

# Nagios

**Network Design and Operations**  
**24 July 2009**

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**Nagios®**



# Introduction

- A key measurement tool for actively monitoring availability of devices and services.
- Possible the most used open source network monitoring software.
- Has a web interface.
  - Uses CGIs written in C for faster response and scalability.
- Can support up to thousands of devices and services.







# Features

- Verification of availability is delegated to plugins:
  - The product's architecture is simple enough that writing new plugins is fairly easy in the language of your choice.
  - There are many, many plugins available.
- *Nagios uses parallel checking and forking.*
  - *Version 3 of Nagions does this better.*



# Features cont.

- Has intelligent checking capabilities. Attempts to distribute the server load of running Nagios (for larger sites) and the load placed on devices being checked.
- Configuration is done in simple, plain text files, but that can contain much detail and are based on templates.
- Nagios reads it's configuration from an entire directory. You decide how to define individual files.



# Yet More Features...

- Utilizes topology to determine dependencies.
  - *Nagios differentiates between what is down vs. what is not available. This way it avoids running unnecessary checks.*
- *Nagios allows you to define how you send notifications based on combinations of:*
  - *Contacts and lists of contacts*
  - *Devices and groups of devices*
  - *Services and groups of services*
  - *Defined hours by persons or groups.*
  - *The state of a service.*



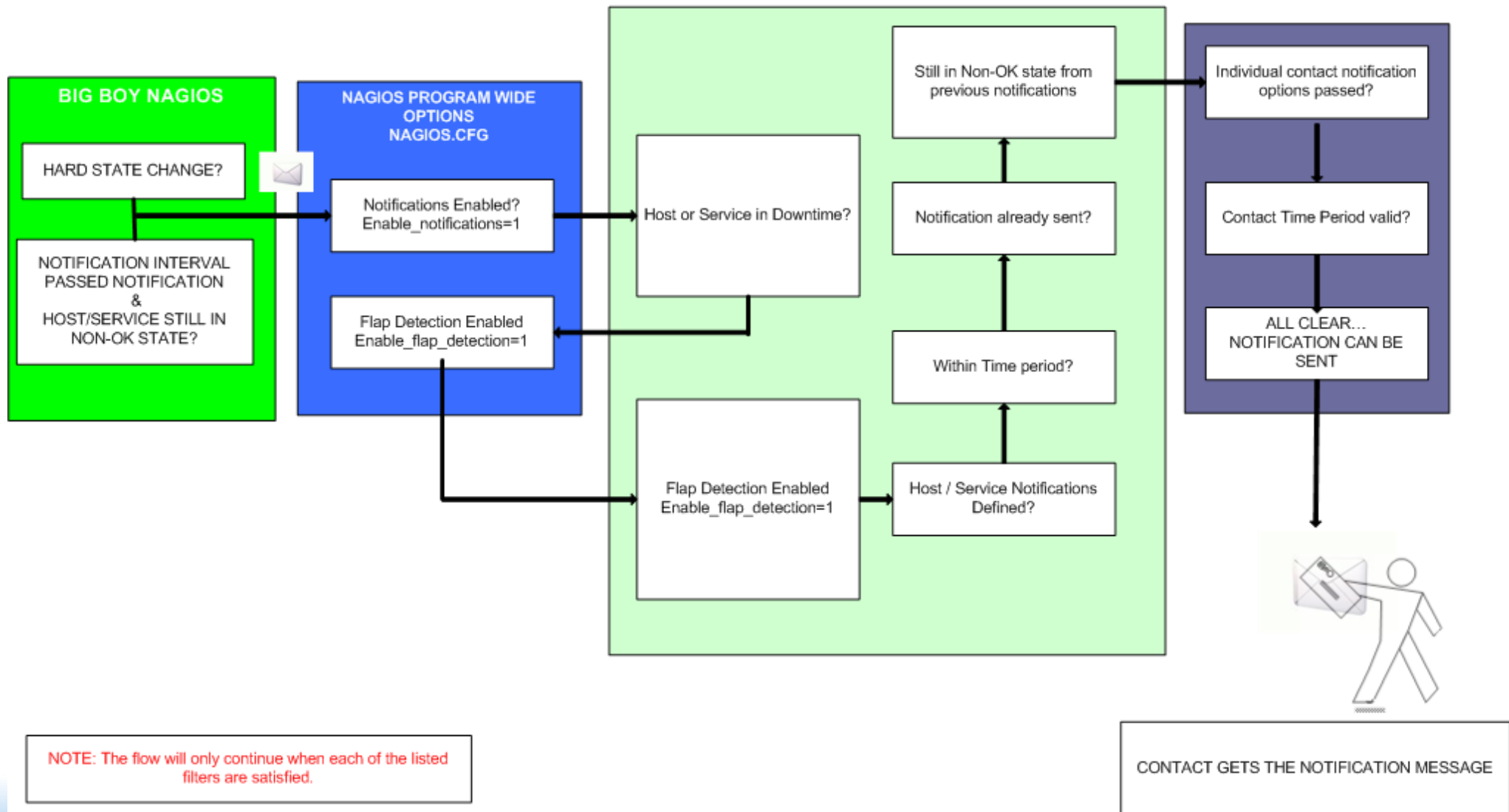
# And, even more...

## Service state:

- When configuring a service you have the following notification options:
  - **d**: DOWN: The service is down (not available)
  - **u**: UNREACHABLE: When the host is not visible
  - **r**: RECOVERY: (OK) Host is coming back up
  - **f**: FLAPPING: When a host first starts or stops or it's state is undetermined.
  - **n**: NONE: Don't send any notifications



# NAGIOS - NOTIFICATION FLOW DIAGRAM





# Features, features, features

- Allows you to acknowledge an event.
  - A user can add comments via the GUI
- You can define maintenance periods
  - By device or a group of devices
- Maintains availability statistics.
- Can detect *flapping* and suppress additional notifications.
- Allows for multiple notification methods such as:
  - e-mail, pager, SMS, winpopup, audio, etc...
- *Allows you to define notification levels. Critical feature.*



# How Checks Work

- A node/host/device consists of one or more service checks (PING, HTTP, MYSQL, SSH, etc)
- Periodically Nagios checks each service for each node and determines if state has changed. State changes are:
  - CRITICAL
  - WARNING
  - UNKNOWN
- For each state change you can assign:
  - Notification options (as mentioned before)
  - Event handlers



# How Checks Work

- Parameters
  - Normal checking interval
  - Re-check interval
  - Maximum number of checks.
  - Period for each check
- Node checks only happen when on services respond (assuming you've configured this).
  - A node can be:
    - DOWN
    - UNREACHABLE



# How Checks Work

In this manner it can take some time before a host change's its state to “down” as Nagios first does a service check and then a node check.

By default Nagios does a node check 3 times before it will change the nodes state to down.

You can, of course, change all this.



# The Concept of “Parents”

- Nodes can have parents.
  - For example, the parent of a PC connected to a switch would be the switch.
  - This allows us to specify the network dependencies that exist between machines, switches, routers, etc.
  - This avoids having Nagios send alarms when a parent does not respond.
  - A node can have multiple parents.

