

Quick Start brugervejledning for Boomerang plugin til Nagios

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

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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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Process Info
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Configuration

Nagios® Core™

Nagios® Core™
Version 3.5.1
August 30, 2013
[Check for updates](#)

Get Started

- Start monitoring your infrastructure
- Change the look and feel of Nagios
- Extend Nagios with hundreds of addons
- Get support
- Get training
- Get certified

Quick Links

- [Nagios Library](#) (tutorials and docs)
- [Nagios Labs](#) (development blog)
- [Nagios Exchange](#) (plugins and addons)
- [Nagios Support](#) (tech support)
- [Nagios.com](#) (company)
- [Nagios.org](#) (project)

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Nagios
NAGIOS CORE

SOURCEFORGE.NET

Kim Mølgaard
Nørregade 80, 7400 Herning
Tlf.: 93 89 83 79

mail: kim@itandmore.dk

Konto: 7184 1274351
CVR: 38147110
01-08-2017 08:59:01

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

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 Outages
0 Outages

Hosts
0 Down 0 Unreachable 7 Up 0 Pending

Services
0 Critical 1 Warning 0 Unknown 27 Ok 0 Pending

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				

Network Health
 Host Health:
 Service Health:

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

Nagios®
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.

Nagios®

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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

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://<nagios-ip>/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 content area is split into a left sidebar and a right main panel. The sidebar lists various configuration options under categories like 'Basic Items', 'Additional Items', 'Advanced Items', 'Nagios servers', and 'Administration'. The main panel displays the version 'NConf v. 1.3.0 (final)', copyright details for Sunrise Communications AG, and a list of sponsors and partners including 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.

Ændringer af grænseværdier

Hver defineret service har grænseværdier der bestemmer hvornår en service er kritisk.

Disse grænseværdier kan redigeres ved at vælge Services, Show i menuen til venstre.

The screenshot shows the NConf Nagios administration interface. The top navigation bar includes the NConf logo, 'Welcome Administrator', and a '[Help]' link. The left sidebar contains a menu with categories: Home, Basic Items (with sub-items like Show History, Hosts, Hostgroups, Services, Advanced Services, Servicegroups), Additional Items (with sub-items like OS, Contacts, Contactgroups, Checkcommands, Misccommands, Timeperiods), Advanced Items (with sub-items like Host presets, Host templates, Service templates, Host deps, Service deps), Nagios servers (with sub-items like Central monitors, Distrib. collectors), Administration (with sub-items like Edit static config files, Attributes, Classes), and Logout.

The main content area is titled 'Show: service' and includes a search filter and a search button. Below this is an 'Overview' section with a table of services. The table has columns for 'service name' and '[actions]'. The services listed are:

service name	[actions]
localhost: Boomerang_interface	
localhost: Co2	
localhost: CPU temperature	
localhost: Køleskab nr.1	
localhost: Pt100	
localhost: Root Partition	

Klik på blyanten udfor den service der skal ændres, og gå ned i bunden af siden til service parameters

notes URL
action URL
max check attempts
check interval
retry interval
first notification delay
notification interval
notification options
active checking
passive checking
notification enabled
check freshness
freshness threshold

PNP URL (if installed)
number of times to retry checking
number of [min.] between regularly scheduled checks
number of [min.] to wait before scheduling a re-check
number of [min.] to wait before sending the first notification
number of [min.] to wait before re-notifying a contact
possible values: w,u,c,r,f,s,[n]
do active checking of services
do passive checking of services
send notifications for services
check age of last check results
age threshold in [sec.]

available items
web-services

selected items

assign service to servicegroup

params for check command

service parameters
ARG1: 010102FF00
ARG2: 10
ARG3: 30
ARG4: 5
ARG5: 40

mqttName
Warning Low
Warning High
Critical Low
Critical High

Submit Reset

Juster nu værdierne for Warning Low, Warning High, Critical Low og Critical High til det ønskede.

Klik på Submit, og når du er færdig med alle ændringer, skriv da den nye konfiguration til Nagios, ved at klikke på Generate Nagios config.

Ændringer af kontakter

Vedligehold og oprettelse af kontakter, der skal notificeres ved alarmer, foretages gennem menupunktet Contacts. Klik på blyanten udfor den kontakt der skal ændres.

På kontaktpersonen skal der opsættes en e-mail adresse, der kan tilføjes et telefonnr til brug for sms beskeder.

Host notification options definerer hvad der skal notificeres om. Gyldige værdier er

Hosts:

d = Down

u = UP

r = Recovery

f = Flapping

s = Scheduled Downtime

Services:

w = Warning

u = Unknown

c = Critical

f = Flapping

s = Scheduled Downtime

r = Recovery

Klik på Submit, og når du er færdig med alle ændringer, skriv da den nye konfiguration til Nagios, ved at klikke på Generate Nagios config.

Ændring af passwords

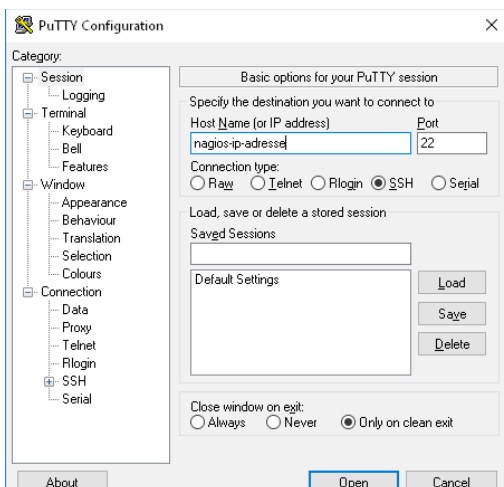
For ændring af de medfølgende passwords, er det nødvendigt at forbinde til Nagios boksen via en SSH session.

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.