

Støtteverktøy for agil drift

Frokostseminar Redpill Linpro



Håkon Drange - 2014-09-09

Introduksjon

- Håkon Drange

Introduksjon

- Haugesundar



<http://www.visitnorway.com/no/reisemal/vestlandet/haugesund-og-haugalandet/>

Introduksjon



Litt om Aptoma

Visjon:

Litt om Aptoma

Visjon:

Å hjelpe og forbedre mediabransjen med moderne teknologi.

Litt om Aptoma

- Utvikler og drifter løsninger for mediehus.
- 16 ansatte, hvorav 12 er teknikere.

Litt om Aptoma

- Tjenester leveres som SaaS.
- Kunden bygger sin forretningslogikk på toppen.

Noen av våre kunder

NRK

AFTONBLADET



VG

**Ekstra
Bladet**

amedia



DN.no



h-avis.no

ABCNYHETER



Litt om Aptoma

- For tiden 101 servere på 6 ulike lokasjoner.
- Virtuelle
- Fysiske
- Egen hardware
- I clouden

Verktøy i vår kasse



Verktøy i vår kasse

1. Munin
2. Nagios

Verktøy i vår kasse

1. Munin
2. Nagios
3. PagerDuty
4. Papertrail

Verktøy i vår kasse

1. Munin
2. Nagios
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4. Papertrail
5. Geckoboard
6. StatusPage.IO

Verktøy i vår kasse

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2. Nagios
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6. StatusPage.IO
7. HipCHat

Verktøy i vår kasse

1. **Munin**
2. Nagios
3. PagerDuty
4. Papertrail
5. Geckoboard
6. StatusPage.IO
7. HipCHat

Verktøy #1 - Munin

Formål:

- Historisk innsikt i systemers oppførsel og karakteristikk.

Verktøy #1 - Munin

Utviklet av nordmenn som:

- Audun Ytterdal
- Stig Sandbeck Mathisen
- Kjell-Magne Øierud
- og flere andre flinke (Redpill Linpro) folk.

Verktøy #1 - Munin

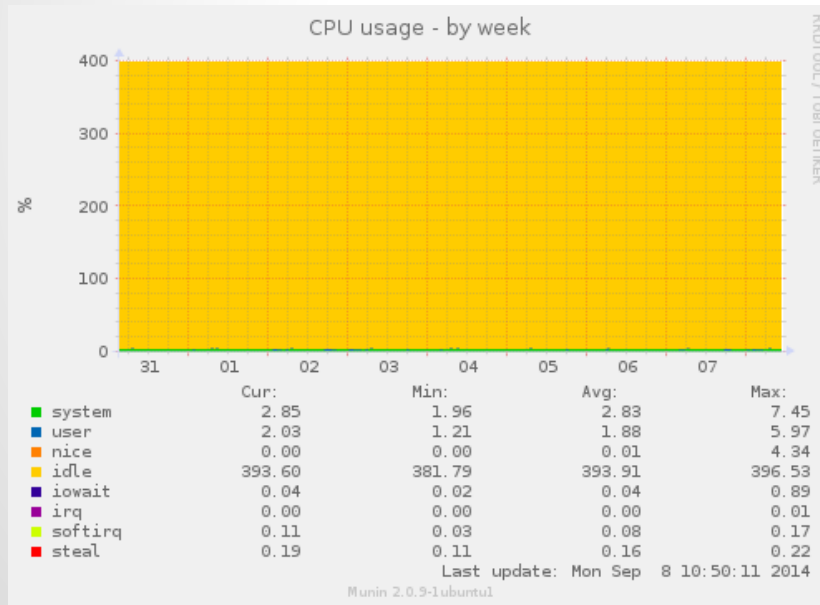
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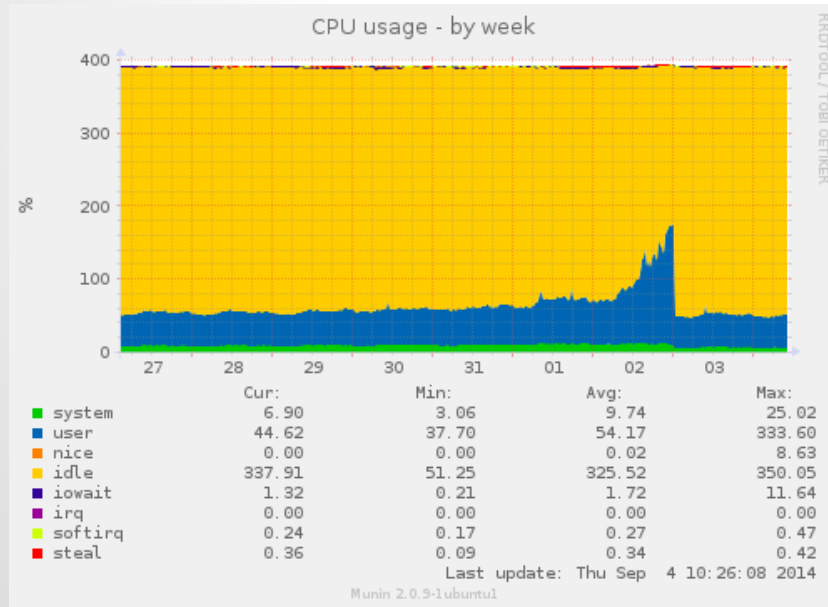
Verktøy #1 - Munin

- Innsikt i systemers karakteristikk.
 - Når ting går som normalt.



