

Quick Start brugervejledning for Nagios systemovervågning

Denne guide hjælper dig til at komme godt i gang med Nagios.



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Tilslutning

Nagios systemovervågning leveres som en Serverboks + strømforsyning. Såfremt der er valgt et SMS modem, er dette også inkluderet. SMS modemmet er af USB-stick typen og skal blot isættes en vilkårlig USB-port.

Tilslut Serverboks til netværket med et netværkskabel, isæt USB-stick modem, hvis dette er inkluderet.

Tilslut strømforsyning, helst til et UPS sikret strømudtag, og isæt microusb kablet i Serverboksen.

Du skulle nu være kørende.

Brug

Webinterface

Åben en browser og angiv URLen:

<http://<nagios-ip>/nagios3>

Dette vil vise en login prompt, hvor der kan logges ind med:

Bruger: nagiosadmin

Adgangskode: [nagios adgangskode som er angivet i det medfølgende klargøringsdokument]

Herefter bliver du logget på og velkomstsiden vises:

Nagios®

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Nagios® Core™
Version 3.5.1

August 30, 2013
[Check for updates](#)

Get Started

- [Start monitoring your infrastructure](#)
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- [Extend Nagios with hundreds of addons](#)
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Quick Links

- [Nagios Library](#) (tutorials and docs)
- [Nagios Labs](#) (development blog)
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- [Nagios.org](#) (project)

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Klik på Tactical Overview for at få vist et overblik.

Nagios®

Tactical Monitoring Overview
 Last Updated: Wed Feb 22 09:04:19 CET 2017
 Updated every 90 seconds
 Nagios® Core™ 3.5.1 - www.nagios.org
 Logged in as nagiosadmin

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Network Outages
 0 Outages

Hosts
 0 Down 0 Unreachable 7 Up 0 Pending

Services
 0 Critical 1 Warning 0 Unknown 27 Ok 0 Pending

Monitoring Performance
 Service Check Execution Time: 0.00 / 4.02 / 0.882 sec
 Service Check Latency: 0.01 / 0.24 / 0.116 sec
 Host Check Execution Time: 4.00 / 4.02 / 4.009 sec
 Host Check Latency: 0.09 / 0.94 / 0.250 sec
 # Active Host / Service Checks: 7 / 28
 # Passive Host / Service Checks: 0 / 0

Network Health
 Host Health:
 Service Health:

Monitoring Features

Flap Detection	Notifications	Event Handlers	Active Checks	Passive Checks
✓ All Services Enabled	✓ 1 Service Disabled	✓ 8 Services Disabled	✓ All Services Enabled	✓ All Services Enabled
No Services Flapping	All Hosts Enabled	All Hosts Enabled	All Hosts Enabled	All Hosts Enabled
All Hosts Enabled				
No Hosts Flapping				

Klik på Services for at få vist et overblik over alle monitorerede services.

Current Network Status
 Last Updated: Thu Jun 29 10:59:32 CEST 2017
 Updated every 90 seconds
 Nagios® Core™ 3.5.1 - www.nagios.org
 Logged in as nagiosadmin

Host Status Totals
 Up: 1, Down: 0, Unreachable: 0, Pending: 0
 All Problems: 0, All Types: 1

Service Status Totals
 Ok: 8, Warning: 0, Unknown: 0, Critical: 4, Pending: 0
 All Problems: 4, All Types: 12

