#### **NAGIOS**

or: "What I did on my summer vacation at Rutgers University"

by Michael J. Kazin

### **NAGIOS**

- What is NAGIOS?
- What do NAGIOS do?
- Case Study: Rutgers Operations Center
- NAGIOS for non-admins
- Tricks & Tips
- Resources

#### What is NAGIOS?

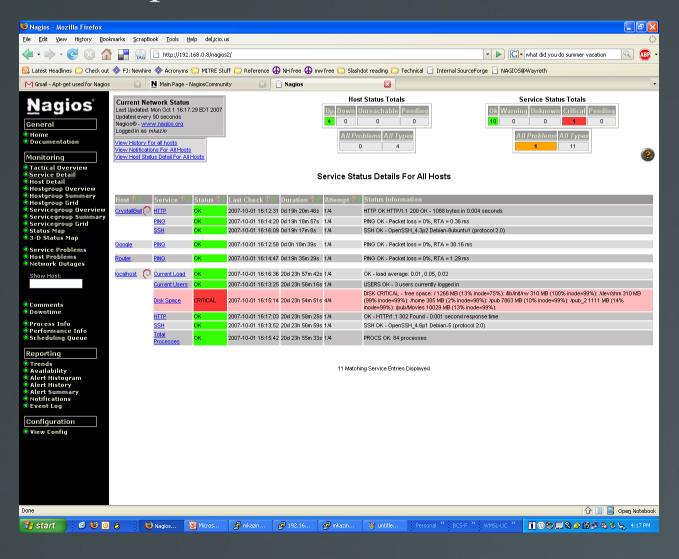
- "Nagios® is an Open Source host, service and network monitoring program." (source: nagios.org)
- Monitors:
  - Servers (ping, serial comms, disk usage, mounts, etc.)
  - Networks (routers using TCP/IP pings)
  - Services (TCP/IP connections)
  - Custom monitors

## Case Study: Rutgers Operations Ctr.

- 100's of servers; dozens of clusters/groups
- Physically distributed across NJ
- One or more services/websites per server
- Numerous customers, each with specific instructions for reporting / handling
- Organizational process management is critical!

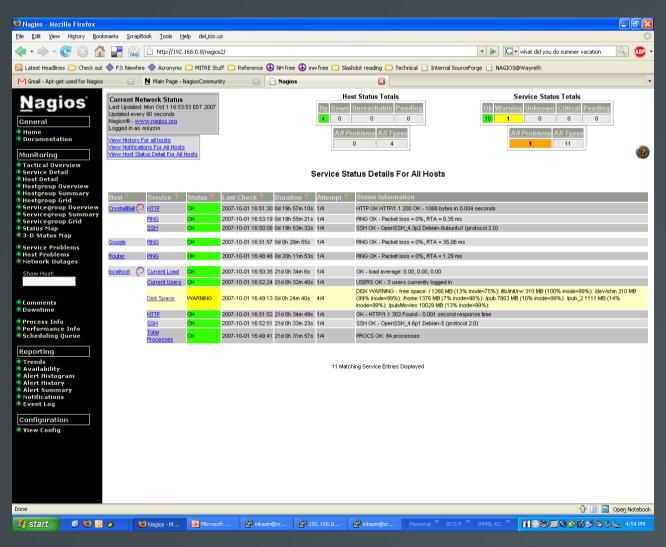
### Case study 2: personal LAN

• Uh oh! Disk space critical!



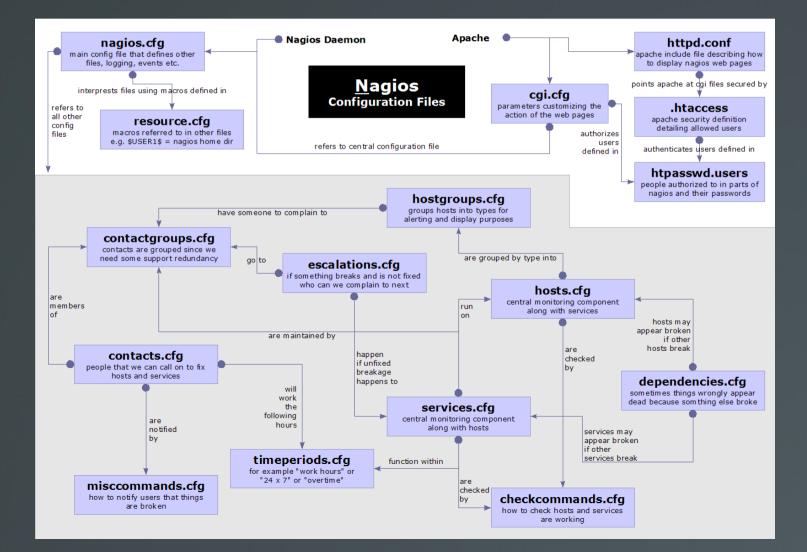
### Case study 2: personal LAN

# rm –Rf/pub/pr0n



### Configuration diagram

http://nagios.sourceforge.net/download/contrib/documentation/misc/con



#### Resources

- Project website: http://nagios.org
- Installation on various Linux flavors:
  nagioscommunity.org/wiki/index.php/Howtos:specific
- NAGIOS installation under Debian GNU/Linux: wiki.tryphon.org/How\_to\_install\_Nagios\_under\_Debian
- Nagios http site authentication:
  nagios.sourceforge.net/docs/2\_0/cgiauth.html

# Q&A

Please be gentle...

# Backup