Verktøy #1 - Munin

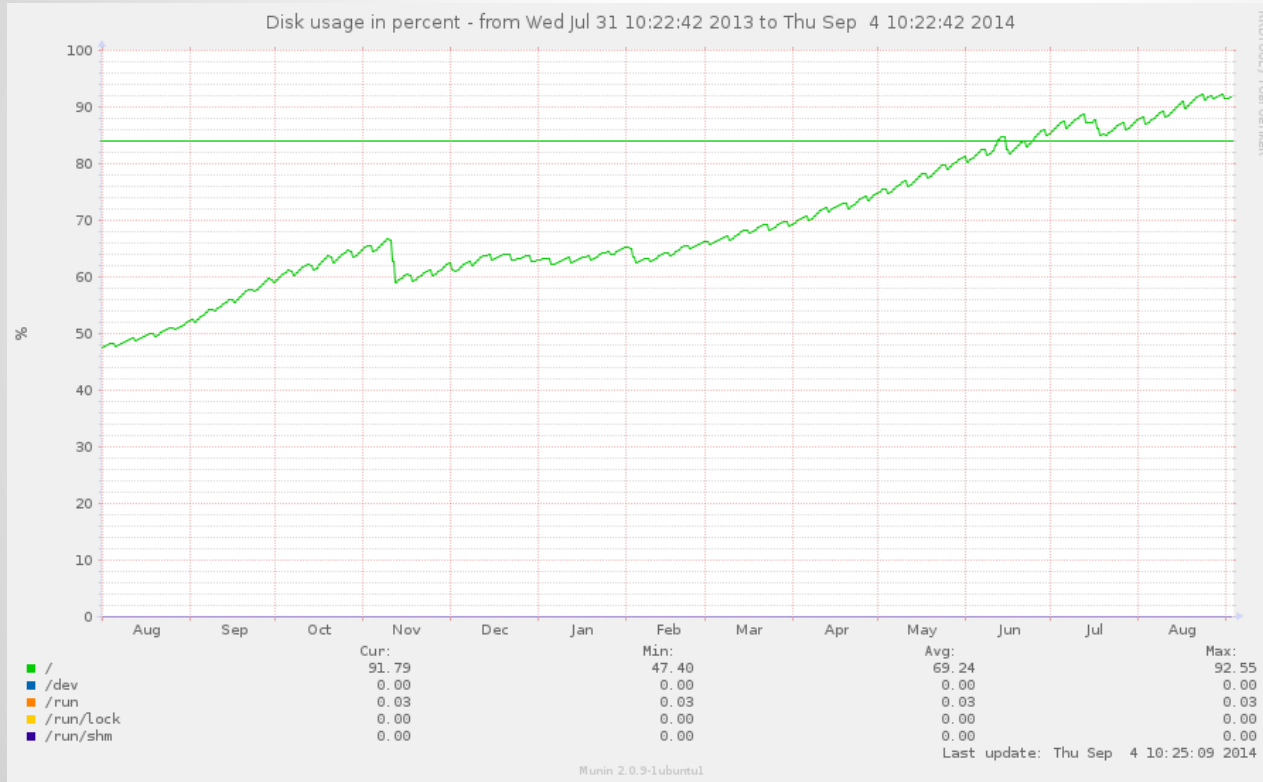
- Innsikt i systemers karakteristikk.
 - Når ting ikke går som normalt.



Verktøy #1 - Munin

- Innsikt i systemers karakteristikk.
- Spå fremtiden.
- Forutse trender på vei til en unormal/uønsket tilstand.

Verktøy #1 - Munin



Verktøy #1 - Munin

- Innsikt i systemers normale karakteristikk.
- Spå fremtiden.
- Forutse trender på vei til en unormal/uønsket tilstand.
- Komplekse systemer krever mer innsikt.

Verktøy #1 - Munin

Mer info om Munin og hvordan lage plugins på <http://munin-monitoring.org/>.

Verktøy i vår kasse

1. Munin
2. **Nagios**
3. PagerDuty
4. Papertrail
5. Geckoboard
6. StatusPage.IO
7. HipCHat

Verktøy #2 - Nagios

Formål: Bli varslet om avvik som skjer akkurat nå.

Verktøy #2 - Nagios

Parametre som overvåkes:

- Ledig minne.
- Ledig diskplass.
- Load Average.
- Prosesser.
- SSH.
- ping.
- Gjenstående gyldighetstid på SSL-sertifikater
- HTTP-sjekker mot API-er og andre tjenester.
- ZFS pool status.

General

- Home
- Documentation

Current Status

- Tactical Overview
- Map
- Hosts
- Services
- Host Groups
 - Summary
- Grid
- Service Groups
 - Summary
 - Grid
- Problems
 - Services (Unhandled)
 - Hosts (Unhandled)
 - Network Outages

Quick Search:

Reports

- Availability
- Trends
- Alerts
 - History
 - Summary
 - Histogram
- Notifications
- Event Log

System

- Comments
- Downtime
- Process Info
- Performance Info
- Scheduling Queue
- Configuration