Service Status Details For All Hosts

Host	Service	Status	Last Check	Duration	Attempt	Status Information
localhost	Boomerang_interface	CRITICAL	2017-06-29 10:59:01	1d 1h 23m 31s	4/4	CRITICAL - Timeout
	CPU temperature	OK	2017-06-29 10:55:14	14d 17h 47m 59s	1/4	OK - 50 - Normal
	Co2	CRITICAL	2017-06-29 10:59:14	1d 1h 28m 18s	4/4	CRITICAL - Timeout
	Current Load	OK	2017-06-29 10:55:14	35d 11h 23m 15s	1/4	OK - load average: 0.41, 0.11, 0.03
	Current Users	OK	2017-06-29 10:55:14	35d 11h 22m 25s	1/4	USERS OK - 0 users currently logged in
	Kaleskab nr.1	CRITICAL	2017-06-29 10:58:45	5d 19h 22m 16s	4/4	CRITICAL - Timeout
	PING	OK	2017-06-29 10:55:14	35d 10h 33m 46s	1/4	PING OK - Packet loss = 0%, RTA = 0.15 ms
	Pt100	CRITICAL	2017-06-29 10:55:14	21d 15h 56m 46s	4/4	CRITICAL - Timeout
	Root Partition	OK	2017-06-29 10:55:14	35d 10h 32m 16s	1/4	DISK OK - free space: / 11893 MB (85% inode=92%):
	SSH	OK	2017-06-29 10:55:14	35d 11h 19m 55s	1/4	SSH OK - OpenSSH_6.7p1 Raspbian-5+deb8u3 (protocol 2.0)
	Swap Usage	OK	2017-06-29 10:55:14	35d 10h 37m 53s	1/4	SWAP OK - 100% free (99 MB out of 99 MB)
	Total Processes	OK	2017-06-29 10:55:14	35d 10h 36m 23s	1/4	PROCS OK: 51 processes with STATE = RSZDT

Results 1 - 12 of 12 Matching Services

Håndtering af alarmer

En service der er alarm på bliver vist med rødt i oversigterne.

For at acceptere en alarm, og derved undgå gentagne notifikationer, klikkes på servicenavnet.

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Service Information
 Last Updated: Mon Jul 3 09:38:01 CEST 2017
 Updated every 90 seconds
 Nagios® Core™ 3.5.1 - www.nagios.org
 Logged in as *nagiosadmin*

Service
Co2
 On Host
localhost
(localhost)

Member of
No servicegroups.

127.0.0.1 ?

Service State Information

Current Status: CRITICAL (for 1d 2h 23m 0s)
Status Information: CRITICAL - Timeout
Performance Data:
Current Attempt: 4/4 (HARD state)
Last Check Time: 2017-07-03 09:33:01
Check Type: ACTIVE
Check Latency / Duration: 0.131 / 5.287 seconds
Next Scheduled Check: 2017-07-03 09:38:01
Last State Change: 2017-07-02 07:15:01
Last Notification: 2017-07-03 09:03:07 (notification 25)
Is This Service Flapping? NO (0.00% state change)
In Scheduled Downtime? NO
Last Update: 2017-07-03 09:37:53 (0d 0h 0m 8s ago)

Active Checks: ENABLED
Passive Checks: ENABLED
Obsessing: ENABLED
Notifications: ENABLED
Event Handler: DISABLED
Flap Detection: ENABLED

Service Commands

- ✗ Disable active checks of this service
- 🕒 Re-schedule the next check of this service
- ? Submit passive check result for this service
- ✗ Stop accepting passive checks for this service
- ✗ Stop obsessing over this service
- ✓ Acknowledge this service problem
- ✗ Disable notifications for this service
- 🕒 Delay next service notification
- 📧 Send custom service notification
- 🕒 Schedule downtime for this service
- ✓ Enable event handler for this service
- ✗ Disable flap detection for this service

Service Comments
🗨️ [Add a new comment](#) 🗑️ [Delete all comments](#)

Entry Time	Author	Comment	Comment ID	Persistent	Type	Expires	Actions
This service has no comments associated with it							

Under Service Commands, vælges så Acknowledge this service problem.

Indtast en kommentar til hvorfor alarmen accepteres.

Yderligere dokumentation

Klik på Documentation for at tilgå manualen.

Et mere simpelt overblik, velegnet til storskærmsbrug, kan findes på url:

<http://<nagios-ip>/nagios3/cgi-bin/statview.cgi>

App adgang

Der findes flere forskellige apps til dette. Følgende er testet, og kan anbefales:



aNag på Google play



INag2 på Apple App Store

Opsætning:

Tilføj instance af typen Icinga/Nagios(HTML)

Angiv URL: `http://<nagios-ip>/nagios3/cgi-bin/`

Username: nagiosadmin

Password: [nagios adgangskode som er angivet i det medfølgende klargøringsdokument]

Konfiguration gennem nconf

For at konfigurere hvad der skal monitoreres, er nconf webinterfacet tilgængeligt via URLen:

