

NOC TOOLS

nagios

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nagios

- How do you know when your routers and switches have a problem?
- How do you know if your ISP stopped working?
- *(hint: “because the customer called us and said so” is not the right answer!)*

nagios

- nagios is a tool for automatically testing whether things are working
 - servers, routers, switches
 - http server processes
 - disk space, CPU load, number of users, etc
 - anything you can write a script to check

When Things Happen

- What happens when a test fails?
 - depends on how nagios is configured
 - maybe make beeping noises
 - show red on the status screen
 - send an SMS to someone

Installing Nagios

- On FreeBSD, it is very easy
 - `cd /usr/ports/net-mgmt/nagios`
 - `make install`
- Packages are available on other platforms, too
- See <http://www.nagios.org/> for details

Configuring nagios?

- The FreeBSD port comes with default configuration, which is good enough to get it running
- Look in `/usr/local/etc/nagios/`

El Nagios

- El uses nagios to monitor student computers, to see which services are up and running
- <http://nagios.el.ws.afnog.org/nagios/>

Demonstration