Service Status Details For All Hosts

Host	Service	Status	Last Check	Duration	Attempt	Status Information
access.ams.optoma.no	Free Memory	OK	2014-09-04 10:55:18	74d 15h 53m 57s	1/3	MEM OK - free system memory: 810 MB
	Free Space All Disks	OK	2014-09-04 10:54:37	361d 14h 2m 32s	1/3	DISK OK - free space: / 20331 MB (85% inode=76%): /dev 487 MB (99% inode=99%): /run 98 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 495 MB (100% inode=99%): /boot 37 MB (16% inode=99%):
	Load Average	OK	2014-09-04 10:54:37	75d 16h 53m 14s	1/3	OK - load average: 0.00, 0.01, 0.05
	Processes	OK	2014-09-04 10:54:38	226d 9h 24m 20s	1/3	PROCS OK: 71 processes
	SSH	OK	2014-09-04 10:54:37	3d 5h 13m 10s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:54:42	11d 5h 0m 43s	1/3	PING OK - Packet loss = 0%, RTA = 0.49 ms
access.lon.optoma.no	Free Memory	OK	2014-09-04 10:54:59	0d 12h 47m 39s	1/3	MEM OK - free system memory: 361 MB
	Free Space All Disks	OK	2014-09-04 10:54:40	27d 14h 3m 48s	1/3	DISK OK - free space: / 6502 MB (35% inode=20%): /dev 236 MB (99% inode=99%): /run 97 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 244 MB (100% inode=99%):
	Load Average	OK	2014-09-04 10:54:40	27d 14h 3m 44s	1/3	OK - load average: 0.00, 0.01, 0.05
	Processes	OK	2014-09-04 10:54:50	27d 14h 3m 34s	1/3	PROCS OK: 105 processes
	SSH	OK	2014-09-04 10:55:08	27d 14h 3m 43s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:54:48	1d 23h 46m 10s	1/3	PING OK - Packet loss = 0%, RTA = 7.88 ms
ad-manager-prod-01.ams.optoma.no	Free Memory	OK	2014-09-04 10:55:08	74d 5h 50m 41s	1/3	MEM OK - free system memory: 3099 MB
	Free Space All Disks	OK	2014-09-04 10:54:37	107d 17h 53m 34s	1/3	DISK OK - free space: / 87585 MB (91% inode=93%): /dev 1993 MB (99% inode=99%): /run 400 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 2001 MB (100% inode=99%): /boot 37 MB (16% inode=99%):
	Load Average	OK	2014-09-04 10:54:38	78d 7h 50m 35s	1/3	OK - load average: 0.07, 0.13, 0.18
	MySQL	OK	2014-09-04 10:54:39	75d 4h 50m 52s	1/3	Uptime: 8495422 Threads: 1 Questions: 12794966 Slow queries: 0 Opens: 128690 Flush tables: 2361 Open tables: 51 Queries per second avg: 1.506
	Processes	OK	2014-09-04 10:55:02	77d 16h 20m 51s	1/3	PROCS OK: 84 processes
	SSH	OK	2014-09-04 10:55:09	98d 8h 4m 40s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:55:02	20d 23h 37m 9s	1/3	PING OK - Packet loss = 0%, RTA = 0.41 ms
ad-manager-staging-01-g18.optoma.no	Free Memory	OK	2014-09-04 10:55:11	0d 6h 26m 28s	1/3	MEM OK - free system memory: 690 MB
	Free Space All Disks	OK	2014-09-04 10:55:12	2d 23h 35m 33s	1/3	DISK OK - free space: / 6654 MB (62% inode=83%): /dev 493 MB (99% inode=99%): /run 99 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 497 MB (100% inode=99%):
	Load Average	OK	2014-09-04 10:54:59	0d 6h 27m 44s	1/3	OK - load average: 0.00, 0.03, 0.05
	MySQL	OK	2014-09-04 10:55:12	0d 6h 26m 28s	1/3	Uptime: 8506444 Threads: 1 Questions: 1973218 Slow queries: 0 Opens: 218 Flush tables: 1 Open tables: 55 Queries per second avg: 0.231
	Processes	OK	2014-09-04 10:55:12	0d 6h 26m 28s	1/3	PROCS OK: 71 processes
	SSH	OK	2014-09-04 10:54:47	0d 6h 26m 48s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:54:49	0d 6h 25m 46s	1/3	PING OK - Packet loss = 0%, RTA = 22.29 ms
atika.lon.optoma.no	Free Memory	OK	2014-09-04 10:55:11	143d 15h 51m 46s	1/3	MEM OK - free system memory: 1568 MB
	Free Space All Disks	OK	2014-09-04 10:54:42	11d 4h 56m 17s	1/3	DISK OK - free space: / 60668 MB (79% inode=87%): /dev 989 MB (99% inode=99%): /run 398 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 997 MB (100% inode=99%):
	Load Average	OK	2014-09-04 10:55:10	97d 11h 7m 7s	1/3	OK - load average: 0.01, 0.05, 0.08
	MySQL	OK	2014-09-04 10:55:18	74d 21h 23m 32s	1/3	Uptime: 8506099 Threads: 1 Questions: 9191090 Slow queries: 3771 Opens: 3571269 Flush tables: 788 Open tables: 128 Queries per second avg: 1.080
	Processes	OK	2014-09-04 10:55:30	1d 7h 52m 5s	1/3	PROCS OK: 88 processes
	SSH	OK	2014-09-04 10:54:48	4d 14h 42m 24s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:55:19	42d 0h 39m 39s	1/3	PING OK - Packet loss = 0%, RTA = 7.79 ms
blog-02.lon.optoma.no	Free Memory	OK	2014-09-04 10:55:30	27d 14h 3m 43s	1/3	MEM OK - free system memory: 681 MB
	Free Space All Disks	OK	2014-09-04 10:55:10	27d 14h 3m 34s	1/3	DISK OK - free space: / 35110 MB (91% inode=89%): /dev 487 MB (99% inode=99%): /run 98 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 495 MB (100% inode=99%):
	Load Average	OK	2014-09-04 10:55:06	1d 23h 47m 36s	1/3	OK - load average: 0.01, 0.05, 0.05
	MySQL	OK	2014-09-04 10:55:06	1d 23h 47m 36s	1/3	Uptime: 8506680 Threads: 1 Questions: 2077408 Slow queries: 0 Opens: 48146 Flush tables: 789 Open tables: 59 Queries per second avg: 0.244
	Processes	OK	2014-09-04 10:54:50	1d 23h 46m 16s	1/3	PROCS OK: 82 processes
	SSH	OK	2014-09-04 10:54:38	11d 4h 56m 22s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:55:02	11d 4h 53m 53s	1/3	PING OK - Packet loss = 0%, RTA = 8.22 ms
blog-03.lon.optoma.no	Free Memory	OK	2014-09-04 10:55:30	2d 14h 22m 5s	1/3	MEM OK - free system memory: 525 MB
	Free Space All Disks	OK	2014-09-04 10:55:10	51d 12h 59m 20s	1/3	DISK OK - free space: / 33848 MB (88% inode=89%): /dev 474 MB (99% inode=99%): /run 98 MB (99% inode=99%): /run/lock 5 MB (100% inode=99%): /run/shm 495 MB (100% inode=99%):
	Load Average	OK	2014-09-04 10:55:10	51d 12h 59m 12s	1/3	OK - load average: 0.15, 0.09, 0.12
	MySQL	OK	2014-09-04 10:54:40	51d 12h 59m 13s	1/3	Uptime: 4453200 Threads: 1 Questions: 1508344 Slow queries: 0 Opens: 23721 Flush tables: 401 Open tables: 69 Queries per second avg: 0.338
	Processes	OK	2014-09-04 10:54:42	51d 12h 58m 55s	1/3	PROCS OK: 87 processes
	SSH	OK	2014-09-04 10:54:40	51d 13h 18m 26s	1/3	SSH OK - OpenSSH_5.9p1 Debian-Subuntul.4 (protocol 2.0)
	ping	OK	2014-09-04 10:55:13	1d 23h 46m 10s	1/3	PING OK - Packet loss = 0%, RTA = 7.94 ms
blog01.lon.optoma.no	Free Memory	OK	2014-09-04 10:55:12	51d 19h 55m 20s	1/3	MEM OK - free system memory: 631 MB

Verktøy #2 - Nagios

- Varslinger sendes til epost og et eget rom på HipChat.

Verktøy #2 - Nagios

Se mer på <http://www.nagios.org/>.

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Verktøy #3 - PagerDuty

Formål:

- Sentralisert mottakspunkt for varslinger fra ulike monitoreringsystemer.

Verktøy #3 - PagerDuty

Formål:

- Sentralisert mottakspunkt for varslinger fra flere overvåkningssystemer.
- Aggregere flere innkommende varslinger.

Verktøy #3 - PagerDuty

Formål:

- Sentralisert mottakspunkt for varslinger fra flere overvåkningssystemer.
- Aggregere flere innkommende varslinger.
- Varsler rett mann på vakt.

Dashboard

Your open incidents 0 triggered 0 acknowledged	All open incidents 0 triggered 0 acknowledged
--	---

Incidents

Open 0 **Triggered 0** Acknowledged 0 Resolved 1029 All 1029 Assigned to me All

Selected Incidents: **Resolve** **Acknowledge** **Reassign** Go to incident #:

<input type="checkbox"/>	#	Created On	Details	Service	Assigned To	Status
No incidents. View all						

Show 50 incidents per page

Selected Incidents: **Resolve** **Acknowledge** **Reassign** Go to incident #:

Activity for the Past 7 Days

Service	Incident	Time	Activity
DrLib New Relic Service	1025	Sep 3, 2014 at 1:45 PM	Note added by Bogdan Nicolau . Note: Same problem as last night, with rai 04 this time.
DrLib New Relic Service	1025	Sep 3, 2014 at 1:45 PM	Resolved by Bogdan Nicolau .
DrLib New Relic Service	1025	Sep 3, 2014 at 1:39 PM	Acknowledged by Bogdan Nicolau .
DrLib New Relic Service	1025	Sep 3, 2014 at 1:33 PM	Triggered through the API. Description: Alert open: CPU > 50% - Server: drlib-rai-prod-04-ams - Policy: DrLib servers (View Message) View in New Relic
DrLib New Relic Service	1024	Sep 3, 2014 at 12:01 AM	Note added by Bogdan Nicolau . Note: heap space issue because of bygg. fixed
DrLib New Relic Service	1024	Sep 2, 2014 at 11:53 PM	Resolved through the API. Description: Alert closed: CPU > 50% - Server: drlib-rai-prod-03-ams - Policy: DrLib servers View in New Relic
DrLib New Relic Service	1024	Sep 2, 2014 at 11:37 PM	Acknowledged by Bogdan Nicolau .
DrLib New Relic Service	1024	Sep 2, 2014 at 11:35 PM	Triggered through the API. Description: Alert open: CPU > 50% - Server: drlib-rai-prod-03-ams - Policy: DrLib servers (View Message) View in New Relic
VTC Notifications	1023	Sep 2, 2014 at 11:08 PM	Triggered by email. Subject: VTC failure, ID = 490418 (View Message)
Pingdom Service	1022	Sep 1, 2014 at 11:20 AM	Resolved by email.