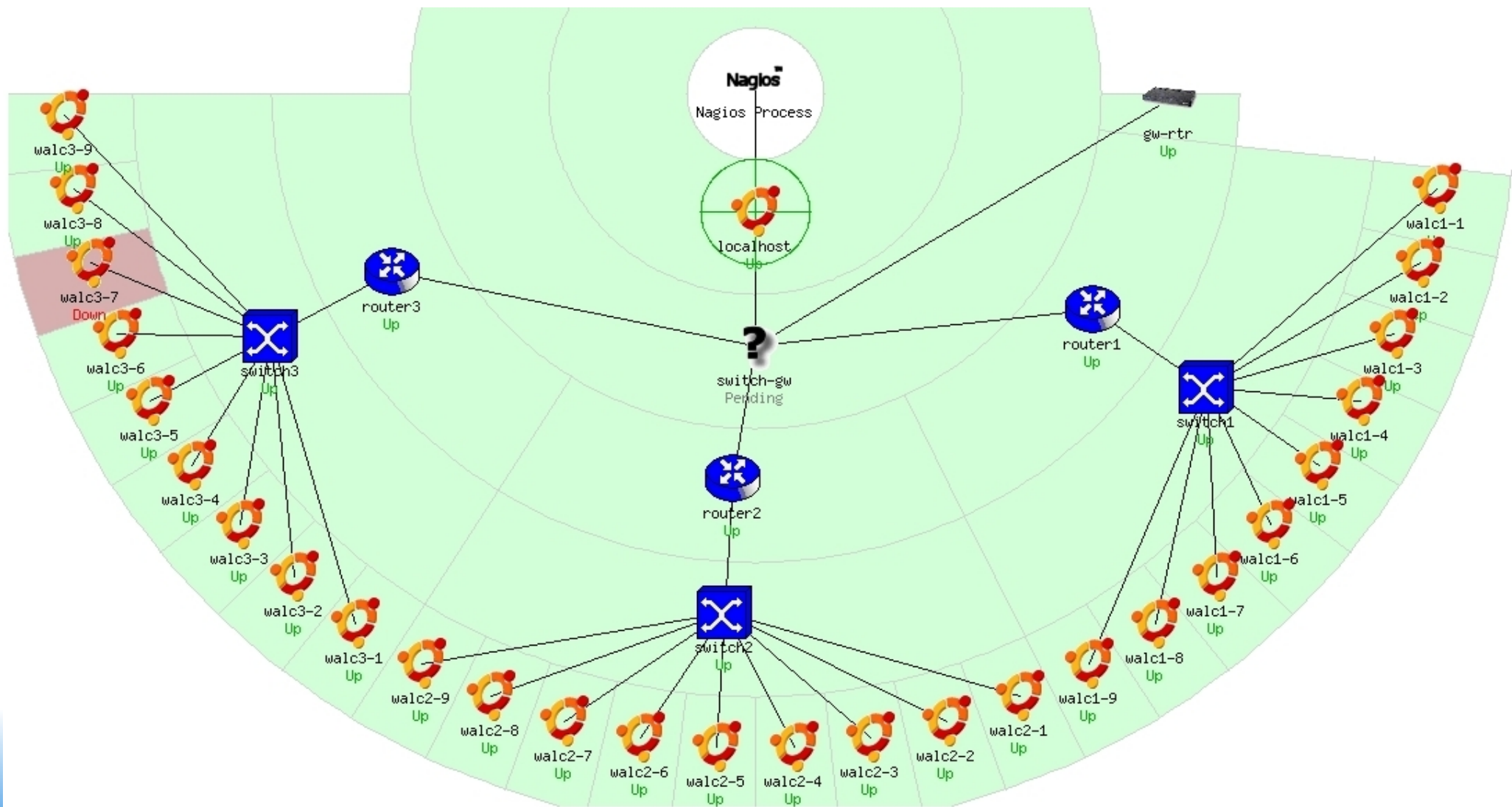


# The Idea of Network Viewpoint

- Where you locate your Nagios server will determine your point of view of the network.
- Nagios allows for parallel Nagios boxes that run at other locations on a network.
- Often it makes sense to place your Nagios server nearer the border of your network vs. in the core.

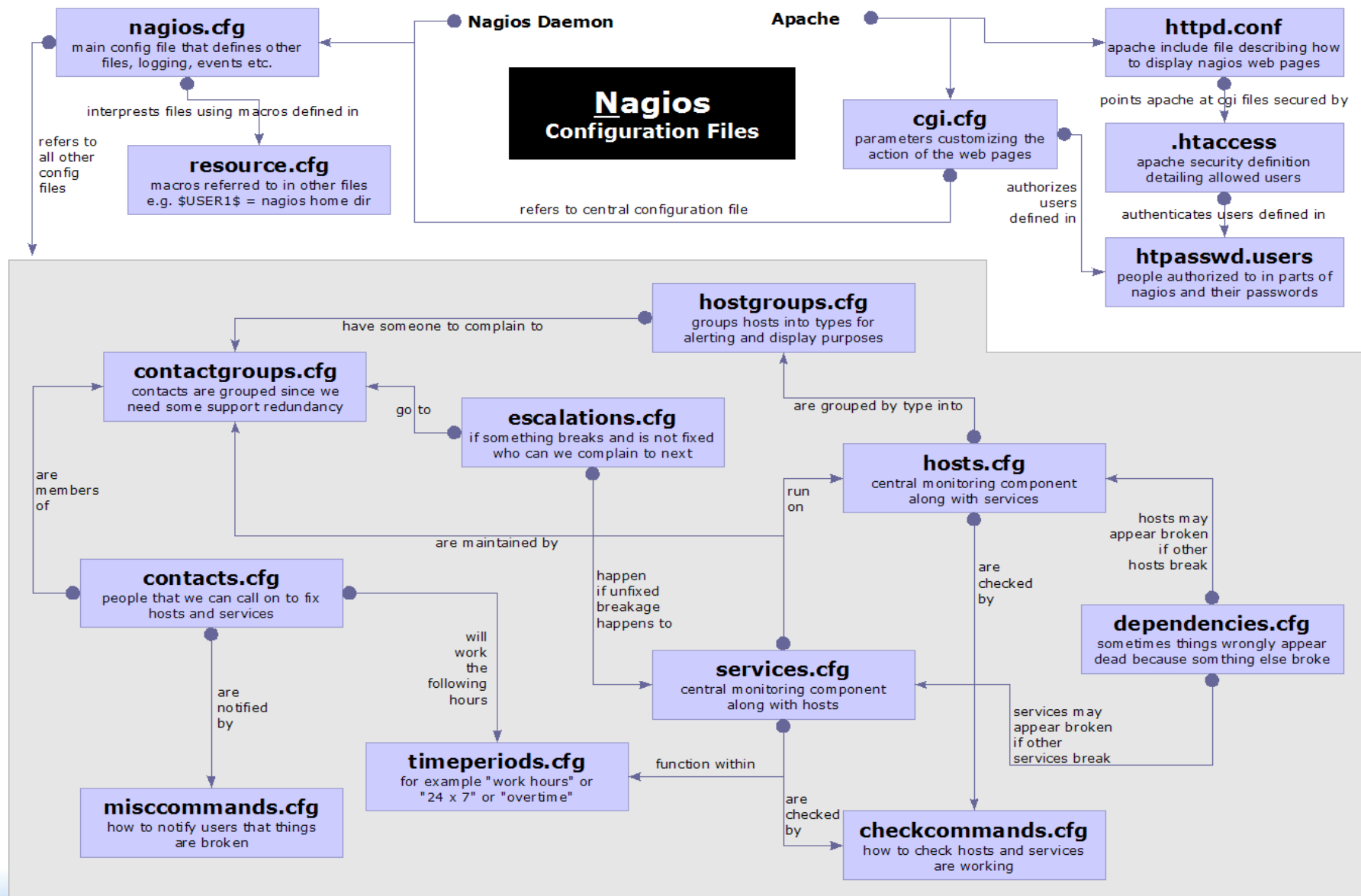


# Network Viewpoint





# Nagios Configuration Files





# Configuration Files

- Located in /etc/nagios3/
- Important files include:
  - `cgi.cfg` Controls the web interface and security options.
  - `commands.cfg` The commands that Nagios uses for notifications.
  - `nagios.cfg` Main configuration file.
  - `conf.d/*` All other configuration goes here!



# Configuration Files

## Under conf.d/\* (*sample only*)

- `contacts_nagios3.cfg` users and groups
- `generic-host_nagios2.cfg` default host template
- `generic-service_nagios2.cfg` default service template
- `hostgroups_nagios2.cfg` groups of nodes
- `services_nagios2.cfg` what services to check
- `timeperiods_nagios2.cfg` when to check and who to notify



# Configuration Files

## Under conf.d some other possible configfiles:

- `host-gateway.cfg` Default route definition
- `extinfo.cfg` Additional node information
- `servicegroups.cfg` Groups of nodes and services
- `localhost.cfg` Define the Nagios server itself
- `pcs .cfg` Sample definition of PCs (hosts)
- `switches.cfg` Definitions of switches (hosts)
- `routers.cfg` Definitions of routers (hosts)



# Plugin Configuration

The Nagios package in Ubuntu comes with a bunch of pre-installed plugins:

apt.cfg   breeze.cfg   dhcp.cfg   disk-smb.cfg  
disk.cfg   dns.cfg   dummy.cfg   flexlm.cfg  
fping.cfg   ftp.cfg   games.cfg   hppjd.cfg  
http.cfg   ifstatus.cfg   ldap.cfg   load.cfg  
mail.cfg   mrtg.cfg   mysql.cfg   netware.cfg  
news.cfg   nt.cfg   ntp.cfg   pgsql.cfg  
ping.cfg   procs.cfg   radius.cfg   real.cfg   rpc-  
nfs.cfg   snmp.cfg   ssh.cfg   tcp\_udp.cfg  
telnet.cfg   users.cfg   vsz.cfg



# Main Configuration Details

- Global settings
- File: `/etc/nagios2/nagios.cfg`
  - Says where other configuration files are.
  - General Nagios behavior:
    - For large installations you should tune the installation via this file.
    - See: *Tunning Nagios for Maximum Performance*  
[http://nagios.sourceforge.net/docs/2\\_0/tuning](http://nagios.sourceforge.net/docs/2_0/tuning)



# CGI Configuration

- Archivo: `/etc/nagios3/cgi.cfg`
  - You can change the CGI directory if you wish
  - Authentication and authorization for Nagios use.
    - Activate authentication via Apache's `.htpasswd` mechanism, or using RADIUS or LDAP.
    - Users can be assigned rights via the following variables:
      - `authorized_for_system_information`
      - `authorized_for_configuration_information`
      - `authorized_for_system_commands`
      - `authorized_for_all_services`
      - `authorized_for_all_hosts`
      - `authorized_for_all_service_commands`
      - `authorized_for_all_host_commands`



# Time Periods

- This defines the base periods that control checks, notifications, etc.
  - Defaults: 24 x 7
  - Could adjust as needed, such as work week only.
  - Could adjust a new time period for “outside of regular hours”, etc.

```
# '24x7'
define timeperiod{
    timeperiod_name 24x7
    alias            24 Hours A Day, 7 Days A Week
    sunday           00:00-24:00
    monday           00:00-24:00
    tuesday          00:00-24:00
    wednesday        00:00-24:00
    thursday         00:00-24:00
    friday           00:00-24:00
    saturday         00:00-24:00
}
```



# Configuring Service/Host Checks

Define how you are going to test a service.

```
# 'check-host-alive' command definition
define command{
    command_name    check-host-alive
    command_line    $USER1$/check_ping -H $HOSTADDRESS$ -w 2000.0,60% -c 5000.0,100%
                    -p 1 -t 5
}
```

Located in /etc/nagios-plugins/config, then adjust in /etc/nagios3/conf.d/services\_nagios2.cfg



# Notification Commands

- Allows you to utilize any command you wish. We'll do this for our generating tickets in RT.

```
# 'notify-by-email' command definition
define command{
    command_name      notify-by-email
    command_line       /usr/bin/printf "%b" "Service: $SERVICEDESC$\nHost:
$HOSTNAME$\nIn: $HOSTALIAS$\nAddress: $HOSTADDRESS$\nState:
$SERVICESTATE$\nInfo: $SERVICEOUTPUT$\nDate: $SHORTDATETIME$" | /bin/mail -s
'$NOTIFICATIONTYPE$: $HOSTNAME$/$SERVICEDESC$ is $SERVICESTATE$'
$CONTACTEMAIL$
}
```

From: nagios@nms.localdomain  
To: grupo-redes@localdomain  
Subject: Host DOWN alert for switch1!  
Date: Thu, 29 Jun 2006 15:13:30 -0700

Host: switch1  
In: Core\_Switches  
State: DOWN  
Address: 111.222.333.444  
Date/Time: 06-29-2006 15:13:30  
Info: CRITICAL - Plugin timed out after 6 seconds



# Nodes and Services Configuration

- Based on templates
  - This saves lots of time avoiding repetition
  - *Similar to Object Oriented programming*
- Create default templates with default parameters for a:
  - generic node
  - generic service
  - generic contact



# Generic Node Configuration

```
define host{
    name                generic-host
    notifications_enabled 1
    event_handler_enabled 1
    flap_detection_enabled 1
    process_perf_data    1
    retain_status_information 1
    retain_nonstatus_information 1
    check_command        check-host-alive
    max_check_attempts   5
    notification_interval 60
    notification_period   24x7
    notification_options  d,r
    contact_groups        nobody
    register              0
}
```



# Individual Node Configuration

```
define host{  
    use                generic-host  
    host_name          switch1  
    alias              Core_switches  
    address            192.168.1.2  
    parents            router1  
    contact_groups     switch_group  
}
```



# Generic Service Configuration

```
define service{
    name                generic-service
    active_checks_enabled 1
    passive_checks_enabled 1
    parallelize_check     1
    obsess_over_service   1
    check_freshness       0
    notifications_enabled 1
    event_handler_enabled 1
    flap_detection_enabled 1
    process_perf_data     1
    retain_status_information 1
    retain_nonstatus_information 1
    is_volatile           0
    check_period          24x7
    max_check_attempts    5
    normal_check_interval 5
    retry_check_interval  1
    notification_interval 60
    notification_period    24x7
    notification_options   c,r
    register              0
}
```



# Individual Service Configuration

```
define service{  
    host_name          switch1  
    use                generic-service  
    service_description PING  
    check_command      check-host-alive  
    max_check_attempts 5  
    normal_check_interval 5  
    notification_options c,r,f  
    contact_groups      switch-group  
}
```



# Automation

- To maintain large configurations by hand becomes tiresome.
  - It's better to simplify and automate using scripts.
    - <http://ns.uoregon.edu/~cvicente/download/nagios-config-s>
    - Or, export device (node) information from tools like Netdot, netdisco, OpenNMS, etc.



# Beeper/SMS Messages

- It's important to integrate Nagios with something available outside of work
  - Problems occur after hours... (unfair, but true)
- A critical item to remember: an SMS or message system should be independent from your network.
  - You can utilize a modem and a telephone line
  - Packages like sendpage or qpage can help.



# Some References

- <http://www.nagios.org>: Nagios web site
- <http://sourceforge.net/projects/nagiosplug>: Nagios plugins site
- *Nagios. System and Network Monitoring* by Wolfgang Barth. Good book on Nagios
- <http://www.nagiosexchange.org>: Unofficial Nagios plugin site
- <http://www.debianhelp.co.uk/nagios.htm>: A Debian tutorial on Nagios
- <http://www.nagios.com/>: Commercial Nagios support

And, the O'Reilly book you received in class!





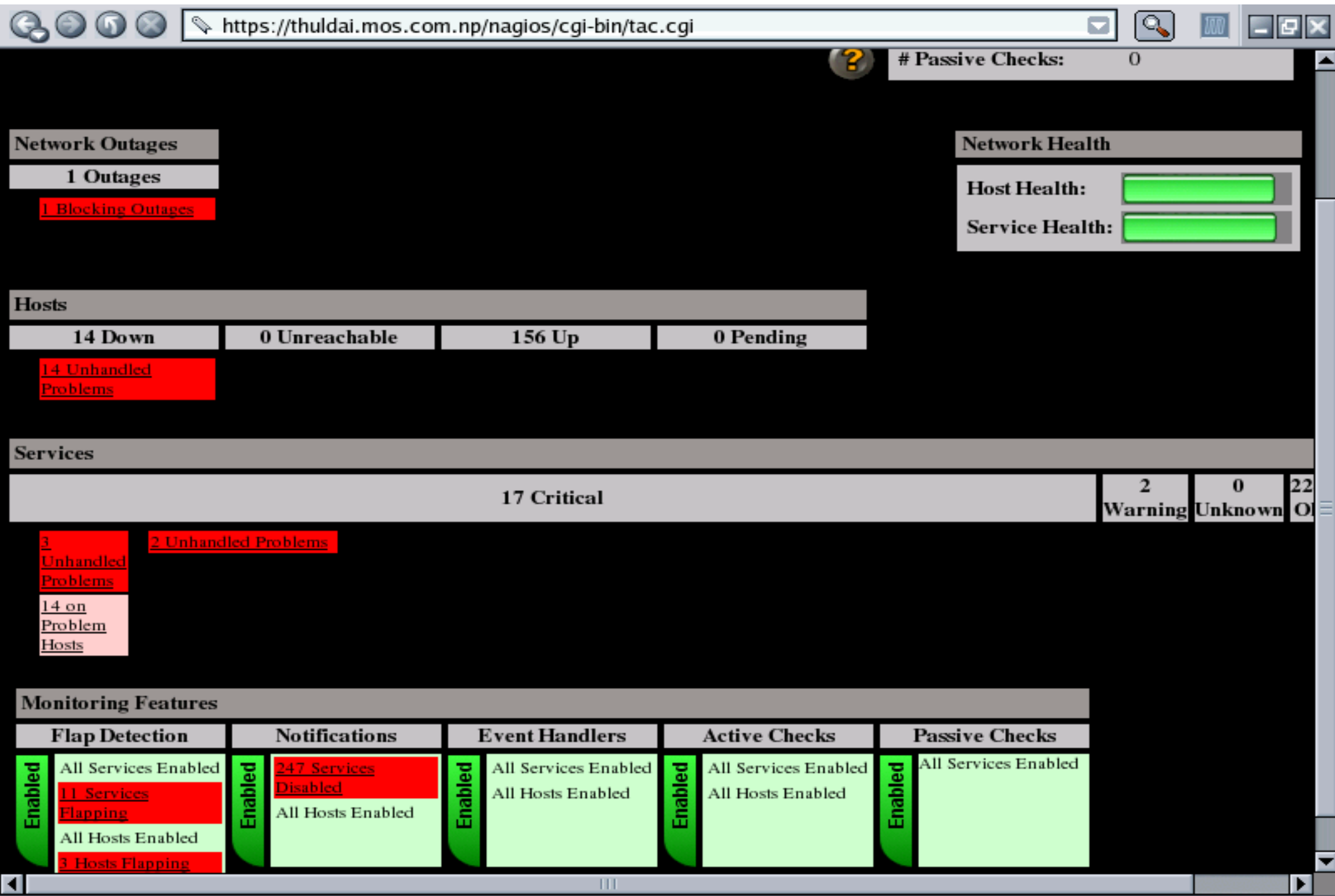
## Reference Slides

Dhruba Raj  
Bhandari, CCNA

Additions by Phil Regnault  
[bhandari.dhruba@scp.com.np](mailto:bhandari.dhruba@scp.com.np)



# Nagios – Vista General (Tactical Overview)





- Pantalla de Status Detail

https://thuldai.mos.com.np/nagios/index.html

# Nagios®

## General

- Home
- Documentation

## Monitoring

- Tactical Overview
- Service Detail
- Host Detail
- Status Overview
- Status Summary
- Status Grid
- Status Map
- 3-D Status Map
- Service Problems
- Host Problems**
- Network Outages
- Comments
- Downtime
- Process Info
- Performance Info
- Scheduling Queue

## Reporting

- Trends
- Availability
- Alert Histogram
- Alert History
- Alert Summary
- Notifications

**Current Network Status**  
 Last Updated: Sun Feb 1 12:17:48 NPT 2004  
 Updated every 90 seconds  
 Nagios® - [www.nagios.org](http://www.nagios.org)  
 Logged in as dhruba

[View Service Status Detail For All Host Groups](#)  
[View Status Overview For All Host Groups](#)  
[View Status Summary For All Host Groups](#)  
[View Status Grid For All Host Groups](#)

**Host Status Totals**

Up	Down	Unreachable	Pending
155	15	0	0

[All Problems](#)   [All Types](#)

15	170
----	-----

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
226	5	0	16	0

[All Problems](#)   [All Types](#)

21	247
----	-----

**Display Filters:**

Host Status Types: All problems  
 Host Properties: Any  
 Service Status Types: All  
 Service Properties: Any

**Host Status Details For All Host Groups**

Host ↑↓	Status ↑↓	Last Check ↑↓	Duration ↑↓	Status Information
<a href="#">CHILDREN-FIRST</a>	DOWN	02-01-2004 12:13:59	1d 19h 10m 33s	PING CRITICAL - Packet loss = 100%
<a href="#">DANIDA</a>	DOWN	02-01-2004 12:15:55	1d 0h 43m 12s	PING CRITICAL - Packet loss = 100%
<a href="#">DASS</a>	DOWN	02-01-2004 12:08:59	4d 0h 40m 42s	PING CRITICAL - Packet loss = 100%
<a href="#">FNCCI</a>	DOWN	02-01-2004 12:12:38	4d 0h 40m 2s	PING CRITICAL - Packet loss = 100%
<a href="#">ITLINK</a>	DOWN	02-01-2004 12:15:55	0d 1h 37m 12s	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	DOWN	02-01-2004 12:12:38	4d 0h 38m 53s	PING CRITICAL - Packet loss = 100%



# Pantalla de Service Detail

Current Service Status - Mozilla

File Edit View Go Bookmarks Tools Window Help

←

→

↶

✕

<https://thuldai.mos.com.np/nagios/cgi-bin/status.cgi?host=all>

Search

**Current Network Status**  
 Last Updated: Sun Feb 1 09:57:47 NPT 2004  
 Updated every 90 seconds  
 Nagios® - [www.nagios.org](http://www.nagios.org)  
 Logged in as *dhruba*

[View History For all hosts](#)  
[View Notifications For All Hosts](#)  
[View Host Status Detail For All Hosts](#)

**Host Status Totals**

Up	Down	Unreachable	Pending
155	15	0	0

All Problems	All Types
15	170

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
228	3	0	16	0

All Problems	All Types
19	247

?

**Service Status Details For All Hosts**

Host ↑↓	Service ↑↓	Status ↑↓	Last Check ↑↓	Duration ↑↓	Attempt ↑↓	Status Information
<a href="#">ACTIONAID</a>	<a href="#">Ping</a>	OK	02-01-2004 09:53:07	0d 12h 20m 9s	1/3	PING OK - Packet loss = 0%, RTA = 2ms
<a href="#">AFP</a>	<a href="#">Ping</a>	OK	02-01-2004 09:55:38	0d 13h 40m 29s	1/3	PING OK - Packet loss = 0%, RTA = 1ms
<a href="#">AGNIPAGE</a>	<a href="#">Ping</a>	OK	02-01-2004 09:55:27	0d 0h 0m 59s	1/3	PING OK - Packet loss = 0%, RTA = 1ms
<a href="#">BRTSCHOOL</a>	<a href="#">Ping</a>	OK	02-01-2004 09:54:06	1d 18h 7m 39s	1/3	PING OK - Packet loss = 0%, RTA = 8ms
<a href="#">Ban-cat</a>	<a href="#">Ping</a>	OK	02-01-2004 09:56:11	0d 22h 44m 39s	1/3	PING OK - Packet loss = 0%, RTA = 1ms

Transferring data from thuldai.mos.com.np...

Current S

[root@dhr

?

Sun Feb 01, 9:26 PM



# Tipos de Servicios

Current Service Status - Mozilla

File Edit View Go Bookmarks Tools Window Help

https://thuldai.mos.com.np/nagios/cgi-bin/status.cgi?host=all Search

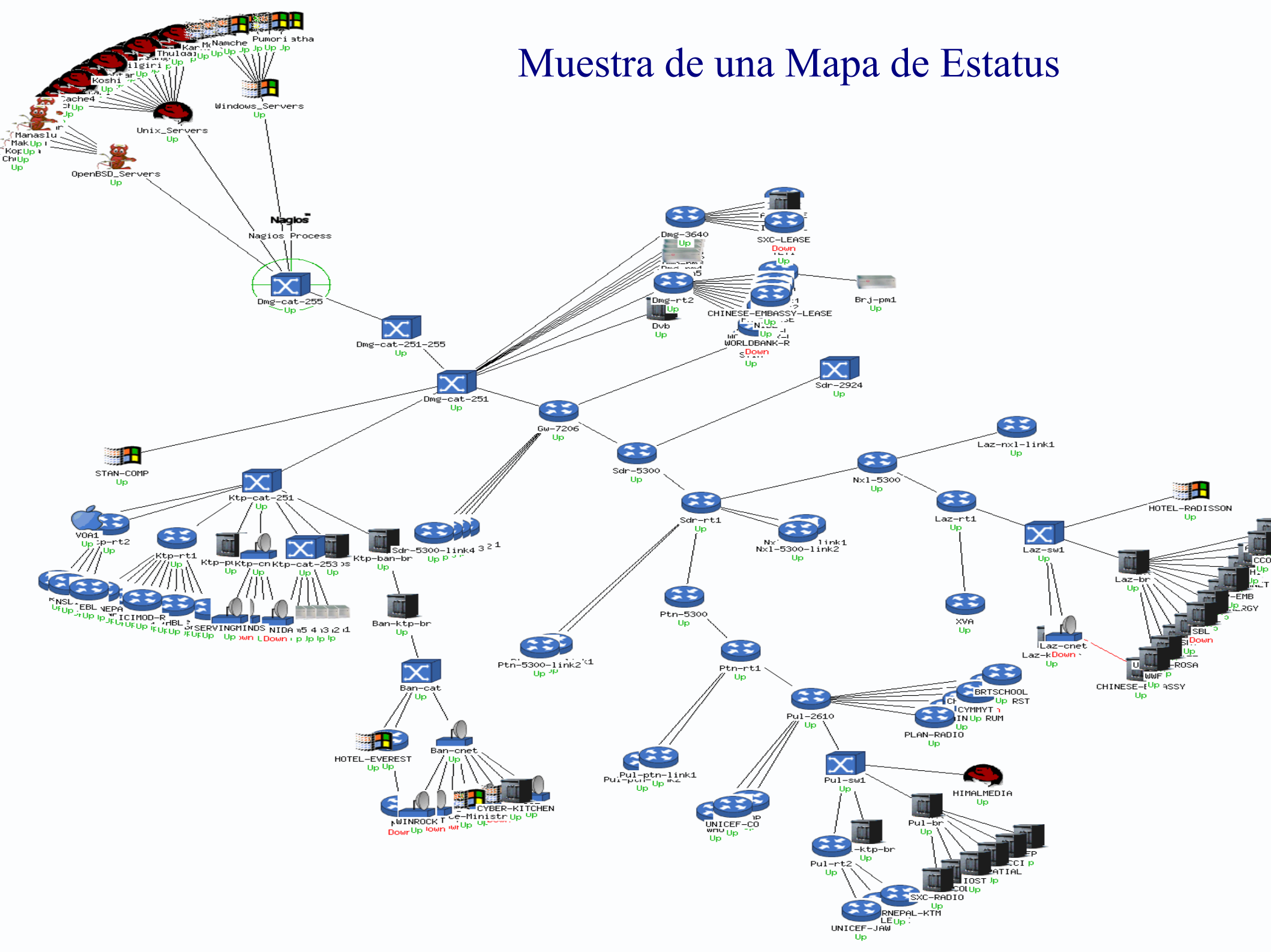
Host	Service	Status	Time	Uptime	Version	Output
Kailash	Cpu-usage	OK	02-01-2004 10:21:58	3d 22h 48m 34s	1/3	SNMP OK: usr-cpu:1, sys-cpu:1,
	FTP	OK	02-01-2004 10:23:48	3d 22h 46m 38s	1/3	FTP OK - 0.007 second response time port 21 [220 kailash.mos.com.np FTP server ready.]
	Free-Memory	OK	02-01-2004 10:22:15	3d 22h 48m 34s	1/3	SNMP OK: Ram-Free:3100,
	HTTP	OK	02-01-2004 10:22:59	3d 22h 46m 38s	1/3	HTTP ok: HTTP/1.1 200 OK - 0.021 second response time
	Load	OK	02-01-2004 10:25:17	3d 22h 48m 34s	1/3	SNMP OK: 1MIN-Load:0.08, 5MIN-Load:0.05, 15MIN-Load:0.00,
	Ping	OK	02-01-2004 10:25:07	0d 5h 7m 33s	1/3	PING OK - Packet loss = 0%, RTA = 0 ms
	disk_usage	OK	02-01-2004 10:22:51	3d 22h 48m 34s	1/3	Disk utilization: All disks OK
Karnali	Ping	OK	02-01-2004 10:25:58	0d 17h 48m 53s	1/3	PING OK - Packet loss = 0%, RTA = 1 ms
Kopila	Cpu-usage	OK	02-01-2004 10:24:07	3d 22h 48m 34s	1/3	SNMP OK: usr-cpu:0, sys-cpu:1,
	Free-Memory	OK	02-01-2004 10:22:51	3d 22h 46m 38s	1/3	SNMP OK: Ram-Free:3808,
	Load	OK	02-01-2004 10:22:18	3d 22h 48m 34s	1/3	SNMP OK: 1MIN-Load:0.18, 5MIN-Load:0.19, 15MIN-Load:0.18,
	POP	OK	02-01-2004 10:23:07	3d 22h 46m 38s	1/3	POP OK - 0.028 second response time port 110 [+OK <8832.1075610415@kopila.mos.com
	Ping	OK	02-01-2004 10:25:58	3d 15h 7m 15s	1/3	PING OK - Packet loss = 0%, RTA = 1 ms
Koshi	Ping	OK	02-01-2004 10:22:37	1d 13h 37m 43s	1/3	PING OK - Packet loss = 0%, RTA = 9 ms

Done

Mozilla-bi [root@dhr] Sun Feb 01, 9:56 PM



# Muestra de una Mapa de Estatus







# Vista General de Estatus (Status Overview)



[All Routers @Durbar Marg-KTM \(Routers@DMG\)](#)

Host	Status	Services	Actions
<a href="#">Dmg-3640</a>	UP	<a href="#">1 OK</a>	
<a href="#">Dmg-rt2</a>	UP	<a href="#">1 OK</a>	
<a href="#">Gw-7206</a>	UP	<a href="#">1 OK</a>	

[All Routers @Kantipath-KTM \(Routers@KP\)](#)

Host	Status	Services	Actions
<a href="#">Ktp-rt1</a>	UP	<a href="#">1 OK</a>	
<a href="#">Ktp-rt2</a>	UP	<a href="#">1 OK</a>	


[All Routers @Lazim](#)

Host	Status	Serv
<a href="#">Laz-nxl-link1</a>	UP	<a href="#">1 OK</a>
<a href="#">Laz-rt1</a>	UP	<a href="#">1 OK</a>

[All Routers @POPs w/ Lease Link \(Routers@POPsL\)](#)

Host	Status	Services	Actions
<a href="#">Bri-gw</a>	UP	<a href="#">1 OK</a>	
<a href="#">Bri-gw</a>	UP	<a href="#">1 OK</a>	
<a href="#">Bri-link1</a>	UP	<a href="#">1 OK</a>	
<a href="#">Bri-link2</a>	UP	<a href="#">1 OK</a>	
<a href="#">Htd-lease</a>	DOWN	<a href="#">1 CRITICAL</a>	

[All Routers @POPs w/ VSAT Link \(Routers@POPsV\)](#)

Host	Status	Services	Actions
<a href="#">Brj-2501</a>	UP	<a href="#">1 OK</a>	
<a href="#">Btl-vsai</a>	UP	<a href="#">1 OK</a>	
<a href="#">Htd-vsai</a>	UP	<a href="#">1 WARNING</a>	
<a href="#">Nam-gw</a>	UP	<a href="#">1 OK</a>	


[All Routers @Sundh](#)

Host	Status	Services
<a href="#">Ptn-rt1</a>	UP	<a href="#">1 OK</a>



[All Routers @Pulchowk-KTM \(Routers@PUL\)](#)

Host	Status	Services	Actions
<a href="#">Pul-2610</a>	UP	<a href="#">1 OK</a>	
<a href="#">Pul-ptn-link1</a>	UP	<a href="#">1 OK</a>	
<a href="#">Pul-ptn-link2</a>	UP	<a href="#">1 OK</a>	
<a href="#">Pul-rt2</a>	UP	<a href="#">1 OK</a>	

[All Routers @Sundhara \(Routers@SDR\)](#)

Host	Status	Services	Actions
<a href="#">Sdr-rt1</a>	UP	<a href="#">1 OK</a>	

[All Routers @Xpressway](#)  
(Routers@X)

Host	Status
<a href="#">AGNIPAGE</a>	
<a href="#">BRTSCHOOL</a>	



# Vista Sumaria de Hostgroups

https://thuldai.mos.com.np/nagios/cgi-bin/status.cgi?hostgroup=all&style=summary		
Status Summary For All Host Groups		
Host Group	Host Status Totals	Service Status Totals
<a href="#">Access Servers@KTM (AS@KTM)</a>	11 UP	11 OK
<a href="#">All Routers @KTM (Routers@KTM)</a>	7 UP	7 OK
<a href="#">All Routers @MIX Customers w/ Radio Link (Routers@MIXR)</a>	1 UP	1 OK
<a href="#">All Routers @Xpreway Customers w/ Radio Link (Routers@XprewayR)</a>	19 UP 1 DOWN	19 OK 1 CRITICAL
<a href="#">All Routers @Xpreway Customers w/ Radio Link (Cnet Clients@XprewayR)</a>	6 UP 4 DOWN	5 OK 5 CRITICAL
<a href="#">All Cnets @KTM (Cnets@KTM)</a>	2 UP 1 DOWN	2 OK 1 CRITICAL
<a href="#">All Co-located Servers (Co-locators)</a>	2 UP	2 OK
<a href="#">Ipricot DVB @DMG (DVB@DMG)</a>	1 UP	1 OK
<a href="#">All Email-alert-only Boxes (E-boxes)</a>	1 UP	1 OK
<a href="#">All Livingston Portmasters @Kathmandu (Portmasters@KTM)</a>	10 UP	10 OK
<a href="#">All Livingston Portmasters @MC-POPs (Portmasters@POPs)</a>	1 UP	1 WARNING
<a href="#">All Routers @Baneshor (Routers@BAN)</a>	1 UP	1 OK
<a href="#">All Routers @Durbar Marg-KTM (Routers@DMG)</a>	3 UP	3 OK
<a href="#">All Routers @Kantipath-KTM (Routers@KP)</a>	2 UP	2 OK
<a href="#">All Routers @Lazimpat (Routers@LAZ)</a>	2 UP	2 OK
<a href="#">All Routers @POPs w/ Lease Link (Routers@POPsl)</a>	4 UP 1 DOWN	4 OK 1 CRITICAL

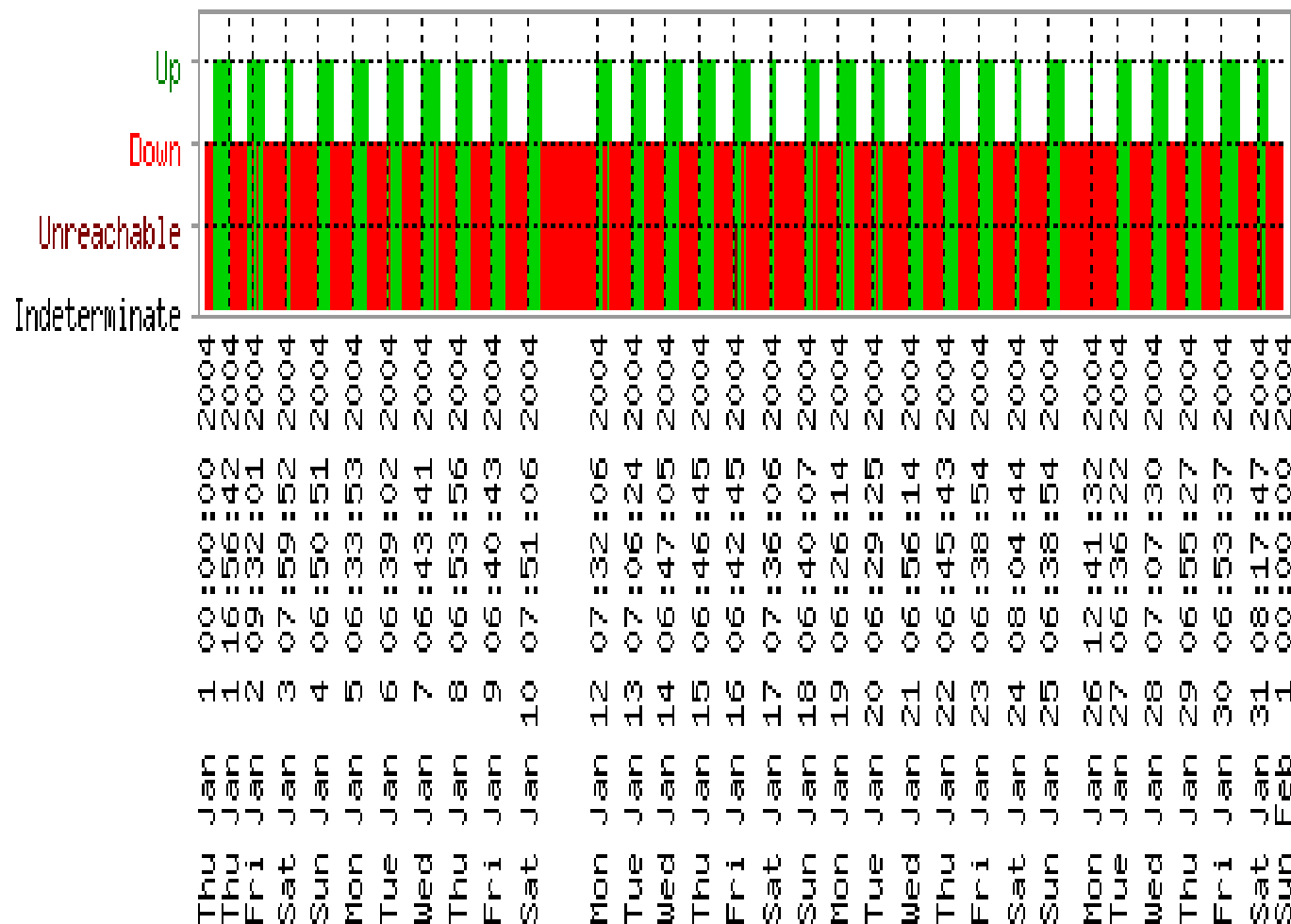


# Historia o Tendencias de Hosts

*Apn*  
Trends

State History For Host 'Don\_Bosco'

Thu Jan 1 00:00:00 2004 to Sun Feb 1 00:00:00 2004



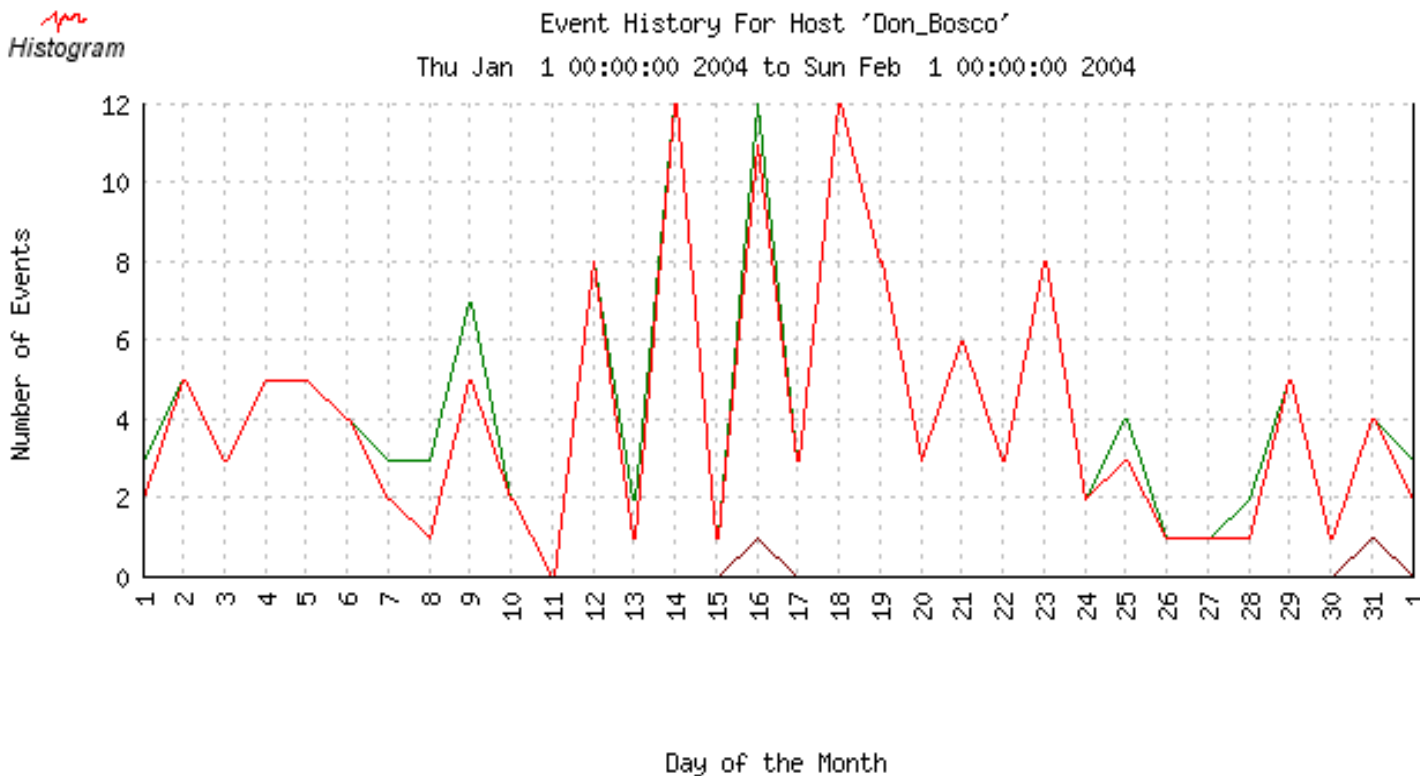
## State Breakdowns:

