

# Gerenciamento de redes usando Nagios

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# Agenda

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- # Motivação
  - # Ferramentas de monitoração de rede
  - # Diferenças entre algumas ferramentas de monitoração de rede.
  - # Nagios: conceitos gerais
  - # Nagios: Centro de monitoração, plugins, agents
  - # Nagios: Grupos de alerta, níveis de alerta
  - # Implantação de Nagios na rede da Canbras
  - # Q & A
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# Motivação

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- # Expansão da gerência de rede
    - Forma pró-ativa
    - Automatizar check-ups de rotina
  - # Eventos “suspeitos”
    - Cabos “soltos”
    - “Flaps misteriosos” de links redundantes
    - Servidores que “somem”
    - Diretórios que “somem”
    - Comentários que aparecem no crontab “misteriosamente”
  - # Localizar falhas de serviços de forma mais eficiente
-

# Ferramentas de monitoração de redes

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## # Free

- Nagios
- MRTG
- NTop

## # Comerciais

- Bigbrother
  - Tivoli
  - Sniffer
-

# Algumas diferenças entre ferramentas de monitoração

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- # Vários métodos são empregados para monitoração de redes, que diferem quanto ao método de coleta de dados:
    - Coleta no meio físico: ou “no fio”.
    - Coleta por terceiros: SNMP.
    - Coleta por conexão fim-a-fim: o Nagios é um exemplo típico.
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# Nagios: conceitos gerais

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- # É voltado para monitoração de aplicações ou condições de recursos computacionais.
  - # Usa RDB para armazenar informações.
  - # Pode alertar administradores ou grupos de administração por alguns métodos (por exemplo email).
  - # Pode gerar estatísticas diversas: número de outages, porcentagem de outages de um determinado período.
  - # Pode gerar um mapa da rede monitorada.
  - # Aplicação web-based.
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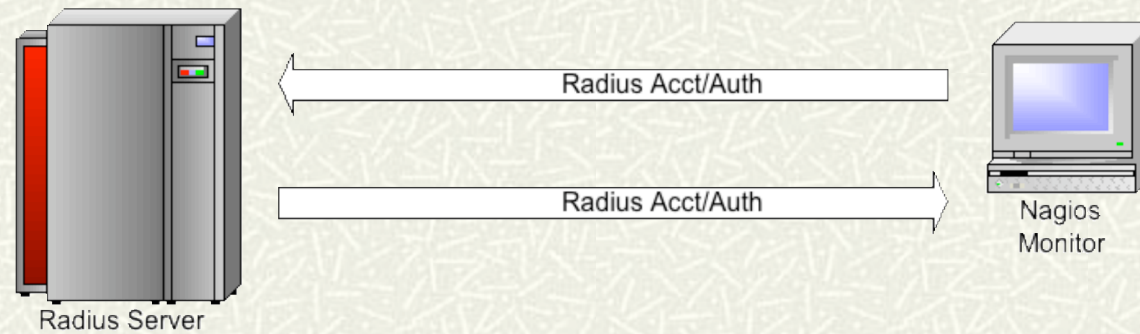
# Centro de monitoração, plugins, agents

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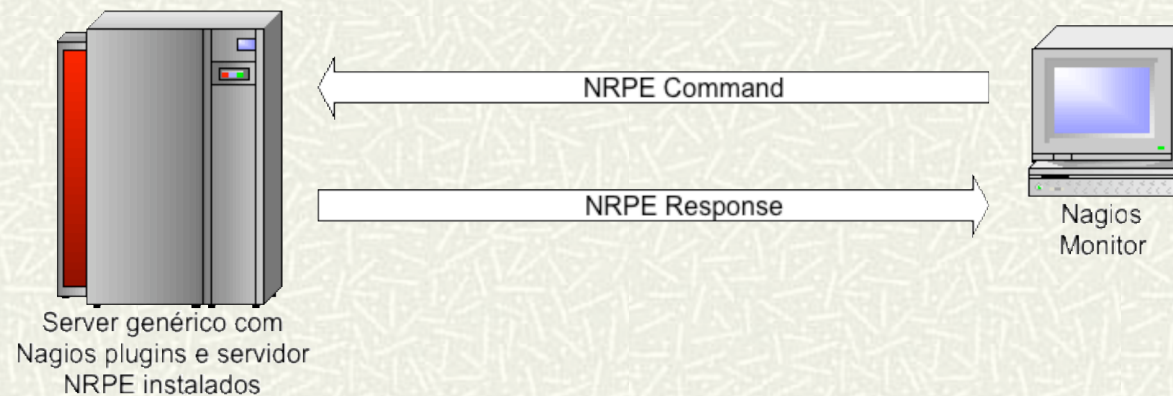
- # O centro de monitoração enxerga cada componente a ser monitorado.
  - # Plugins simulam uma situação real de acesso ao serviço.
  - # Agents coletam dados internos de aplicações para enviar para o centro de monitoração.
-

# Ambiente Nagios Padrão

## Rodando plugins localmente



## Rodando plugins remotamente





# Notificações

- # OK
- # Unknown
- # Warning
- # Critical

## Notificação de state



# Grupos de alerta, níveis de alerta

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- # Não existe um limite para grupos de alerta, podemos criar grupos específicos como “segurança”, “net-admin”, “bd-admin”, “infraestrutura”, “diretoria” e incluir ou não em um alerta de serviço determinado.
  - # Níveis de alerta: critical e warning. Pode ser customizado.
-

# Grupos de contato

**Configuration**  
Last Updated: Fri Apr 16 16:41:14 BRST 2004  
Nagios@ - [www.nagios.org](http://www.nagios.org)  
Logged in as *edgar*

**Object Type:**  
Contacts  
Update

### Contacts

Contact Name	Alias	Email Address	Pager Address/Number	Service Notification Options	Host Notification Options	Service Notification Period	Host Notification Period	Service Notification Commands	Host Notification Commands
cmts	CMTS NOC	<a href="mailto:cmnts@canbras.com.br">cmnts@canbras.com.br</a>		Unknown, Warning, Critical, Recovery	Down, Unreachable, Recovery	24x7	24x7	notify-by-email	host-notify-by-email
radius	Servidor Radius	<a href="mailto:radius@canbras.com.br">radius@canbras.com.br</a>		Unknown, Warning, Critical, Recovery	Down, Unreachable, Recovery	24x7	24x7	notify-by-email	host-notify-by-email
roteadores	Roteadores	<a href="mailto:roteadores@canbras.com.br">roteadores@canbras.com.br</a>		Unknown, Warning, Critical, Recovery	Down, Unreachable, Recovery	24x7	24x7	notify-by-email	host-notify-by-email
servidores	Adm Servidores	<a href="mailto:servidores@canbras.com.br">servidores@canbras.com.br</a>		Unknown, Warning, Critical, Recovery	Down, Unreachable, Recovery	24x7	24x7	notify-by-email	host-notify-by-email
switches	Switches Admin	<a href="mailto:switches@canbras.com.br">switches@canbras.com.br</a>		Unknown, Warning, Critical, Recovery	Down, Unreachable, Recovery	24x7	24x7	notify-by-email	host-notify-by-email

Concluído

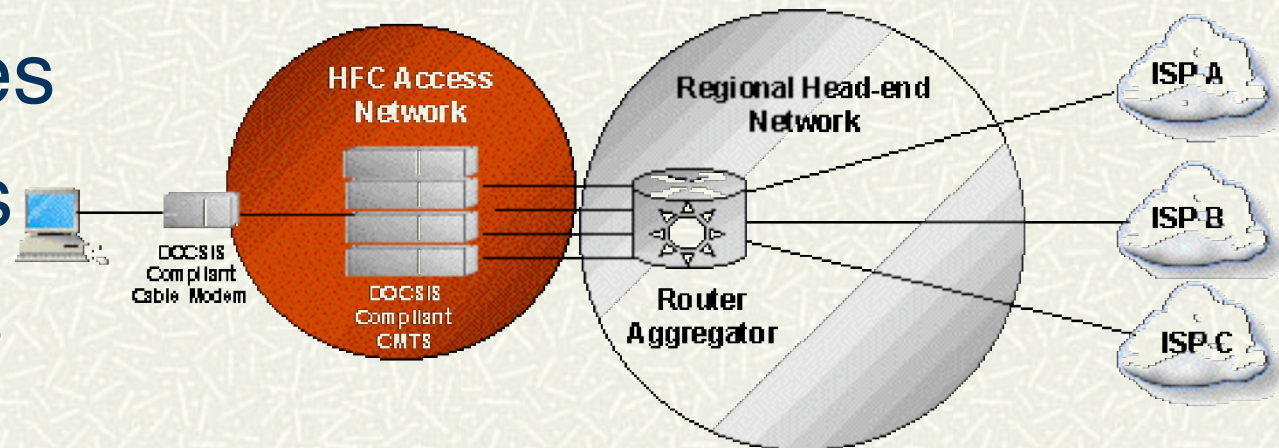
# A implantação do Nagios no ambiente Canbras

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- # A CANBRAS é uma empresa voltada ao segmento de acesso banda larga via CATV. Não possui ISP próprio, sendo voltado apenas à conexão de última milha de usuários residenciais e corporativos.
  - # A tecnologia adotada é o acesso via protocolo PPPoE.
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# Estrutura da rede de acesso Canbras

- # Radius servers
- # DHCP servers
- # RDB servers
- # Switches
- # Routers
- # Bridges
- # etc



# A implantação do Nagios no ambiente Canbras (2)

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## # Serviços a serem monitorados do acesso:

- Servidores
  - RADIUS
  - DHCP
  - Monitoração MRTG
  - Em todos eles CPU, Disk.
- Equipamentos
  - Roteadores
  - Switches
  - CMTS

# A implantação do Nagios no ambiente Canbras (3)

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## # Serviços a serem monitorados do IT:

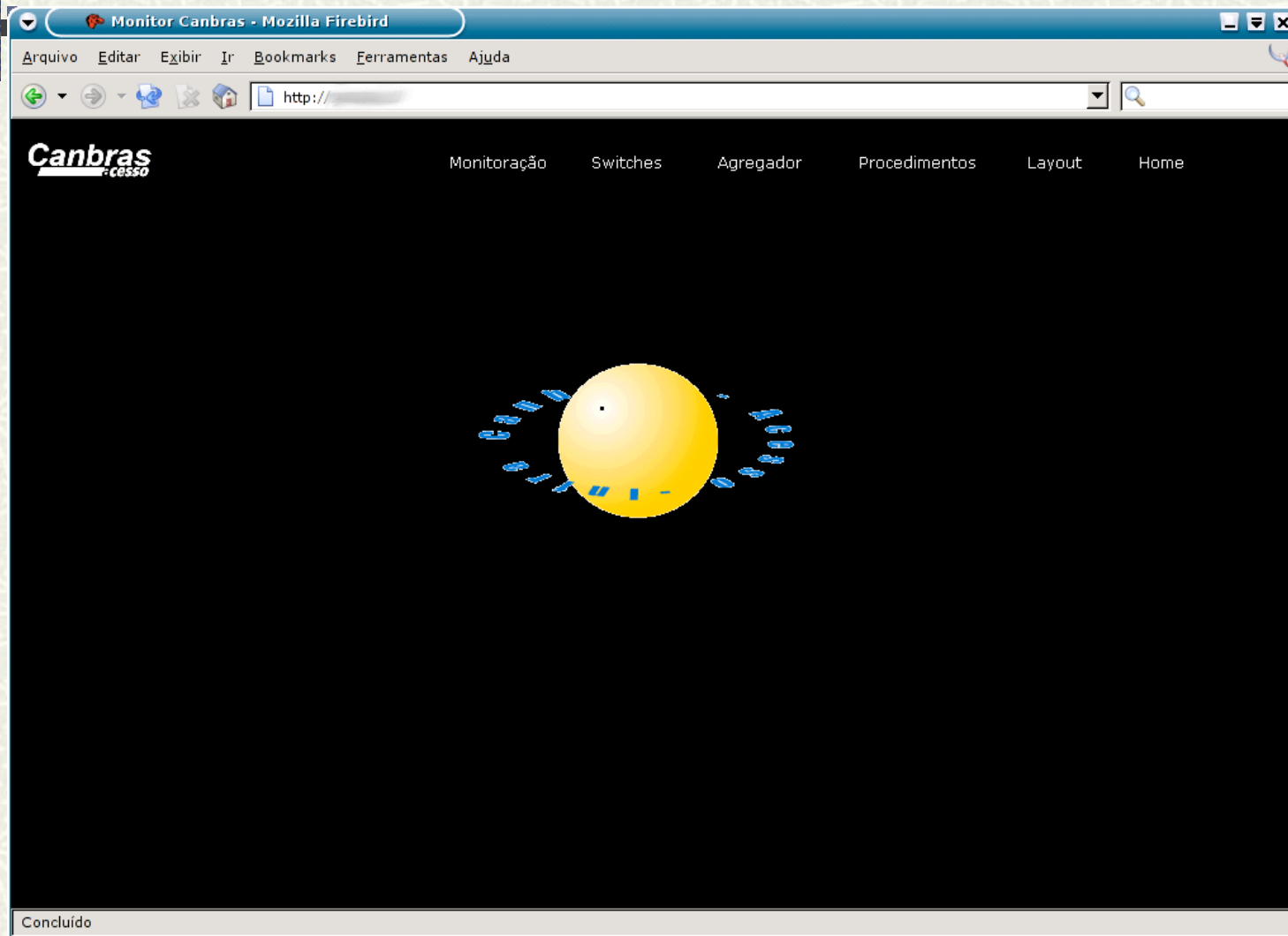
- Servidores

- Oracle
- DNS
- Email
- Web

- Equipamentos

- Roteadores
  - Switches
-

# Screen Shots





# Screen Shots (2)

The screenshot shows a Mozilla Firebird browser window titled "Monitor Canbras - Mozilla Firebird". The address bar contains the URL "http://.../index.php?link=%20http://.../nagios/". The browser's menu bar includes "Arquivo", "Editar", "Exibir", "Ir", "Bookmarks", "Ferramentas", and "Ajuda".

The web page content includes a top navigation bar with links: "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home". The main content area features the "Nagios" logo and the text "Copyright (c) 1999-2002 Ethan Galstad" and "Version 1.0" in red, dated "November 24, 2002".

A central box titled "New Installations:" contains the following text:  
If you have just installed Nagios®, read the [documentation](#) for instructions on getting everything up and running.  
Click [here](#) for a brief overview of new features that have been added in this release.  
**For More Information:**  
Visit the Nagios homepage at <http://www.nagios.org> for information on bug fixes, upgrades, support, etc.

At the bottom of the page, there is a logo that says "MONITORED BY Nagios NETWORK MONITOR".

The left sidebar contains a navigation menu with the following sections and items:

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

The status bar at the bottom of the browser window displays the word "Concluido".

# Screen Shots (3)

**Monitor Canbras - Mozilla Firebird**

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

**Canbras** CESSO

Monitoração Switches Agregador Procedimentos Layout Home

**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

**Tactical Monitoring Overview**

Last Updated: Wed Apr 7 14:15:37 BRST 2004  
 Updated every 90 seconds  
 Nagios@ - www.nagios.org  
 Logged in as mcosta

**Monitoring Performance**

Check Execution Time: 0 / 5 / 1.195 sec  
 Check Latency: 0 / 1 / 0.013 sec  
 # Active Checks: 149  
 # Passive Checks: 0

**Network Outages**

0 Outages

**Network Health**

Host Health:   
 Service Health:

**Hosts**

0 Down	0 Unreachable	41 Up	0 Pending
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**Services**

0 Critical	2 Warning	0 Unknown	147 Ok	0 Pending
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[2 Unhandled Problems](#)

**Monitoring Features**

Flap Detection	Notifications	Event Handlers	Active Checks	Passive Checks
Enabled	Enabled	Enabled	Enabled	Enabled
All Services Enabled	All Services Enabled	All Services Enabled	All Services Enabled	All Services Enabled
No Services Flapping	All Hosts Enabled	All Hosts Enabled	All Hosts Enabled	

http://.../nagios/cgi-bin/tac.cgi

# Screen Shots (4)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

Canbras CESSO

Monitoração Switches Agregador Procedimentos Layout Home

**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: Wed Apr 7 14:36:16 BRST 2004  
 Updated every 90 seconds  
 Nagios® - [www.nagios.org](http://www.nagios.org)  
 Logged in as *mcosta*

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

**Host Status Totals**

Up	Down	Unreachable	Pending
41	0	0	0

[All Problems](#) [All Types](#)

0 41

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
146	2	0	1	0

[All Problems](#) [All Types](#)

3 149

**Service Status Details For All Hosts**

Host	Service	Status	Last Check	Duration	Attempt	Status Information
Proxy	Ping	OK	04-07-2004 14:31:51	40d 4h 52m 39s	1/3	PING OK - Packet loss = 0%, RTA = 0.32 ms
	Status do NTP Server	CRITICAL	04-07-2004 14:32:28	0d 0h 3m 39s	3/3	CRITICAL: No suitable peer server found - Server for ntp probably down
alessandra	Disco 0	OK	04-07-2004 14:35:49	40d 6h 12m 29s	1/3	DISK OK [9366247 kB (60%) free on /dev/md/dsk/d0]
	Disco 1	WARNING	04-07-2004 14:31:16	0d 18h 5m 39s	3/3	DISK WARNING [6267509 kB (18%) free on /dev/md/dsk/d3]
	Disco 2	WARNING	04-07-2004 14:35:21	15d 14h 52m 49s	3/3	DISK WARNING [3423193 kB (19%) free on /dev/md/dsk/d6]
	FTP	OK	04-07-2004 14:33:55	62d 23h 10m 45s	1/3	FTP OK - 0.002 second response time on port 21 HTTP ok: HTTP/1.1 200

http://.../nagios/cgi-bin/status.cgi?host=all

# Screen Shots (5)

The screenshot displays the Nagios web interface in a Mozilla Firebird browser window. The browser title is "Monitor Canbras - Mozilla Firebird" and the address bar shows the URL "http://.../index.php?link=%20http://.../nagios/". The interface includes a navigation menu with options like "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

**Current Network Status**  
Last Updated: Wed Apr 7 14:45:12 BRST 2004  
Updated every 90 seconds  
Nagios@ - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcosta*

**Host Status Totals**

Up	Down	Unreachable	Pending
41	0	0	0

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
147	2	0	0	0

**Service Overview For All Host Groups**

**CMTS (cmts)**

Host	Status	Services	Actions
<a href="#">cmts_am</a>	UP	1 OK	
<a href="#">cmts_asc</a>	UP	1 OK	
<a href="#">cmts_crm</a>	UP	1 OK	
<a href="#">cmts_diad</a>	UP	1 OK	
<a href="#">cmts_fm</a>	UP	1 OK	
<a href="#">cmts_qua</a>	UP	1 OK	
<a href="#">cmts_maua</a>	UP	1 OK	
<a href="#">cmts_np</a>	UP	1 OK	
<a href="#">cmts_pnd</a>	UP	1 OK	

**Servidores Radius (radius\_servers)**

Host	Status	Services	Actions
<a href="#">Radius Teste</a>	UP	No matching services	
<a href="#">radius1</a>	UP	8 OK	
<a href="#">radius2</a>	UP	8 OK	

**Roteadores (routers)**

Host	Status	Services
<a href="#">routernoc</a>	UP	7 OK
<a href="#">rradius0</a>	UP	1 OK
<a href="#">rradius1</a>	UP	8 OK
<a href="#">rradius2</a>	UP	8 OK

The interface also features a sidebar with navigation options under "General", "Monitoring", and "Reporting". The status of various hosts and services is indicated by green "UP" labels and "OK" counts.

# Screen Shots (6)

**Monitor Canbras - Mozilla Firebird**

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

**Canbras** - CESSO

Monitoração Switches Agregador Procedimentos Layout Home

**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: Wed Apr 7 14:45:25 BRST 2004  
 Updated every 90 seconds  
 Nagios® - [www.nagios.org](http://www.nagios.org)  
 Logged in as *mcoستا*

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

**Host Status Totals**

Up	Down	Unreachable	Pending
41	0	0	0

[All Problems](#) [All Types](#)

0	41
---	----

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
147	2	0	0	0

[All Problems](#) [All Types](#)

2	149
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**Status Summary For All Host Groups**

Host Group	Host Status Totals	Service Status Totals
<a href="#">CMTS (cmts)</a>	19 UP	18 OK
<a href="#">Servidores Radius (radius_servers)</a>	3 UP	18 OK
<a href="#">Roteadores (routers)</a>	4 UP	24 OK
<a href="#">Servidores (servers)</a>	5 UP	33 OK 2 WARNING
<a href="#">SWITCH (switch)</a>	10 UP	35 OK

http://.../nagios/cgi-bin/status.cgi?hostgroup=all&style=summary

# Screen Shots (7)

The screenshot displays the Nagios web interface in a Mozilla Firefox browser window. The browser title is "Monitor Canbras - Mozilla Firebird". The address bar shows the URL: `http://.../index.php?link=%20http://.../nagios/`. The page header includes the "Canbras" logo and navigation links: "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

The main content area is divided into several sections:

- Current Network Status:** Last Updated: Wed Apr 7 14:45:35 BRST 2004. Updated every 90 seconds. Nagios® - [www.nagios.org](http://www.nagios.org). Logged in as *mcosta*.
  - [View Service Status Detail For All Host Groups](#)
  - [View Host Status Detail For All Host Groups](#)
  - [View Status Overview For All Host Groups](#)
  - [View Status Summary For All Host Groups](#)
- Host Status Totals:**

Up	Down	Unreachable	Pending
41	0	0	0

[All Problems](#) | [All Types](#)

0	41
---	----
- Service Status Totals:**

Ok	Warning	Unknown	Critical	Pending
147	2	0	0	0

[All Problems](#) | [All Types](#)

2	149
---	-----

**Status Grid For All Host Groups**

[CMTS \(cmts\)](#)

Host	Services
<a href="#">cmts_am</a>	OK
<a href="#">cmts_asc</a>	OK
<a href="#">cmts_crm</a>	OK
<a href="#">cmts_diad</a>	OK
<a href="#">cmts_fm</a>	OK
<a href="#">cmts_qua</a>	OK
<a href="#">cmts_maua</a>	OK
<a href="#">cmts_np</a>	OK
<a href="#">cmts_prvt</a>	OK
<a href="#">cmts_pto</a>	OK
<a href="#">cmts_sa</a>	OK

http://.../nagios/cgi-bin/status.cgi?hostgroup=all&style=grid

# Screen Shots (8)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

**Canbras** - CESSO

**Nagios**

Monitoração Switches Agregador Procedimentos Layout Home

**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

**radius1** [Alert](#) [Disco](#) [Host](#) [Load](#) [Ping](#) [Process](#) [Switch](#) [Users](#) [Web](#) [Web](#) [Web](#)

**radius2** [Alert](#) [Disco](#) [Host](#) [Load](#) [Ping](#) [Process](#) [Switch](#) [Users](#) [Web](#) [Web](#) [Web](#)

**Servidores (servers)**

Host	Services
Proxy	<a href="#">Alert</a> <a href="#">Status do NTP Server</a>
alessandra	<a href="#">Disco 1</a> <a href="#">Disco 2</a> <a href="#">Disco 3</a> <a href="#">NTP</a> <a href="#">NTP</a> <a href="#">Load</a> <a href="#">Ping</a> <a href="#">Web</a> <a href="#">Web</a> <a href="#">Web</a>
dhcpsic	<a href="#">Disco</a> <a href="#">FTP</a> <a href="#">HTTP</a> <a href="#">Load</a> <a href="#">MySQL</a> <a href="#">Ping</a> <a href="#">Process</a> <a href="#">Switch</a> <a href="#">Users</a> <a href="#">Web</a>
nagios	<a href="#">Disco</a> <a href="#">HTTP</a> <a href="#">MySQL</a> <a href="#">Ping</a> <a href="#">Status do NTP Server</a> <a href="#">Switch</a> <a href="#">Web</a> <a href="#">Web</a> <a href="#">Web</a>
simone	<a href="#">Disco 1</a> <a href="#">HTTP</a> <a href="#">Load</a> <a href="#">Ping</a> <a href="#">Web</a>

**SWITCH (switch)**

Host	Services
enterasys	<a href="#">Telnet</a> <a href="#">Ping</a> <a href="#">Slot2/2-ATM-Trunk-UOL/Alert/Cache-KBone</a> <a href="#">Slot3/3-G3-Trunk-KBone(UOL/Alert</a>
extreme	<a href="#">Bridge SJC-Conv 01</a> <a href="#">DHCP Server</a> <a href="#">Gerencia</a> <a href="#">Gerencia NOC SJC</a> <a href="#">Hub Noc Phisical</a> <a href="#">Istatus</a> <a href="#">IPPoE SJC</a> <a href="#">Ping</a> <a href="#">R.Cara_Canbras_SJC</a> <a href="#">Router NOC</a> <a href="#">SNMP Server</a> <a href="#">Servidores Radius</a> <a href="#">Trunk swc01a</a> <a href="#">Trunk swc01b</a> <a href="#">Tunnel SMS100</a> <a href="#">WebP</a> <a href="#">IPPoE-Trafico Al Bridge</a>
gerencia	<a href="#">Telnet</a> <a href="#">Ping</a>
intel	<a href="#">Carberg</a> <a href="#">Ping</a> <a href="#">Router</a> <a href="#">Sabaria</a> <a href="#">Switch</a> <a href="#">Trunk Switch</a> <a href="#">VPN Intelcabal</a>
sms	<a href="#">ATM 3M</a> <a href="#">ATM 3M</a> <a href="#">Ping</a> <a href="#">Subscribers</a> <a href="#">Alert</a> <a href="#">Telnet</a>
swcmts1	<a href="#">Telnet</a> <a href="#">Ping</a> <a href="#">Trunk Alata</a> <a href="#">Trunk Kbone</a> <a href="#">Trunk UOL 1</a> <a href="#">Trunk UOL 2</a>
swcmts2	<a href="#">CMIS Danema</a> <a href="#">CMIS Nova</a> <a href="#">CMIS SDC</a> <a href="#">CMIS SDC1</a> <a href="#">CMIS SDC2</a> <a href="#">Telnet</a> <a href="#">Ping</a> <a href="#">Santo Andre</a> <a href="#">Swcmts01</a> <a href="#">Trunk Extreme</a>
swquarulhos	<a href="#">Ping</a>
swsic	<a href="#">Telnet</a> <a href="#">Ping</a>

http://.../nagios/cgi-bin/status.cgi?hostgroup=all&style=grid

# Screen Shots (9)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

Canbras  
-CESSO

Monitoração Switches Agregador Procedimentos Layout Home

Status Overview For All Hosts

Servidores

Supress popups:  Update

**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

http://.../nagios/cgi-bin/statusmap.cgi?host=all



# Screen Shots (10)

**Canbras**  
:CESSO

**Nagios**

Monitoração Switches Agregador Procedimentos Layout Home

**Current Network Status**  
Last Updated: Wed Apr 7 14:46:18 BRST 2004  
Updated every 90 seconds  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcoستا*

**Host Status Totals**

Up	Down	Unreachable	Pending
41	0	0	0

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
147	2	0	0	0

**Display Filters:**  
Host Status Types: All  
Host Properties: Any  
Service Status Types: All Problems  
Service Properties: Any

**Service Status Details For All Hosts**

Host	Service	Status	Last Check	Duration	Attempt	Status Information
alessandra	Disco 1	WARNING	04-07-2004 14:41:17	0d 18h 15m 40s	3/3	DISK WARNING [6267509 kB (18%) free on /dev/md/dsk/d3]
	Disco 2	WARNING	04-07-2004 14:45:21	15d 15h 2m 50s	3/3	DISK WARNING [3423193 kB (19%) free on /dev/md/dsk/d6]

2 Matching Service Entries Displayed

http://.../nagios/cgi-bin/status.cgi?host=all&servicestatusypes=248

# Screen Shots (11)

Monitoração Switches Agregador Procedimentos Layout Home

**Current Network Status**  
Last Updated: Wed Apr 7 14:46:28 BRST 2004  
Updated every 90 seconds  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcoستا*

[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
41	0	0	0

[All Problems](#) [All Types](#)

0	41
---	----

**Service Status Totals**

Ok	Warning	Unknown	Critical	Pending
147	2	0	0	0

[All Problems](#) [All Types](#)

2	149
---	-----

**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
0 Matching Host Entries Displayed				

http://.../nagios/cgi-bin/status.cgi?hostgroup=all&style=hostdetail&hoststatustypes=12

# Screen Shots (12)

The screenshot shows a web browser window titled "Monitor Canbras - Mozilla Firebird". The address bar contains the URL `http://.../index.php?link=%20http://.../nagios/`. The browser's menu bar includes "Arquivo", "Editar", "Exibir", "Ir", "Bookmarks", "Ferramentas", and "Ajuda".

The web page features the "Canbras" logo and a navigation menu with the following items: "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

The main content area is titled "Nagios" and displays "Network Outages" information. A box indicates the last update was on "Wed Apr 7 14:46:35 BRST 2004" and that it is updated every 90 seconds. The user is logged in as "mcosta".

Below this, there is a section for "Blocking Outages" with a table header:

Severity	Host	State	Notes	State Duration	Total State Time	# Hosts Affected	# Services Affected	Actions
----------	------	-------	-------	----------------	------------------	------------------	---------------------	---------

The table content shows "0 Blocking Outages Displayed".

The left sidebar contains a menu with categories: "General" (Home, Documentation), "Monitoring" (Tactical Overview, Service Detail, Host Detail, Status Overview, Status Summary, Status Grid, Status Map, 3-D Status Map), "Service Problems" (Service Problems, Host Problems, Network Outages), "Comments" (Comments, Downtime), "Process Info" (Process Info, Performance Info, Scheduling Queue), and "Reporting" (Trends, Availability, Alert Histogram, Alert History, Alert Summary, Notifications).

The browser's status bar at the bottom shows the URL `http://.../nagios/cgi-bin/outages.cgi`.

# Screen Shots (13)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

**Canbras**  
:CESSO

Monitoração Switches Agregador Procedimentos Layout Home

**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

**All Host and Service Comments**  
Last Updated: Wed Apr 7 14:46:44 BRST 2004  
Updated every 90 seconds  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcosta*

[ [Host Comments](#) | [Service Comments](#) ]

**Host Comments**  
[Add a new host comment](#)

Host Name	Entry Time	Author	Comment	Comment ID	Persistent	Actions
There are no host comments						

**Service Comments**  
[Add a new service comment](#)

Host Name	Service	Entry Time	Author	Comment	Comment ID	Persistent	Actions
<a href="#">alessandra</a>	<a href="#">Disco 2</a>	08-06-2003 21:32:53	nagiosadmin	Em processo de limpeza	97	Yes	

http://.../nagios/cgi-bin/extinfo.cgi?type=3

# Screen Shots (14)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

Canbras :CESSO

Monitoração Switches Agregador Procedimentos Layout Home

## 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

### Nagios Process Information

Last Updated: Wed Apr 7 14:47:08 BRST 2004  
Updated every 90 seconds  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcosta*

#### Process Information

Program Start Time:	02-13-2004 10:53:27
Total Running Time:	54d 4h 53m 41s
Last External Command Check:	04-07-2004 14:46:56
Last Log File Rotation:	04-07-2004 00:00:00
Nagios PID	545
Notifications Enabled?	<b>YES</b>
Service Checks Being Executed?	<b>YES</b>
Passive Service Checks Being Accepted?	<b>YES</b>
Event Handlers Enabled?	Yes
Obsessing Over Services?	No
Flap Detection Enabled?	Yes
Performance Data Being Processed?	No

#### Process Commands

- [Shutdown the Nagios process](#)
- [Restart the Nagios process](#)
- [Disable notifications](#)
- [Stop executing service checks](#)
- [Stop accepting passive service checks](#)
- [Disable event handlers](#)
- [Start obsessing over services](#)
- [Disable flap detection](#)
- [Enable performance data](#)

#### Process Status Information

Process Status: **OK**

Check Command Output: No process check command has been defined in your CGI configuration file. Nagios process is assumed to be running properly.

http://.../nagios/cgi-bin/extinfo.cgi?type=0

# Screen Shots (15)

The screenshot shows a Mozilla browser window titled "Monitor Canbras - Mozilla Firebird". The address bar contains the URL "http://.../index.php?link=%20http://.../nagios/". The browser's menu bar includes "Arquivo", "Editar", "Exibir", "Ir", "Bookmarks", "Ferramentas", and "Ajuda".

The Nagios web interface is displayed. At the top left is the "Canbras" logo with "CESSO" underneath. Below it is the "Nagios" logo. A navigation menu at the top right includes "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

The left sidebar contains a menu with the following categories and items:

- 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

The main content area displays "Performance Information" with the following text:

Last Updated: Wed Apr 7 14:47:17 BRST 2004  
Updated every 90 seconds  
Nagios® - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcosta*

Below this is the "Program-Wide Performance Information" section, which is divided into "Active Checks" and "Passive Checks".

**Active Checks:**

Time Frame	Checks Completed
<= 1 minute:	23 (15.4%)
<= 5 minutes:	148 (99.3%)
<= 15 minutes:	149 (100.0%)
<= 1 hour:	149 (100.0%)
Since program start:	149 (100.0%)

Metric	Min.	Max.	Average
Check Execution Time:	< 1 sec	5 sec	1.201 sec
Check Latency:	< 1 sec	1 sec	0.027 sec
Percent State Change:	0.00%	12.11%	0.16%

**Passive Checks:**

Time Frame	Checks Completed
<= 1 minute:	0 (0.0%)
<= 5 minutes:	0 (0.0%)
<= 15 minutes:	0 (0.0%)
<= 1 hour:	0 (0.0%)
Since program start:	0 (0.0%)

Metric	Min.	Max.	Average
Percent State Change:	0.00%	0.00%	0.00%

The browser's status bar at the bottom shows the URL "http://.../nagios/cgi-bin/extinfo.cgi?type=4".

# Screen Shots (16)

The screenshot shows a web browser window titled "Monitor Canbras - Mozilla Firebird". The address bar contains the URL `http://.../index.php?link=%20http://.../nagios/`. The page header includes the "Canbras" logo and navigation links: "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

The main content area is titled "Service Check Scheduling Queue" and includes the following information:

- Last Updated: Wed Apr 7 14:47:23 BRST 2004
- Updated every 90 seconds
- Nagios® - [www.nagios.org](http://www.nagios.org)
- Logged in as `mcosta`

Below this information, it states "Entries sorted by **next check time** (ascending)". A table displays the scheduling queue with the following columns: Host, Service, Last Check, Next Check, Active Checks, and Actions.

Host ↑↓	Service ↑↓	Last Check ↑↓	Next Check ↑↓	Active Checks	Actions
<a href="#">dhcpsjc</a>	<a href="#">ssh</a>	04-07-2004 14:42:16	04-07-2004 14:47:16	ENABLED	
<a href="#">dhcpsjc</a>	<a href="#">Ping</a>	04-07-2004 14:42:20	04-07-2004 14:47:20	ENABLED	
<a href="#">enterasys</a>	<a href="#">lfstatus</a>	04-07-2004 14:42:22	04-07-2004 14:47:22	ENABLED	
<a href="#">routernoc</a>	<a href="#">ssh</a>	04-07-2004 14:42:26	04-07-2004 14:47:26	ENABLED	
<a href="#">Proxy</a>	<a href="#">Status do NTP Server</a>	04-07-2004 14:42:28	04-07-2004 14:47:28	ENABLED	
<a href="#">simone</a>	<a href="#">Ping</a>	04-07-2004 14:42:29	04-07-2004 14:47:29	ENABLED	
<a href="#">alessandra</a>	<a href="#">smtp</a>	04-07-2004 14:42:33	04-07-2004 14:47:33	ENABLED	
<a href="#">simone</a>	<a href="#">HTTP</a>	04-07-2004 14:42:33	04-07-2004 14:47:33	ENABLED	
<a href="#">simone</a>	<a href="#">ssh</a>	04-07-2004 14:42:33	04-07-2004 14:47:33	ENABLED	
<a href="#">dhcpsjc</a>	<a href="#">Users</a>	04-07-2004 14:42:35	04-07-2004 14:47:35	ENABLED	
<a href="#">nagios</a>	<a href="#">Disco</a>	04-07-2004 14:42:35	04-07-2004 14:47:35	ENABLED	
<a href="#">enterasys</a>	<a href="#">Ping</a>	04-07-2004 14:42:45	04-07-2004 14:47:45	ENABLED	
<a href="#">nagios</a>	<a href="#">smtp</a>	04-07-2004 14:42:45	04-07-2004 14:47:45	ENABLED	
<a href="#">sms</a>	<a href="#">Ping</a>	04-07-2004 14:42:45	04-07-2004 14:47:45	ENABLED	
<a href="#">swsvicente</a>	<a href="#">Ping</a>	04-07-2004 14:42:49	04-07-2004 14:47:49	ENABLED	

The left sidebar contains a navigation menu with sections: "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" (Process Info, Performance Info, Scheduling Queue), and "Reporting" (Trends, Availability, Alert Histogram, Alert History, Alert Summary, Notifications).

The browser status bar at the bottom shows the URL `http://.../nagios/cgi-bin/extinfo.cgi?type=7`.

# Screen Shots (17)

The screenshot displays the Nagios web interface in a Mozilla Firebird browser window. The browser's address bar shows the URL `http://.../index.php?link=%20http://.../nagios/`. The page title is "Monitor Canbras - Mozilla Firebird".

The interface includes a navigation menu with the following items: **Monitoração**, **Switches**, **Agregador**, **Procedimentos**, **Layout**, and **Home**. The main content area is titled "Service 'Disco 1' On Host 'alessandra'" and shows the following details:

- Service State Trends:** Last Updated: Wed Apr 7 14:48:32 BRST 2004. Nagios@ - [www.nagios.org](http://www.nagios.org). Logged in as *mcosta*.
- Assume initial states:**  yes
- Assume state retention:**  yes
- First assumed state:** Unspecified
- Backtracked archives:** 4
- Report period:** [ Current time range ]
- Zoom factor:** 4
- Update** button

The central part of the page features a "State History For Service 'Disco 1' On Host 'alessandra'" section, covering the period from "Thu Jan 1 01:00:00 2004 to Wed Apr 7 14:48:32 2004". This is represented by a horizontal bar chart with the following state breakdowns:

State	Percentage	Count
Ok	(63.9%)	62d
Warning	(36.1%)	35d
Unknown	(0.0%)	0d 0h 0m 0s
Critical	(0.0%)	0d 0h 0m 0s
Indeterminate	(0.0%)	0d 0h 0m 0s

The chart shows a transition from a predominantly green (Ok) state to a predominantly yellow (Warning) state starting around late March. The x-axis of the chart is labeled with various dates and times, including: Thu Jan 1 01:00:00 2004, Mon Jan 5 16:29:24 2004, Fri Jan 9 12:25:57 2004, Mon Jan 12 17:26:47 2004, Thu Jan 15 10:26:05 2004, Tue Jan 20 11:16:37 2004, Mon Jan 26 11:29:33 2004, Wed Feb 4 16:12:11 2004, Mon Feb 9 10:13:49 2004, Wed Feb 11 16:28:12 2004, Tue Mar 2 03:14:37 2004, Thu Mar 4 20:04:07 2004, Sun Mar 7 20:01:07 2004, Wed Mar 10 20:02:37 2004, Sat Mar 13 20:04:17 2004, Mon Mar 15 20:03:57 2004, Thu Mar 18 20:02:17 2004, Sun Mar 21 20:04:07 2004, Wed Mar 24 20:02:27 2004, Fri Mar 26 20:01:57 2004, Mon Mar 29 20:03:37 2004, Thu Apr 1 20:02:17 2004, Sun Apr 4 20:03:57 2004, Wed Apr 7 14:48:32 2004.

On the left side of the interface, there is a sidebar menu with the following sections:

- General:** Home, Documentation
- Monitoring:** Tactical Overview, Service Detail, Host Detail, Status Overview, Status Summary, Status Grid, Status Map, 3-D Status Map
- Comments & Downtime:** Service Problems, Host Problems, Network Outages
- Reporting:** Trends, Availability, Alert Histogram, Alert History, Alert Summary, Notifications

The bottom of the page contains a "Concluido" status indicator.



# Screen Shots (18)

Monitor Canbras - Mozilla Firebird

Arquivo Editar Exibir Ir Bookmarks Ferramentas Ajuda

http://.../index.php?link=%20http://.../nagios/

Canbras  
:CESSO

Monitoração Switches Agregador Procedimentos Layout Home

**Nagios**<sup>®</sup>

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

Concluido

**Service Availability Report**  
Last Updated: Wed Apr 7 14:49:59 BRST 2004  
Nagios@ - [www.nagios.org](http://www.nagios.org)  
Logged in as *mcosta*

[View Availability Report For This Host](#)  
[View Availability Report For All Services](#)  
[View Trends For This Service](#)  
[View Alert Histogram For This Service](#)  
[View Alert History This Service](#)  
[View Notifications This Service](#)

**Service 'FreeRadius' On Host 'radius2'**

Assume initial states:  Assume state retention:

First assumed service state: Backtracked archives:

Unspecified

Report period: [ Current time range ]

Update

[ Availability report completed in 0 min 3 sec ]

**Service State Breakdowns:**

State	Type / Reason	Time	% Total Time	% Known Time
OK	Unscheduled	96d 18h 57m 18s	99.152%	99.157%
	Scheduled	0d 0h 0m 0s	0.000%	0.000%
	<b>Total</b>	<b>96d 18h 57m 18s</b>	<b>99.152%</b>	<b>99.157%</b>
WARNING	Unscheduled	0d 0h 4m 30s	0.003%	0.003%
	Scheduled	0d 0h 0m 0s	0.000%	0.000%
	<b>Total</b>	<b>0d 0h 4m 30s</b>	<b>0.003%</b>	<b>0.003%</b>
UNKNOWN	Unscheduled	0d 0h 0m 0s	0.000%	0.000%
	Scheduled	0d 0h 0m 0s	0.000%	0.000%
	<b>Total</b>	<b>0d 0h 0m 0s</b>	<b>0.000%</b>	<b>0.000%</b>
CRITICAL	Unscheduled	0d 19h 40m 1s	0.839%	0.840%
	Scheduled	0d 0h 0m 0s	0.000%	0.000%
	<b>Total</b>	<b>0d 19h 40m 1s</b>	<b>0.839%</b>	<b>0.840%</b>

# Screen Shots (19)

The screenshot shows the Nagios web interface in a Mozilla Firebird browser window. The browser title is "Monitor Canbras - Mozilla Firebird" and the address bar shows the URL "http://.../index.php?link=%20http://.../nagios/". The page header includes the "Canbras" logo and navigation links: "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home".

The main content area is titled "All Contacts" and includes a "Log File Navigation" section with a "Latest Archive" link and a date range from "Wed Apr 7 00:00:00 BRST 2004 to Present..". Below this, the file path is given as "File: /usr/local/nagios/var/nagios.log".

On the left side, there is a sidebar menu for "Nagios" with sections for "General", "Monitoring", and "Reporting". The "Monitoring" section is expanded, showing various options like "Tactical Overview", "Service Detail", "Host Detail", etc.

The "Contact Notifications" section shows the following details:

- Last Updated: Wed Apr 7 14:51:26 BRST 2004
- Nagios@ - [www.nagios.org](http://www.nagios.org)
- Logged in as *mcosta*

The main table displays notification details:

Host	Service	Type	Time	Contact	Notification Command	Information
<a href="#">Proxy</a>	<a href="#">Status do NTP Server</a>	OK	04-07-2004 14:37:37	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	OK: Time difference -0.822094 seconds
<a href="#">Proxy</a>	<a href="#">Status do NTP Server</a>	CRITICAL	04-07-2004 14:32:37	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	CRITICAL: No suitable peer server found - Server for ntp probably down
<a href="#">nagios</a>	<a href="#">Status do NTP Server</a>	OK	04-07-2004 14:24:17	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	OK: Time difference -0.000004 seconds
<a href="#">nagios</a>	<a href="#">Status do NTP Server</a>	CRITICAL	04-07-2004 14:19:17	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	CRITICAL: No suitable peer server found - Server for ntp probably down
<a href="#">radius2</a>	<a href="#">FreeRadius</a>	OK	04-07-2004 02:41:28	<a href="#">radius</a>	<a href="#">notify-by-email</a>	Sending request. radrecv: Reply from host 3d1e000a code=2, id=233, length=47. Received unknown attribute 18.
<a href="#">radius2</a>	<a href="#">FreeRadius</a>	CRITICAL	04-07-2004 02:31:47	<a href="#">radius</a>	<a href="#">notify-by-email</a>	Sending request. 1, 2, 3, 4, 5, 6, 7, 8, 9, No answer.
<a href="#">nagios</a>	<a href="#">smtp</a>	OK	04-07-2004 00:36:48	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	SMTP OK - 2 second response time
<a href="#">nagios</a>	<a href="#">smtp</a>	CRITICAL	04-07-2004 00:21:52	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	Connection refused by host
<a href="#">nagios</a>	<a href="#">smtp</a>	OK	04-07-2004 00:14:48	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	SMTP OK - 8 second response time
<a href="#">nagios</a>	<a href="#">smtp</a>	CRITICAL	04-07-2004 00:09:48	<a href="#">servidores</a>	<a href="#">notify-by-email</a>	Connection refused by host

The browser's address bar at the bottom shows the URL "http://.../nagios/cgi-bin/notifications.cgi?contact=all".

# Screen Shots (20)

The screenshot shows a Mozilla Firebird browser window titled "Monitor Canbras - Mozilla Firebird". The address bar contains the URL `http://.../index.php?link=%20http://.../nagios/`. The browser's menu bar includes "Arquivo", "Editar", "Exibir", "Ir", "Bookmarks", "Ferramentas", and "Ajuda".

The main content area displays the Canbras Nagios interface. At the top, there is a navigation menu with "Monitoração", "Switches", "Agregador", "Procedimentos", "Layout", and "Home". The Canbras logo (with "CESSO" below it) is in the top left corner.

A left-hand sidebar contains a "Monitoring" section with the following items: 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, and Downtime. Below this is a "Reporting" section with: Trends, Availability, Alert Histogram, Alert History, Alert Summary, Notifications, and Event Log. At the bottom of the sidebar is a "Configuration" section with: View Config and Configuration.

The main content area is titled "Current Event Log" and "Log File Navigation". It shows the log file path: `File: /usr/local/nagios/var/nagios.log`. A red arrow points to a "Latest Archive" link. The log entries are dated "April 07, 2004 14:00".

The log entries include:

- [04-07-2004 14:50:17] SERVICE ALERT: nagios;Status do NTP Server;OK;SOFT;2;OK: Time difference -0.000005 seconds
- [04-07-2004 14:49:27] SERVICE ALERT: swguarulhos;Ping;OK;SOFT;2;PING OK - Packet loss = 0%, RTA = 28.10 ms
- [04-07-2004 14:49:17] SERVICE ALERT: nagios;Status do NTP Server;CRITICAL;SOFT;1;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:48:27] SERVICE ALERT: swguarulhos;Ping;WARNING;SOFT;1;PING WARNING - Packet loss = 20%, RTA = 33.79 ms
- [04-07-2004 14:37:37] SERVICE NOTIFICATION: servidores;Proxy;Status do NTP Server;OK;notify-by-email;OK: Time difference -0.822094 seconds
- [04-07-2004 14:37:37] SERVICE ALERT: Proxy;Status do NTP Server;OK;HARD;3;OK: Time difference -0.822094 seconds
- [04-07-2004 14:32:37] SERVICE NOTIFICATION: servidores;Proxy;Status do NTP Server;CRITICAL;notify-by-email;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:32:37] SERVICE ALERT: Proxy;Status do NTP Server;CRITICAL;HARD;3;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:31:37] SERVICE ALERT: Proxy;Status do NTP Server;CRITICAL;SOFT;2;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:30:37] SERVICE ALERT: Proxy;Status do NTP Server;CRITICAL;SOFT;1;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:24:17] SERVICE NOTIFICATION: servidores;nagios;Status do NTP Server;OK;notify-by-email;OK: Time difference -0.000004 seconds
- [04-07-2004 14:24:17] SERVICE ALERT: nagios;Status do NTP Server;OK;HARD;3;OK: Time difference -0.000004 seconds
- [04-07-2004 14:19:17] SERVICE NOTIFICATION: servidores;nagios;Status do NTP Server;CRITICAL;notify-by-email;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:19:17] SERVICE ALERT: nagios;Status do NTP Server;CRITICAL;HARD;3;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:18:17] SERVICE ALERT: nagios;Status do NTP Server;CRITICAL;SOFT;2;CRITICAL: No suitable peer server found - Server for ntp probably down
- [04-07-2004 14:17:17] SERVICE ALERT: nagios;Status do NTP Server;CRITICAL;SOFT;1;CRITICAL: No suitable peer server found - Server for ntp probably down

The browser's status bar at the bottom shows `http://.../nagios/cgi-bin/showlog.cgi`.

# Concluindo

---

## # Q & A

## # Referências

- [www.nagios.org](http://www.nagios.org)
- [www.ntop.org](http://www.ntop.org)
- [www.caida.org](http://www.caida.org)

## # Contatos

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-