Verktøy #3 - PagerDuty

- Fleksibelt
 - Kan integreres med det meste.
 - Individuelle turnuser, tjenester og eskaleringsrutiner.

Verktøy #3 - PagerDuty

- Vi har integrert med:
 - Pingdom.
 - Nagios.
 - DNSMadeEasy.
 - New Relic.
 - Papertrail.
 - Generisk epost.

Verktøy - PagerDuty

Se mer på <http://pagerduty.com/>.

Verktøy i vår kasse

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Verktøy #4 - Papertrail

Formål:

- Erstatte “SSH + tail -f” på 1+ servere med noe bedre.

Verktøy #4 - Papertrail

Formål:

- Fjerne behovet for “SSH + tail -f på 1+ servere.
- Bli varslet om hendelser i logger.

Verktøy #4 - Papertrail

- Sentralisert mottakssystem.

Verktøy #4 - Papertrail

- Sentralisert mottakssystem.
- Vi valgte å bruke logshippingsagenten nxlog.

Verktøy #4 - Papertrail

Eksempler på monitorerte systemlogger på Ubuntu:

- `/var/log/syslog`
- `/var/log/nxlog/nxlog.log`
- `/var/log/dmesg`
- `/var/log/unattended-upgrades/unattended-upgrades.log`
- `/var/log/apt/history.log`
- `/var/log/fsck/checkfs`
- `/var/log/fsck/checkroot`
- `/var/log/auth.log`

Verktøy #4 - Papertrail

Eksempler på applikasjonsspesifikke monitorerte logger:

- `/var/log/chef/*.log`
- `/var/log/aptoma/*.log` (for Aptoma-spesifikke loggdata)
- `/var/log/apache2/*.log` (if `role == apache-server`)
- `/var/log/varnish/*.log` (if `role == varnish-server`)
- `/var/log/node/*.log` (if `role == nodejs-server`)

Verktøy #4 - Papertrail

- Aggregerer en strøm av ønskede data og følg med i “real time”

