

# 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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