST, SERVICE & NETWORK
MONITORING SOFTWARE

DEMONSTRATED WITH MAC OS 10.2.8
ON G3/450 WITH 576MB

license

- licensed under the gnu general public license v.2

overview

- designed to run on Linux, works fine on all *nix variants

- monitoring daemon runs intermittent checks on hosts, when a problem is found the daemon sends notifications

- all available via a web browser

features

- monitor network services (smtp, pop3, http, nntp, ping, etc)

- monitor host resources (processor load, disk and memory)

- simple plugin design

- able to define network host hierarchy, allowing detection and distinction between host-down and host unreachable

- contact notification via email, pager, etc

features

- external command interface

- scheduled downtime

- web interfaced problem acknowledgment

- authentication

- supports ssh

registered user profiles

# of users	423
# of monitoring host	751
# of host monitored	52,963
# of services monitored	177,078
mean # of monitoring hosts	1.8
mean # of hosts monitored	125.2
mean # of services monitored	418.6

top 5 users

# of hosts	organization	type	country
5000	iti e dataprev	government	brazil
2000	prima s.a	n/a	argentina
1350	north carolina state universiity	education	usa
1326	university of oregon	education	usa
842	discovery health	coporation	south africa

software need for os x

- jaguar (makefiles not yet available for panther)

- nagios 1.1

- nagios plugins

- libgd

- libjpeg

- libpng

- zlib (built in)

where to find it

- http://www.apple.com

- http://www.nagios.org

- http://nagiosplug.sourceforge.net

- http://boutell.com/gd/

- http://www.libpng.org

- ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz