

# Installation des Nagiosdienstes

## Grundsätzliches

Folgende Features werden installiert:

- LDAP-Support für PHP und apache2
- LDAP-SASL-Support für PHP und apache2
- MYSQL für das Lilac Interface
- Nagiosplugins
- SNMP Unterstützung für PHP
- Alle Nagiosplugins
- Sämtliche Pakete werden mit „threads“ für Multicore gebaut.

Folgende Zeilen müssen in der package.keywords stehen:

```
net-analyzer/nagios-plugins
=sys-apps/portage-2.2* ~*
net-analyzer/nagios
net-analyzer/nagios-core
net-analyzer/nagios-plugins
```

Folgende Zeilen müssen in der package.use stehen:

```
net-analyzer/nagios-plugins ipv6 nagios-ssh ssl jabber ldap mysql nagios-dns
nagios-game nagios-ntp nagios-ping postgres radius samba snmp ups
net-analyzer/nagios-core apache2
net-fs/samba -server -acl -avahi -cups
net-nds/openldap minimal
dev-lang/php snmp cgi curl mysql pcntl pdo gd xml apache2 ldap ldap-sasl
www-servers/apache ldap
dev-libs/apr-util ldap
```

Daneben gibt es noch die speziellen Variablen APACHE2\_MODULES und APACHE2\_MPMS, die bestimmen, welche Apache-Module und welche MPMs (Multi-Processing Modules) im späteren Einsatz zur Verfügung stehen. Das ganze kann man in der make.conf festlegen.

```
...
APACHE2_MPMS="worker"
...
```

Und das ganze installieren:

```
emerge -qa net-analyzer/nagios net-analyzer/nagios-plugins-snmpp net-
analyzer/nagios-plugins
```

## Ausgabe von Portage:

### \* APACHE

- \* The location of SSL certificates has changed. If you are
- \* upgrading from www-servers/apache-2.2.13 or earlier (or remerged
- \* \*any\* apache version), you might want to move your old
- \* certificates from /etc/apache2/ssl/ to /etc/ssl/apache2/ and
- \* update your config files.
- \*
- \* Attention: cgi and cgid modules are now handled via APACHE2\_MODULES flags
- \* in /etc/make.conf. Make sure to enable those in order to compile them.
- \* In general, you should use 'cgid' with threaded MPMs and 'cgi' otherwise.

### PHP

\* Please note that this version of PHP does not yet come with a suhosin patch

#### \* Installing SAPI: cli

\* Installing php.ini for cli into /etc/php/cli-php5.3

\*

#### \* Installing SAPI: cgi

\* Installing php.ini for cgi into /etc/php/cgi-php5.3

\*

#### \* Installing SAPI: apache2

\* Installing php.ini for apache2 into /etc/php/apache2-php5.3

\*

\*

\* To enable php, you need to edit your /etc/conf.d/apache2 file and

\* add '-D PHP5' to APACHE2\_OPTS.

\*

\*

\* Configuration file installed as

\* /etc/apache2/modules.d/70\_mod\_php5.conf

\* You may want to edit it before turning the module on in

/etc/conf.d/apache2

\*

\* Switched cli to use php:5.3

\*

\* Switched cgi to use php:5.3

\*

\* Switched apache2 to use php:5.3

\*

\* Make sure that PHP\_TARGETS in /etc/make.conf includes php5-3 in order

\* to compile extensions for the 5.3 ABI

\*

\*

\* This ebuild installed a version of php.ini based on php.ini-development version.

\* You can chose which version of php.ini to install by default by setting

PHP\_INI\_VERSION to either

- \* 'production' or 'development' in /etc/make.conf
- \* Both versions of php.ini can be found in /usr/share/doc/php-5.3.6

## Einrichten der Dienste

```
emerge --config =dev-db/mysql-5.1.56
rc-update add mysql
/etc/init.d/mysql start
rc-update add apache2
/etc/init.d/apache2 start
rc-update add nagios
/etc/init.d/nagios start
```

## Links

- [English-guide Nagios with Gentoo](#)

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