04	11:23:42	custom-apps-02.ams.aptoma.no	default.news-portal.aptoma.no	access.log	10.68.23.199	66.249.67.82,10.104.124.24	-	[04/Sep/2014:11:23:42 +0200]	GET /sidebar/siste/byggsiten/errfors=1 HTTP/1.1	200	537	-	"Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)"
04	11:23:42	ad-manager-prod-01.ams.aptoma.no	ad-manager-api.aptoma.no	access.log	10.68.23.199	159.253.143.126,10.104.124.24	bygg-frontend	[04/Sep/2014:11:23:37 +0200]	"GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Hage%2CDrivhus%2CHagemesse%2CBildekarusell HTTP/1.1"	200	26286	-	"Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13"
04	11:23:42	ad-manager-prod-01.ams.aptoma.no	ad-manager-api.aptoma.no	access.log	10.68.23.199	159.253.143.126,10.104.124.24	bygg-frontend	[04/Sep/2014:11:23:40 +0200]	"GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Urter HTTP/1.1"	200	22	-	"Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13"
04	11:23:42	ad-manager-prod-01.ams.aptoma.no	ad-manager-api.aptoma.no	access.log	10.68.23.219	5.153.0.74,10.104.124.24	bygg-frontend	[04/Sep/2014:11:23:41 +0200]	"GET /accounts/3/sections/topButtons/ad-units?fields=embed&state=active&tags=Byggevarer HTTP/1.1"	200	2155	-	"Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13"
04	11:23:42	ad-manager-prod-01.ams.aptoma.no	ad-manager-api.aptoma.no	access.log	10.68.23.199	159.253.143.126,10.104.124.24	bygg-frontend	[04/Sep/2014:11:23:41 +0200]	"GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=MCC HTTP/1.1"	200	22	-	"Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13"
04	11:23:43	ad-manager-prod-01.ams.aptoma.no	ad-manager-api.aptoma.no	access.log	10.68.23.199	159.253.143.126,10.104.124.24	bygg-frontend	[04/Sep/2014:11:23:41 +0200]	"GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Stillinger HTTP/1.1"	200	29969	-	"Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13"
04	11:23:43	webappdrfront02.lon.aptoma.no	nettavisen.drfront.aptoma.no	access.log	10.190.254.6	188.94.216.212	-	[04/Sep/2014:11:23:38 +0200]	"GET /event?since=1409822558 HTTP/1.1"	200	74	-	"https://nettavisen.drfront.aptoma.no/" "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0"
04	11:23:43	webappdrfront02.lon.aptoma.no	nettavisen.drfront.aptoma.no	access.log	10.190.254.6	188.94.216.212	-	[04/Sep/2014:11:23:40 +0200]	"GET /event?since=1409822560 HTTP/1.1"	200	74	-	"https://nettavisen.drfront.aptoma.no/" "Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/37.0.2062.103 Safari/537.36"
04	11:23:43	webappdrfront02.lon.aptoma.no	nettavisen.drfront.aptoma.no	access.log	10.190.254.6	188.94.216.212	-	[04/Sep/2014:11:23:40 +0200]	"GET /event?since=1409822560 HTTP/1.1"	200	74	-	"https://nettavisen.drfront.aptoma.no/" "Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/36.0.1985.143 Safari/537.36"
04	11:23:43	webappdrfront02.lon.aptoma.no	sol.drfront.aptoma.no	access.log	10.190.254.6	91.195.8.242	-	[04/Sep/2014:11:23:41 +0200]	"GET /event?since=1409822560 HTTP/1.1"	200	74	-	"https://sol.drfront.aptoma.no/" "Mozilla/5.0 (Windows NT 6.3; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/36.0.1985.143 Safari/537.36"
04	11:23:43	drp-backoffice-01.ams.aptoma.no	uin.drpublish.aptoma.no	access.log	10.68.23.219	158.39.61.117,10.104.124.24	-	[04/Sep/2014:11:23:40 +0200]	"POST /prod/drpublish/events.php?time=1409822620&id=15538 HTTP/1.1"	200	177	-	"http://uin.drpublish.aptoma.no/prod/drpublish/" "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0"
04	11:23:43	drf-web-dev-02-g18.aptoma.no	sandbox-dev.drfront.aptoma.no	access.log	213.166.162.189	80.91.33.145,213.166.162.187	-	[04/Sep/2014:11:23:38 +0200]	"GET /event?since=1409822558 HTTP/1.0"	200	55	-	"https://fedrelandsvennen-dev.drfront.aptoma.no/" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_9_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/37.0.2062.94 Safari/537.36"
04	11:23:43	drp-backoffice-01.ams.aptoma.no	uin.drpublish.aptoma.no	access.log	10.68.23.219	158.39.61.113,10.104.124.24	-	[04/Sep/2014:11:23:42 +0200]	"POST /prod/drpublish/events.php?time=1409822622&id=15152 HTTP/1.1"	200	276	-	"http://uin.drpublish.aptoma.no/prod/drpublish/" "Mozilla/5.0 (Windows NT 6.1; WOW64; rv:24.0) Gecko/20100101 Firefox/24.0"
04	11:23:43	drp-backoffice-01.ams.aptoma.no	uin.drpublish.aptoma.no	access.log	10.68.23.199	158.39.61.36,10.104.124.24	-	[04/Sep/2014:11:23:43 +0200]	"POST /prod/drpublish/events.php?time=1409822623&id=15066 HTTP/1.1"	200	140	-	"http://uin.drpublish.aptoma.no/prod/drpublish/" "Mozilla/5.0 (Windows NT 6.1; rv:31.0) Gecko/20100101 Firefox/31.0"
04	11:23:43	drp-videodata-prod-02.ams.aptoma.no	aftonbladet-play.videodata.drvideo.aptoma.no	access.log	10.68.23.219	2.71.253.19,10.68.23.222	-	[04/Sep/2014:11:23:39 +0200]	"GET /actions/video/?id=6b6219d35691684902f403e8a612903ce3d003418ac2aa4ec98fa0e41cedd9a-1400005861&formats&callback=DrVideo_loaders.core.loaded HTTP/1.1"	200	604	-	"http://tv.aftonbladet.se/webbtv/nyheter/brott-och-straff/brottscentralen/article42296.ab" "Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36"
04	11:23:43	drp-videodata-prod-02.ams.aptoma.no	aftonbladet-play.videodata.drvideo.aptoma.no	access.log	10.68.23.219	194.14.252.14,10.68.23.222	-	[04/Sep/2014:11:23:41 +0200]	"GET /actions/video/?id=87b5d921ab7cc5dde7f75bd210f7ea0c60af3fad8575e6948fca0d95650605-1409572803&formats&callback=DrVideo_loaders.core.loaded HTTP/1.1"	200	566	-	"http://tv.aftonbladet.se/webbtv/noje/tv/article49411.ab?service=embedded&statsAutoStart=false&showrelated=true" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_9_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/36.0.1985.143 Safari/537.36"
04	11:23:43	drp-videodata-prod-02.ams.aptoma.no	aftonbladet-play.videodata.drvideo.aptoma.no	access.log	10.68.23.199	83.251.144.208,10.68.23.222	-	[04/Sep/2014:11:23:43 +0200]	"GET /actions/video/?id=4911c96ef68e793c89f972aa67175803e0f93e0489dcab8f5f420c01556aa107-1409639348&formats&callback=DrVideo_loaders.core.loaded HTTP/1.1"	200	565	-	"http://tv.aftonbladet.se/webbtv/nyheter/klimat-och-miljo/article49487.ab?service=embedded&statsAutoStart=true&showrelated=true" "Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/36.0.1985.143 Safari/537.36"
04	11:23:44	drp-dev-01-g18.aptoma.no	drp-dev.aptoma.no	access.log	213.166.162.133	-	-	[04/Sep/2014:11:23:39 +0200]	"GET /stefan/drpublish/dash.php?do=rss&url=http%3A%2Ffeeds.reuters.com%2FReuters%2FtopNews%3Fformat%3Dxml HTTP/1.1"	200	2330	-	"Mozilla/5.0 (Windows NT 6.3; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0"
04	11:23:44	imbo-prod-01-ams.aptoma.no	imbo.aptoma.no	access.log	10.68.23.209	-	-	[04/Sep/2014:11:23:39 +0200]	"GET /status.json HTTP/1.1"	200	71	-	"-"
04	11:23:44	drp-dev-01-g18.aptoma.no	drp-dev.aptoma.no	access.log	213.166.162.133	-	-	[04/Sep/2014:11:23:41 +0200]	"POST /michael/drpublish/events.php?time=1409822621&id=20550153 HTTP/1.1"	200	195	-	"http://drp-dev.aptoma.no/michael/drpublish/" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Ubuntu Chromium/36.0.1985.125 Chrome/36.0.1985.125 Safari/537.36 FirePHP/4Chrome"
04	11:23:44	drp-dev-01-g18.aptoma.no	drp-dev.aptoma.no	access.log	213.166.162.133	-	-	[04/Sep/2014:11:23:41 +0200]	"POST /stefan/drpublish/events.php?time=1409822622&id=0 HTTP/1.1"	200	139	-	"http://drp-dev.aptoma.no/stefan/drpublish/" "Mozilla/5.0 (Windows NT 6.3; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0"
04	11:23:44	imbo-prod-01-ams.aptoma.no	imbo.aptoma.no	access.log	134.213.24.40	-	-	[04/Sep/2014:11:23:40 +0200]	"GET /status.json HTTP/1.1"	200	71	-	"-"
04	11:23:44	imbo-prod-01-ams.aptoma.no	imbo.aptoma.no	access.log	95.138.161.107	-	-	[04/Sep/2014:11:23:41 +0200]	"GET /status.json HTTP/1.1"	200	71	-	"-"
04	11:23:44	imbo-prod-01-ams.aptoma.no	imbo.aptoma.no	access.log	10.68.23.199	-	-	[04/Sep/2014:11:23:43 +0200]	"GET /status.json HTTP/1.1"	200	71	-	"-"
04	11:23:44	imbo-prod-01-ams.aptoma.no	imbo.aptoma.no	access.log	10.68.23.219	-	-	[04/Sep/2014:11:23:43 +0200]	"GET /status.json HTTP/1.1"	200	71	-	"-"

