



Encaminament IP

NA 5.2

Munin i Nagios. Exercicis pràctics.



Nagios



Nagios®

♦ Característiques

- ♦ Monitorització de serveis de xarxa (SSH, SMTP, POP3, Ldap, etc.)
- ♦ Monitorització de recursos de màquina (ús de CPU, espai en disc, etc.)
- ♦ Notificació d'esdeveniments
- ♦ Interfície web amb informes de monitorització
- ♦ Expansible i configurable a mida mitjançant plugins
- ♦ Abans anomenat netsaint.



Configuració de Nagios

Exemple de monitorització de serveis

Service Status Details For All Hosts

Host	Service	Status	Last Check	Duration	Attempt	Status Information
gateway	PING	OK	25-06-2006 14:07:23	26d 23h 36m 4s	1/3	PING OK - Packet loss = 0%, RTA = 0.45 ms
tjener	CUPS	OK	25-06-2006 14:08:02	66d 2h 19m 14s	1/3	TCP OK - 0.000 second response time on port 631
	DNS	OK	25-06-2006 14:03:50	66d 17h 58m 34s	1/3	DNS OK: 0.003 seconds response time 10.0.2.2 returns tjener.intern.
	Disk /	OK	25-06-2006 14:04:25	66d 17h 57m 52s	1/3	DISK OK - free space: / 62 MB (13%):
	Disk /usr	OK	25-06-2006 14:05:16	66d 17h 57m 9s	1/3	DISK OK - free space: /usr 1305 MB (28%):
	Disk /var	OK	25-06-2006 14:05:57	17d 19h 38m 1s	1/3	DISK OK - free space: /var 1917 MB (80%):
	Disk home0	OK	25-06-2006 14:07:13	51d 18h 38m 11s	1/3	DISK OK - free space: /skole/tjener/home0 20185 MB (39%):
	HTTP	OK	25-06-2006 14:07:38	66d 17h 59m 46s	1/3	HTTP OK HTTP/1.1 200 OK - 5775 bytes in 0.001 seconds
	IMAPS	OK	25-06-2006 14:03:20	66d 17h 59m 3s	1/3	SIMAP OK - 0.053 second response time on port 993 [* OK [CAPABILITY IMAP4rev1 UIDPLUS CHILDREN NAMESPACE THREAD=ORDEREDSUBJECT THREAD=REFERENCES SORT QUOTA IDLE AUTH=PLAIN ACL ACL2=UNION] Courier-IMAP ready. Copyright 1998-2004 Double Precision, Inc. See COPYING for distribution information.]
	LDAP	OK	25-06-2006 14:04:02	37d 13h 3m 15s	1/3	LDAP OK - 0.005 seconds response time
	LDAPssl	OK	25-06-2006 14:04:42	58d 23h 11m 30s	1/3	TCP OK - 0.000 second response time on port 636
	Load as in top	OK	25-06-2006 14:05:30	66d 17h 56m 54s	1/3	OK - load average: 0.33, 0.19, 0.09
	NFS	OK	25-06-2006 14:06:08	61d 17h 15m 10s	1/3	OK: RPC program nfs version 3 udp running
	PING	OK	25-06-2006 14:07:17	66d 17h 55m 29s	1/3	PING OK - Packet loss = 0%, RTA = 0.06 ms
	SAMBA	OK	25-06-2006 14:07:47	66d 1h 44m 24s	1/3	TCP OK - 0.002 second response time on port 139
	SMTP	OK	25-06-2006 14:03:27	66d 2h 23m 43s	1/3	SMTP OK - 0.009 sec. response time
	SQUID	OK	25-06-2006 14:04:19	66d 17h 58m 6s	1/3	TCP OK - 0.000 second response time on port 3128
	SSH	OK	25-06-2006 14:05:02	66d 17h 57m 23s	1/3	SSH OK - OpenSSH_3.8.1p1 Debian-8.sarge.4 (protocol 2.0)
	WEBMIN	OK	25-06-2006 14:05:42	66d 17h 56m 40s	1/3	TCP OK - 0.005 second response time on port 10000



Munin

♦ Característiques

- ♦ Munin és un sistema de monitorització que presenta els resultat en forma de gràfiques a través d'Internet
- ♦ Plug&Play. Extensible i configurable a mida a través de plugins
- ♦ Monitoritació de recursos remots. Sistema client/servidor. Paquet munin-node.
- ♦ Basat en l'eina RRDTool.
- ♦ Pot treballar conjuntament amb nagios



Munin

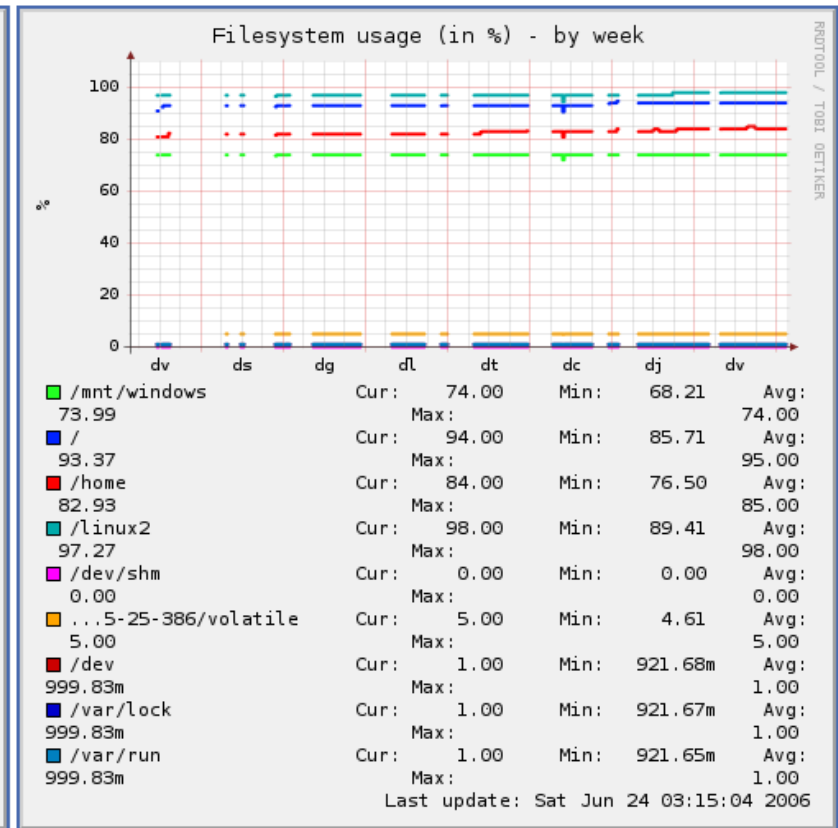
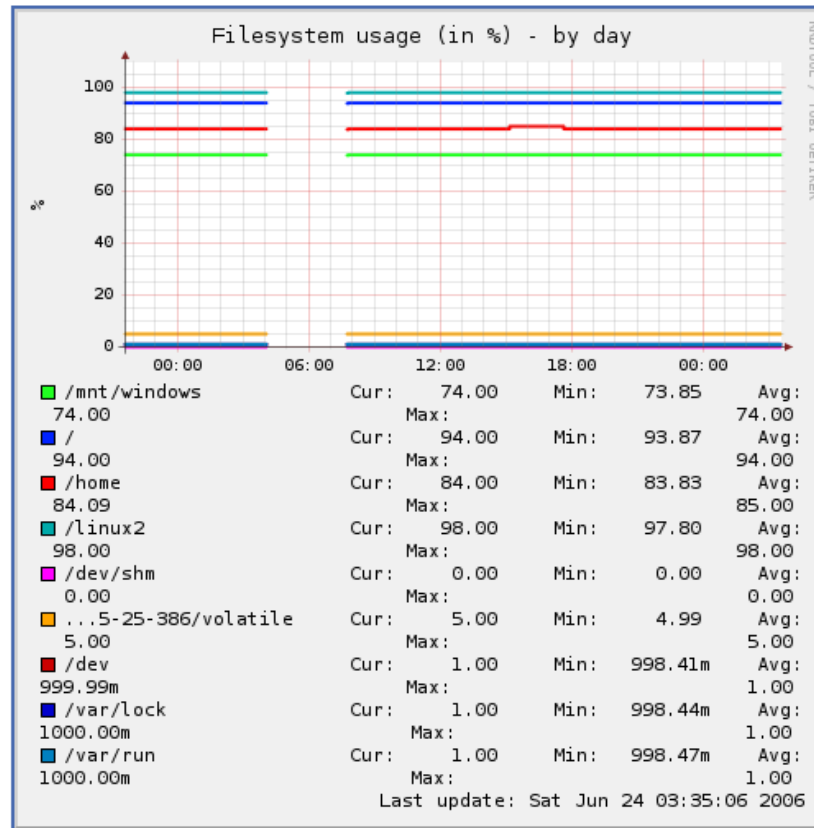


Overview :: [localhost](#) :: localhost.localhost

localhost.localhost :: [[Disk](#) [Mysql](#) [Network](#) [Postfix](#) [Processes](#) [Sensors](#) [System](#)]

Disk

:: [Filesystem usage \(in %\)](#)





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