Installing and upgrading NOC in Gentoo.

- Installing NOC.
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Related articles

Installing NOC.

Look for NOC overlay in: https://bugs.gentoo.org/show_bug.cgi?id=366051 Install resent NOC overlay. Choice ebuild: stable release **noc-15.05.1-r1ebuild** or from repository **noc-9999.ebuild** (*develop*). Stable release can be installed and used completely ofline, and you need to be online during installation when you choice install from repository.

If you choice installation from repository (**noc-9999.ebuild**) you need add

```
net-analyzer/noc **
```

to your keywords file, general in */etc/portage/package.keywords*

Now you are ready to run:

```
# emerge -a net-analyzer/noc
```

NOC comes with his own small overlay with dependencies. Some dependencies may be older then portage has, use */etc/portage/package.mask* to block newer version from Gentoo portage packages. Also use */etc/portage/package.keywords* to unmask not stable packages...

After installation complete, start mongo and postgresql:

```
# /etc/init.d/mongodb start
# /etc/init.d/postgresql-9.4 start
```

Take a look in */opt/noc/etc/upgrade.conf* (don't worry **emerge --config** will do all you need)

If you choice **noc-9999.ebuild** you may want comment out:

```
#PIP_FIND_LINKS=https://cdn.nocproject.org/pkg/simple/
```

And uncomment:

```
PIP_FIND_LINKS=file:///usr/portage/distfiles/
```

Then configure NOC by running:

```
# emerge --config net-analyzer/noc
```

You will be prompted for device (eth0 ?) or IP address on which NOC will listen for Syslog messages and SNMP traps. Also for password for administrative account.

Now you can start NOC:

```
# /etc/init.d/noc start
```

Go in you web browser to 'https://127.0.0.1' accept certificate and enable java scripts. You may edit web server configuration file for listening other interface...

Add one or more Managed Object (*Service Activation > Managed Objects*). You will get your network database initialized and device configuration grabbed in 5-15 minutes.

Upgrading NOC.

Upgrade resent NOC overlay from https://bugs.gentoo.org/show_bug.cgi?id=366051

You can always switch to ebuild from repository **noc-9999.ebuild** when doing upgrade.

Do not return back from **noc-9999.ebuild** to stable release **noc-15.05.1-r1ebuild**!!! If you want change back to stable release from _develop_ you must wait for new stable release and switch to it when it newer then develop.

For NOC update:

```
# /etc/init.d/noc stop
# emerge -a net-analyzer/noc
```

Also, remember, after every NOC updates run as root:

```
# cd /opt/noc
# ./scripts/upgrade
```

If every think is OK start NOC:

```
# /etc/init.d/noc start
```

Upgrading NOC from repository without new ebuild.

Alternatively if you install NOC using **noc-9999.ebuild** you can update:

```
# /etc/init.d/noc stop
# cd /opt/noc
# hg pull -u
# ./scripts/upgrade
# /etc/init.d/noc start
```

Related articles

- [Installing and upgrading NOC in Gentoo.](#)