<pre> Sep 04 11:24:17 custom-apps-02.ams.aptoma.no default.news-portal.aptoma.no access.log: 134.213.24.40 66.249.69.105,10.190.254.7 - [04/Sep/2014:11:24:16 +0200] "GET /nager/article/1192988 HTTP/1.1" 200 1077 "-" Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.219 5.153.0.74,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:14 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Bygg.no HTTP/1.1" 200 107164 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.219 5.153.0.74,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:14 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Bygg.no%2CBetong%2CBetong%2CFol%2CFoU HTTP/1.1" 200 12547 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.199 159.253.143.126,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:14 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Konkurs HTTP/1.1" 200 22 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.219 5.153.0.74,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:16 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Hage HTTP/1.1" 200 25655 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.219 5.153.0.74,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:16 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Hage%2CHagem%3CB8bler%2CUterom%2CTerrasse HTTP/1.1" 200 25655 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:17 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.199 159.253.143.126,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:17 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=Bygg%2CN%3CA6ringsliv HTTP/1.1" 200 8391 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:18 ad-manager-prod-01.ams.aptoma.no ad-manager-api.aptoma.no access.log: 10.68.23.199 5.153.0.74,10.104.124.24 bygg-frontend [04/Sep/2014:11:24:17 +0200] "GET /accounts/3/sections?indexBy=slug&expand=adUnits&state=active&tags=BNL HTTP/1.1" 200 22 "-" "Guzzle/3.7.4 curl/7.22.0 PHP/5.3.10-lubuntu3.13" Sep 04 11:24:18 drp-backoffice-01.ams.aptoma.no uin.drpublish.aptoma.no access.log: 10.68.23.199 158.39.61.36,10.104.124.24 - [04/Sep/2014:11:24:13 +0200] "POST /prod/drpublish/events.php?time=1409822653&id=15066 HTTP/1.1" 200 140 "http://uin.drpublish.aptoma.no/prod/drpublish/" Mozilla/5.0 (Windows NT 6.1; rv:31.0) Gecko/20100101 Firefox/31.0" Sep 04 11:24:18 drp-backoffice-01.ams.aptoma.no uin.drpublish.aptoma.no access.log: 10.68.23.219 158.39.61.120,10.104.124.24 - [04/Sep/2014:11:24:15 +0200] "POST /prod/drpublish/events.php?time=1409822654&id=15176 HTTP/1.1" 200 177 "http://uin.drpublish.aptoma.no/prod/drpublish/" Mozilla/5.0 (Windows NT 6.1; WOW64; rv:12.0) Gecko/20100101 Firefox/12.0" Sep 04 11:24:18 drp-backoffice-01.ams.aptoma.no uin.drpublish.aptoma.no access.log: 10.68.23.199 158.39.61.118,10.104.124.24 - [04/Sep/2014:11:24:17 +0200] "POST /prod/drpublish/events.php?time=1409822657&id=15152 HTTP/1.1" 200 270 "http://uin.drpublish.aptoma.no/prod/drpublish/" Mozilla/5.0 (Windows NT 6.1; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:14 +0200] "GET /actions/video/native/?id=c44d41689c550c757d0e72da799c2b6f3e8584bf278476edb036f70ec3230a-1409818743 HTTP/1.1" 200 451 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:14 +0200] "GET /actions/video/native/?id=a6362f827b63e2ca538c306662adca4bf5b6bb3f98d64935f0a397f9e3f12fe12-1409820906 HTTP/1.1" 200 451 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:14 +0200] "GET /actions/video/native/?id=4ee74a61a567f2a518c6d4b7b08e5dc34e049d721e511f39a1ffa202f6a9a8c72-1409772122 HTTP/1.1" 200 449 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.199 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:15 +0200] "GET /actions/video/native/?id=b44137264d14a5d66f7b60082adca55e3c5211144f64f948466a7627456d3451-1409770088 HTTP/1.1" 200 450 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:15 +0200] "GET /actions/video/native/?id=0b267859934e3a8e5c395b0d319f08e0c26b39b62c7fbb599e2f2b226172d4-1409766606 HTTP/1.1" 200 451 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.199 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:15 +0200] "GET /actions/video/native/?id=cf8570efb56db74c21cebe694942d742bf63659ee725c870e46bb8b61d99088-1409395502 HTTP/1.1" 200 450 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 192.71.240.5,10.68.23.222 - [04/Sep/2014:11:24:15 +0200] "GET /actions/video/native/?id=ae03eb8f0e2aeb808c5ce388997a2431134fbb8b4401e5b11f20f6ddbd4174-1409757245 HTTP/1.1" 200 449 "-" "Jakarta Commons-HttpClient/3.1" Sep 04 11:24:18 drv-videodata-prod-02.ams.aptoma.no aftonbladet-play.videodata.drvideo.aptoma.no access.log: 10.68.23.219 195.67.252.6,10.68.23.222 - [04/Sep/2014:11:24:16 +0200] "GET /actions/video/?id=87aade2fc3577ec98ca055b9adb361872edbcfa40de29db63f06bb9bd78c1e-1408227601&formats&callback=DrVideo.loaders.core.loaded HTTP/1.1" 200 554 "http://tv.aftonbladet.se/webbtv/nhyeter/Live/senaste/article48320.ab" Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/7.0; rv:11.0) like Gecko" Sep 04 11:24:19 drp-dev-01-g18.aptoma.no drp-dev.aptoma.no access.log: 213.166.162.133 - - [04/Sep/2014:11:24:16 +0200] "POST /stefan/drpublish/events.php?time=1409822657&id=0 HTTP/1.1" 200 140 "http://drp-dev.aptoma.no/stefan/drpublish/" Mozilla/5.0 (Windows NT 6.3; WOW64; rv:31.0) Gecko/20100101 Firefox/31.0 FirePHP/0.7.4" Sep 04 11:24:19 imbo-prod-01-ams.aptoma.no imbo.aptoma.no access.log: 10.68.23.209 - - [04/Sep/2014:11:24:14 +0200] "GET /status.json HTTP/1.1" 200 71 "-" "-" Sep 04 11:24:19 drp-dev-01-g18.aptoma.no drp-dev.aptoma.no access.log: 213.166.162.133 - - [04/Sep/2014:11:24:17 +0200] "POST /stefan/drpublish/io/NewsML?apikey=vInland& HTTP/1.1" 200 81 "-" "Mozilla/5.0 (Windows NT 6.3; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/37.0.2062.103 Safari/537.36" Sep 04 11:24:19 imbo-prod-01-ams.aptoma.no imbo.aptoma.no access.log: 134.213.24.40 - - [04/Sep/2014:11:24:15 +0200] "GET /status.json HTTP/1.1" 200 71 "-" "-" Sep 04 11:24:19 imbo-prod-01-ams.aptoma.no imbo.aptoma.no access.log: 95.138.161.107 - - [04/Sep/2014:11:24:16 +0200] "GET /status.json HTTP/1.1" 200 71 "-" "-" Sep 04 11:24:19 imbo-prod-01-ams.aptoma.no imbo.aptoma.no access.log: 10.68.23.199 - - [04/Sep/2014:11:24:18 +0200] "GET /status.json HTTP/1.1" 200 71 "-" "-" Sep 04 11:24:19 imbo-prod-01-ams.aptoma.no imbo.aptoma.no access.log: 10.68.23.219 - - [04/Sep/2014:11:24:18 +0200] "GET /status.json HTTP/1.1" 200 71 "-" "-" </pre>
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Verktøy #4 - Papertrail

- Lagre søk

Verktøy #4 - Papertrail

- Lagre søk
- Ager på innhold i loggstrømmen.