Up : (32.6%) 10d 2h 21m 41s  
 Down : (67.1%) 20d 19h 17m 27s  
 Unreachable : (0.3%) 0d 2h 5m 12s  
 Indeterminate: (0.0%) 0d 0h 15m 40s





# Histogram de un Host



EVENT TYPE	MIN	MAX	SUM	AVG
Recovery (Up):	0	12	138	4.45
Down:	0	12	128	4.13
Unreachable:	0	1	2	0.06





# Event Logs



## Current Event Log

Last Updated: Sun Feb 1 12:15:31 NPT 2004  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *dhruba*

Latest  
Archive



## Log File Navigation

Sun Feb 1 00:00:00  
NPT 2004  
to  
Present..

☐ Older Entries First:

Update



File: /usr/local/nagios/var/nagios.log

**February 01, 2004 12:00**

- [02-01-2004 12:14:28] HOST NOTIFICATION: Amod;WORLDBANK-R;DOWN;host-notify-by-email;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:28] HOST NOTIFICATION: Amod;WORLDBANK-R;DOWN;host-notify-by-epager;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:28] HOST NOTIFICATION: DeepakA;WORLDBANK-R;DOWN;host-notify-by-epager;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:28] HOST NOTIFICATION: Krishna;WORLDBANK-R;DOWN;host-notify-by-epager;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:27] HOST NOTIFICATION: NirajS;WORLDBANK-R;DOWN;host-notify-by-email;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:27] HOST NOTIFICATION: Prabhu;WORLDBANK-R;DOWN;host-notify-by-epager;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:27] HOST NOTIFICATION: Ravin;WORLDBANK-R;DOWN;host-notify-by-email;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:27] HOST NOTIFICATION: Ravin;WORLDBANK-R;DOWN;host-notify-by-epager;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:14:27] HOST NOTIFICATION: Upendra;WORLDBANK-R;DOWN;host-notify-by-email;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:12:16] SERVICE ALERT: SDC;Ping;WARNING;HARD;1;PING WARNING - Packet loss = 60%, RTA = 23.73 ms
- [02-01-2004 12:12:16] HOST ALERT: SDC;DOWN;HARD;1;PING CRITICAL - Packet loss = 100%
- [02-01-2004 12:11:09] SERVICE ALERT: Htd-vsats;Ping;WARNING;HARD;3;PING WARNING - Packet loss = 40%, RTA = 674.22 ms
- [02-01-2004 12:10:26] SERVICE ALERT: Htd-lease;Ping;WARNING;HARD;3;PING WARNING - Packet loss = 40%, RTA = 385.85 ms
- [02-01-2004 12:08:58] SERVICE FLAPPING ALERT: WORLDBANK-R;Ping;STOPPED; Service appears to have stopped flapping (3.8% change < 5.0% threshold)
- [02-01-2004 12:08:49] HOST NOTIFICATION: Gyanu;Htd-lease;UP;host-notify-by-email;PING OK - Packet loss = 30%, RTA = 357.24 ms
- [02-01-2004 12:08:48] HOST NOTIFICATION: Ishwar;Htd-lease;UP;host-notify-by-email;PING OK - Packet loss = 30%, RTA = 357.24 ms
- [02-01-2004 12:08:48] HOST NOTIFICATION: Kedar;Htd-lease;UP;host-notify-by-epager;PING OK - Packet loss = 30%, RTA = 357.24 ms
- [02-01-2004 12:08:48] HOST NOTIFICATION: MSurya;Htd-lease;UP;host-notify-by-email;PING OK - Packet loss = 30%, RTA = 357.24 ms



# Quien Recibe Notificaciones

https://thuldai.mos.com.np/nagios/cgi-bin/notifications.cgi?contact=all

## Contact Notifications

Last Updated: Sun Feb 1 12:07:59 NPT 2004  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *dhruba*

## All Contacts

### Log File Navigation

Sun Feb 1 00:00:00  
NPT 2004  
to  
Present..

Latest  
Archive



Notification detail level for all contacts:

All notifications

Older Entries First:

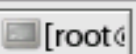
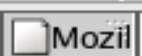
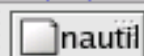


Update



File: /usr/local/nagios/var/nagios.log

Host	Service	Type	Time	Contact	Notification Command	Information
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:12	<a href="#">Amod</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:12	<a href="#">Amod</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:11	<a href="#">DeepakA</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:11	<a href="#">Krishna</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:11	<a href="#">NirajS</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:11	<a href="#">Prabhu</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:11	<a href="#">Ravin</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:10	<a href="#">Ravin</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">WORLDBANK-R</a>	N/A	HOST DOWN	02-01-2004 11:13:08	<a href="#">Upendra</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:49	<a href="#">Amod</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:49	<a href="#">Amod</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:49	<a href="#">DeepakA</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:49	<a href="#">Krishna</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:49	<a href="#">Prabhu</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:48	<a href="#">Ravin</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:48	<a href="#">Ravin</a>	<a href="#">host-notify-by-epager</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Laz-cnet</a>	N/A	HOST DOWN	02-01-2004 11:07:48	<a href="#">Upendra</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Htd-lease</a>	N/A	HOST DOWN	02-01-2004 10:56:06	<a href="#">Gyanu</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%
<a href="#">Htd-lease</a>	N/A	HOST DOWN	02-01-2004 10:56:06	<a href="#">Ishwar</a>	<a href="#">host-notify-by-email</a>	PING CRITICAL - Packet loss = 100%



Sun Feb 01, 11:37 PM