<http://ip-adresse-til-nagios/nconf>

Her logges på med:

Bruger: admin

Adgangskode: [nagios adgangskode som er angivet i det medfølgende klargøringsdokument]

Velkomstbilledet vises:

The screenshot shows the NConf web interface. The top header features the 'NConf' logo. Below it, a navigation bar contains 'Welcome Administrator' and a '[Help]' link. The main interface is split into a left sidebar and a main content area. The sidebar menu is organized into several sections: 'Basic Items' (with sub-items like Show History, Show Host parent, Generate Nagios config, Hosts, Hostgroups, Services, Advanced Services, Servicegroups), 'Additional Items' (OS, Contacts, Contactgroups, Checkcommands, Misccommands, Timeperiods), 'Advanced Items' (Host presets, Host templates, Service templates, Host deps, Service deps), 'Nagios servers' (Central monitors, Distrib. collectors), and 'Administration' (Edit static config files, Attributes, Classes). The main content area displays 'NConf v. 1.3.0 (final)', copyright information (© 2006 - 2012 Sunrise Communications AG, Zurich, Switzerland), project homepage (www.nconf.org), developer information (Fabian Gander, Angelo Gargiulo, Bernhard Waldvogel), license (GNU GPL), disclaimer of warranty, trademarks (Sunrise, Nagios), and additional copyrights (Sweetie icons by Joseph North). At the bottom, a 'Powered by' section lists logos for Sunrise, jQuery, GitHub, Nagios, and SourceForge.

Herefter kan de enkelte elementer redigeres gennem menuen til venstre.

For at skrive ændringerne til Nagios serveren, skal punktet Generate Nagios config anvendes, ellers træder ændringerne ikke i kraft.

Ændring af passwords

For ændring af de medfølgende passwords, er det nødvendigt at forbinde til Nagios boksen via en SSH session.

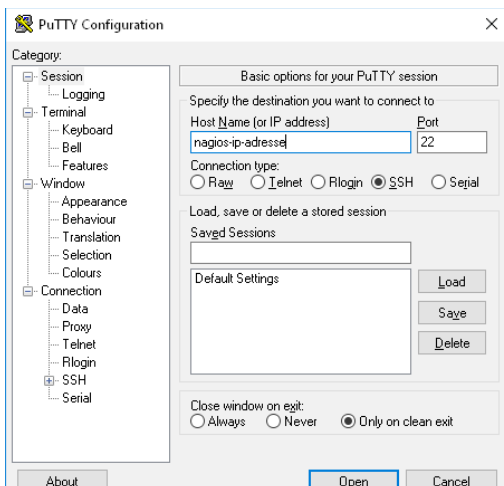
Under Windows kan dette gøres via putty programmet som er en gratis terminalklient.

Den kan downloades fra:

<http://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

Hent putty.exe, og gem den til skrivebordet.

Start putty og angiv ip-adressen til Nagios boksen, klik Open, og angiv root som bruger, og roots password.



Ændring af Root og nagios password

På kommandolinen angives:

```
passwd root
```

Angiv det nye password.

```
passwd nagios
```

Angiv det nye password.

Nagios admin password

På kommandolinen angives:

```
htpasswd /etc/nagios3/htpasswd.users nagiosadmin
```

Angiv det nye password.

nconf

På kommandolinjen angives:

```
nano /var/www/html/nconf/config/.file_accounts.php
```

Tilret linien:

```
admin::password::admin::Administrator::
```

Udskift password med et nye password.

Brug Ctrl + o for at skrive ændringerne, og Ctrl + x for at afslutte.

Brug kommandoen exit for at lukke sessionen.

Tilføj elementer udfra netværksscanning

Hvis der er mange Hosts i netværket, som man gerne vil have overvågning på, kan det være en tidskrævende opgave og konfigurere dem enkeltvis. Derfor kan det være en god ide, at tilføje dem udfra en netværksscanning, hvorved Hosts vil blive oprettet automatisk.

Dette kan gøres via værktøjet ScanToNag som findes på Nagios Serverboksen.

Der er dog ikke tale om en automatiseret process, og det involverer en del manuelle trin.

Kontakt mig for yderligere information om dette.