Verktøy #4 - Papertrail

- Lagre søk
- Ager på innhold i loggstrømmen.
 - Query: (deprecated OR E_DEPRECATED) error.log

Verktøy #4 - Papertrail

- Lagre søk
- Ager på innhold i loggstrømmen.
 - Query: error.log MaxClients

Verktøy #4 - Papertrail

- Lagre søk
- Ager på innhold i loggstrømmen.
 - Query: `program:node-smooth-storage.log GET /users/ images/`

Verktøy #4 - Papertrail

- Lagre søk
- Ager på innhold i loggstrømmen.
 - Query: app.log msExec WARNING

Verktøy #4 - Papertrail

Integrert med:

- PagerDuty
- HipChat
- Geckoboard
- Librato
- Webhooks
- .. og varsling på epost.

Verktøy #4 - Papertrail

Se mer på <http://papertrailapp.com/>.

Verktøy i vår kasse

1. Munin
2. Nagios
3. PagerDuty
4. Papertrail
5. **Geckoboard**
6. StatusPage.IO
7. HipCHat

Verktøy #5 - Geckoboard

Formål:

- Å dele status om våre tjenester akkurat nå med alle på kontoret.

Verktøy #5 - Geckoboard

Formål:

- Å dele status om våre tjenester akkurat nå med alle på kontoret.
- Skape felles innsikt, interesse og motivasjon.

Verktøy #5 - Geckoboard

Formål:

- Å dele status om våre tjenester akkurat nå med alle på kontoret.
- Skape felles innsikt, interesse og motivasjon.
- Verktøy for førstelinjesupport



12:39

Monday
8 Sep 2014

Clock

ZENDESK

1d 8h
Average reply time

Zendesk

ZENDESK OLDEST UNSOLVED TICKET

3mo 12d
#1888 Rikstoto-video mangler på

Zendesk

ZENDESK TICKETS

0/0	high/urgent priority
10	normal priority
0/0	no/low priority

Zendesk

JENKINS STATUS

0	Failed
0	Aborted
1	OK

Builds are ok

Jenkins

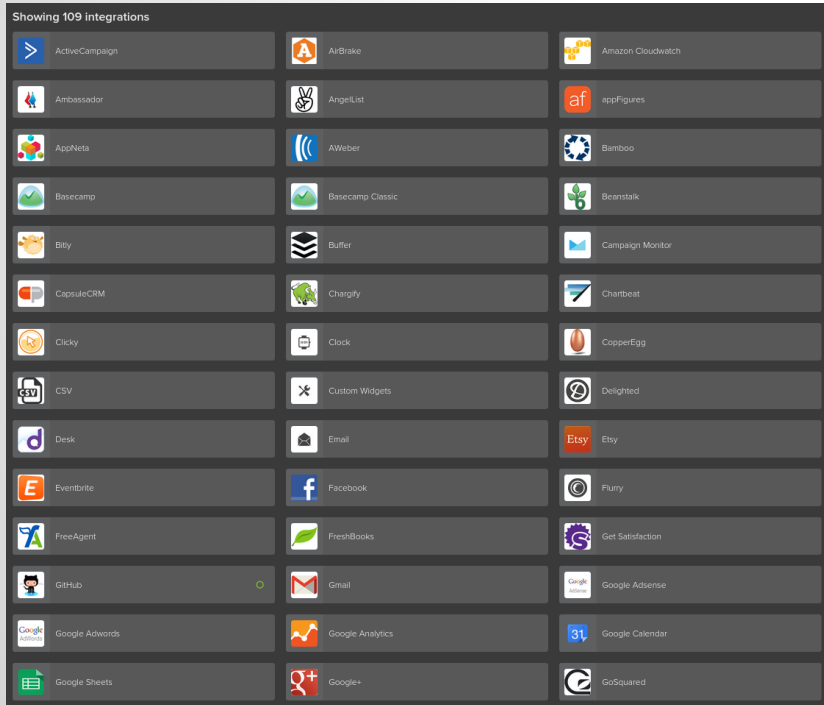
OSLO WEATHER FORECAST

14°
Mostly Cloudy

Custom Widgets

Verktøy #5 - Geckoboard

Kan integreres med det meste.



Verktøy #5 - Geckoboard

Se mer på <https://www.geckoboard.com/>.

Verktøy i vår kasse

1. Munin
2. Nagios
3. PagerDuty
4. Papertrail
5. Geckoboard
6. **StatusPage.IO**
7. HipCHat

Verktøy #6 - StatusPage.IO

Formål:

- vise Aptoma SaaS status til våre kunder på <http://status.aptoma.com/>

Verktøy #6 - StatusPage.IO

Formål:

- vise Aptoma SaaS status til våre kunder på <http://status.apptoma.com/>
- Effektivisere informasjonsflyt internt ved driftsavvik.

Verktøy #6 - StatusPage.IO

Formål:

- vise Aptoma SaaS status til våre kunder på <http://status.aptoma.com/>
- Effektivisere informasjonsflyt internt ved driftsavvik.
- Eksternt driftet tjeneste.

Verktøy - StatusPage.IO

Formål:

- Vise Aptoma SaaS status til våre kunder på <http://status.aptoma.com/>
- Effektivisere informasjonsflyt internt ved driftsavvik.
- Ekstern hosting vil bli uberørt av eventuelle situasjoner med våre egen infrastruktur.
- Sende varslinger til berørte parter via epost, SMS og [@aptomaops](https://twitter.com/aptomaops).

All Systems Operational

Refreshed 3 minutes ago

















































































DrFront	Operational
DrVideo	Operational
DrPublish	Operational
DrMobile	Operational
DrVideo Encoding	Operational
CDN services ?	Operational
News Portal ?	Operational

Past Incidents

Sep 4, 2014

No incidents reported today.

Overview

Name ▲	Aug 29	Aug 30	Aug 31	Sep 1	Sep 2	Sep 3	Sep 4
 Atika Backoffice							
 DrFront Backoffice							
 DrFront Realtime Component							
 DrMobile Backoffice							
 DrPublish API							
 DrPublish Backoffice							
 DrVideo API							
 DrVideo Backoffice							
 DrVideo CDN							
 DrVideo Encoding							

 Show rows per page

Verktøy #6 - StatusPage.IO

Se mer på <https://www.statuspage.io/>

Verktøy i vår kasse

1. Munin
2. Nagios
3. PagerDuty
4. Papertrail
5. Geckoboard
6. StatusPage.IO
7. **HipChat**

Verktøy #7 - HipChat

Formål:

- Få innsikt i hva som skjer uten å måtte gå rundt og spørre folk.

Verktøy - HipChat

Formål:

- Få innsikt i hva som skjer uten å måtte gå rundt og spørre folk.
- Lavterskeltilbud for å spørre om hjelp.

