



Nagios Business Process AddOn

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Teil 1 - Konfiguration

1.1 Kurze Vorstellung

1.2 Installation/Konfiguration

1.3 Backend

1.3.1 NDO2DB

1.3.2 NDO2FS

1.4 Views konfigurieren

1.5 Nagios integration

1.6 Helferlein

Teil 2 – Live Vorführung

2.1 Process View

2.2 Process Impact

Nagios BP teilt sich in zwei Bereiche


1. Process Business View

Anzeigen der Process Views und gesammelte Benachrichtigung der gesamten Kette

Short Summary: All Business Processes



Priority 1

Alerting round the clock (24 x 7)

Business Process	Status	Status Information
Webfarm	 OK	Hallo Nagios Workshop


Priority 2

Alerting Monday to Sunday 7:00 to 22:00

Business Process	Status	Status Information
DNS-Server	 OK 	


Priority 3

Alerting Monday to Thursday 7:00 to 17:00, Friday 7:00 to 15:00

Business Process	Status	Status Information
TCP-Ports	 OK	

Priority 4

Testsystems -- no Alerting


Business Process	Status	Status Information
all disks	 OK	

2. Process Business Impact



Hier kann man verschiedene Zustände simulieren und resultierende Ausfälle im Gesamtkonzept betrachten

Business Impact Analysis: All Business Prozesses


Priority 1
Alerting round the clock (24 x 7)

Business Process	Status	Status Information
Webfarm	 OK	Hallo Nagios Workshop


Priority 2
Alerting Monday to Sunday 7:00 to 22:00

Business Process	Status	Status Information
DNS-Server	 OK 	

Priority 3
Alerting Monday to Thursday 7:00 to 17:00, Friday 7:00 to 15:00

Business Process	Status	Status Information
TCP-Ports	 OK	

Priority 4
Testsystems -- no Alerting

Business Process	Status	Status Information
all disks	 OK	

configure

make

make install

Apache

Perlmodule

Nagios Menubar

NDO2DB

```
ndo = db
ndodb_host = localhost
ndodb_port = 3306
ndodb_username = nagios
ndodb_password = somepass
ndodb_prefix=nagios_
```

NDO2FS

```
ndo = fs  
ndofs_basedir = /usr/local/ndo2fs/var  
ndofs_instance = default
```

AND - &

PORT = localhost;tcp22 & localhost;tcp3306

OR - |

PORT = localhost;tcp22 & localhost;tcp3306

<min_number> of:

HTTP = 2 of: localhost;HTTP1 + localhost;HTTP2 + localhost;HTTP3 + localhost;HTTP4

Weitere Konfigurationsoptionen

Display

display 3;PORT;TCP-Ports

info_url

info_url;DNS;http://www.heise.de

Hoststatus

hostname;Hoststatus

external_info

external_info;HTTP;/usr/local/sbin/test.sh

Multiple Top Views

For the business process view:

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer1>

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer2>

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer3>

...

And for the business impact analysis:

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer1&mode=bi>

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer2&mode=bi>

<http://<servername>/nagiosbp/cgi-bin/nagios-bp.cgi?conf=nagios-bp-customer3&mode=bi>

...

check_bp_status.pl

Options

- b <Name des Business Process Views>
- f <Name und Ort des Konfigfiles>

```
./check_bp_status.pl -b HTTP
```

1. Konfigvalidation

nagios-bp-consistency-check.pl

2. Autogenerate Konfigfiles für Nagios

`bp_cfg2service_cfg.pl`

Weitere Konfig direktive: Template

Teil 2: Liveshow

Fragen?

ENDE