- Aptoma AS
- Kitchen Sink
- AMP
- PagerDuty
- AMPNews
- DrEdition

This is the room where we add all custom integrations for show and testing.

GitHub	johansyd pushed to branch master of aptoma/metadata.api - Activating php memcached for travis. (ba26fa4)	17:47
Thursday September 4, 2014		
GitHub	gunnarlium pushed to branch develop of aptoma/news-portal - [bygg] Improving logging of DrLib errors (f3ca1e7)	8:17
Deploy	Gunnar Lium is deploying news-portal/develop to Staging.	8:17
Deploy	Gunnar Lium finished deploying news-portal/develop to Staging.	8:18
GitHub	rudolfreck pushed to branch develop of aptoma/layoutpreview - Update release notes (e2ed5bc) - Update dist files (4f08647)	8:43
GitHub	rudolfreck pushed to branch develop of aptoma/layoutpreview - Release 1.4.1 (46b5061)	8:46
GitHub	rudolfreck created tag 1.4.1 of aptoma/layoutpreview	8:46
Deploy	Peter Rudolfsen is deploying layoutpreview/develop (revision 46b50618) to saas-stage (DrMobile-SaaS-staging).	8:47
Deploy	Peter Rudolfsen finished deploying layoutpreview/develop (revision 46b50618) to saas-stage (DrMobile-SaaS-staging).	8:48
GitHub	rudolfreck fast-forward pushed branch master of aptoma/layoutpreview to 46b506	8:50
Deploy	Peter Rudolfsen is deploying layoutpreview/develop (revision 46b50618) to vg-stage (VG Staging).	8:53
Deploy	Peter Rudolfsen finished deploying layoutpreview/develop (revision 46b50618) to vg-stage (VG Staging).	8:53
Travis CI	aptoma/layoutpreview#208 (1.4.1 - 46b5061 : Peter Rudolfsen): the build has passed	8:56
Travis CI	Change view: https://github.com/aptoma/layoutpreview/compare/1.4.1	8:56
Travis CI	Build details: http://magnum.travis-ci.com/aptoma/layoutpreview/builds/5868074	8:56
GitHub	gunnarlium fast-forward pushed branch master of aptoma/news-portal to f3ca1e	9:01
Deploy	Gunnar Lium is deploying news-portal/master to Production.	9:01
Deploy	Gunnar Lium finished deploying news-portal/master to Production.	9:02
GitHub	johansyd pushed to branch master of aptoma/drvideo.admin - Adding php ini config (74d51b6) - Adding travis configuration (e995ec5) - Adding travis client for development. (e38448f) - Adding coveralls for code coverage. (c2917cf)	10:22

- Håkon I
- Ketil Øv
- Gunnar
- Johan S
- Peter R

- Lobby
- Aptoma AS
- Kitchen Sink
- AMP
- PagerDuty
- AMPNews

PagerDuty	Incident 1028 acknowledged by Håkon Drange : DOWN alert: ASS Backup Service (div-services-prod-01-ams.aptoma.no) is DOWN	14:10
PagerDuty	Incident 1028 acknowledged by Håkon Drange : DOWN alert: ASS Backup Service (div-services-prod-01-ams.aptoma.no) is DOWN	14:10
PagerDuty	Incident 1028 resolved: DOWN alert: ASS Backup Service (div-services-prod-01-ams.aptoma.no) is DOWN	14:17
Friday September 5, 2014		
Nagios	<p>Thu Sept 4 22:57:24 UTC 2014 - SSH on access.ams.aptoma.no (nagios@nagios)</p> <p>Type: PROBLEM</p> <p>Host: access.ams.aptoma.no (5.153.5.93)</p> <p>State: CRITICAL</p> <p>Info:</p> <p>Server answer:</p>	0:57
Nagios	<p>Thu Sept 4 22:58:24 UTC 2014 - SSH on access.ams.aptoma.no (nagios@nagios)</p> <p>Type: RECOVERY</p> <p>Host: access.ams.aptoma.no (5.153.5.93)</p> <p>State: OK</p> <p>Info:</p> <p>SSH OK - OpenSSH_5.9p1 Debian-5ubuntu1.4 (protocol 2.0)</p>	0:58
Papertrail	"error.log Apache MaxClients exceeded" search found 1 match — https://papertrailapp.com/searches/1489773	1:14
Papertrail	Sep 05 01:13:54 drp-backoffice-prod-01-ams.aptoma.no error.log: [Fri Sep 05 01:13:45 2014] [error] server reached MaxClients setting, consider raising the MaxClients setting	1:14
Nagios	<p>Thu Sept 4 23:15:24 UTC 2014 - Load Average on drp-backoffice-prod-01-ams.aptoma.no (nagios@nagios)</p> <p>Type: PROBLEM</p> <p>Host: drp-backoffice-prod-01-ams.aptoma.no (159.253.138.46)</p> <p>State: WARNING</p> <p>Info:</p> <p>WARNING - load average: 18.28, 11.85, 4.94</p>	1:15
Nagios	<p>Thu Sept 4 23:16:24 UTC 2014 - Load Average on drp-backoffice-prod-01-ams.aptoma.no (nagios@nagios)</p> <p>Type: RECOVERY</p> <p>Host: drp-backoffice-prod-01-ams.aptoma.no (159.253.138.46)</p> <p>State: OK</p> <p>Info:</p> <p>OK - load average: 7.35, 9.87, 4.69</p>	1:16

- Håkon Drange
- Ketil Øvrebø
- Johan Sydseter
- Peter Rudolfsen

Verktøy #7 - HipChat

- Viktig verktøy som samler informasjon fra andre systemer og presenterer det på et sentralisert sted.

Verktøy #7 - HipChat

- Viktig verktøy som samler informasjon fra andre systemer og presenterer det på et sentralisert sted.
- HipChat er stedet hvor utviklerne er.

Oppsummering

Oppsummering

DevOps filosofi (CAMS)

- Culture
- Automation
- Measurement
- Sharing

Oppsummering

Er flaskehalsen prosess eller teknisk?

Oppsummering

Teknologi, verktøy og kultur henger sammen.

Oppsummering

Spørsmål?

Takk for meg

Epost: haakon@aptoma.com

Twitter: [@haakond](https://twitter.com/haakond)

Slides: <http://apto.ma/slides-2014-09-09-hd>

WWW: <http://aptoma.com/>

Referanser

- <http://munin-monitoring.org/>
- <http://www.nagios.org/>
- <http://pagerduty.com/>
- <http://papertrailapp.com/>
- <http://geckoboard.com/>
- <http://www.statuspage.io>
- <http://www.hipchat.com/>
- [http://www.montezumamfg.com/uploaded_files/images/products/l_72df3edcdf6bdb4d79beade531dcf64ME300ALR-\(tray-open\).jpg](http://www.montezumamfg.com/uploaded_files/images/products/l_72df3edcdf6bdb4d79beade531dcf64ME300ALR-(tray-open).jpg)