



OpenDNSSEC Installation

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Hardware

- CPU
 - One thread per zone, but multiple threads are used when signing multiple zones
- HDD
 - The zones are stored on disc with temporary files. Up to seven times the zone size.
- Memory
 - Sorting is done in memory

This will be improved in future releases

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Platform support

- OpenDNSSEC has been tested on the following platforms:
 - Debian Linux 5.0
 - Mac OS X 10.5
 - OpenBSD 4.4
 - Red Hat Enterprise Linux 5
 - Solaris 10
 - Ubuntu Linux 8.04

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Pre-built Binaries

- OpenDNSSEC are or will be available as packages for the following systems:
 - Debian unstable
 - FreeBSD
 - Gentoo
 - NetBSD
 - Ubuntu

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Dependencies

- Idns
- libxml2, libxml2-dev, libxml2-utils
- ruby, rubygems, dnsruby, libopenssl-ruby
- sqlite3, libsqlite3, libsqlite3-dev
- (mysql-client, libmysqlclient15, libmysqlclient15-dev)
- python, python-4suite-xml
- java (build time)
- Botan (SoftHSM)

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Obtaining the Source Code

- Tarballs:
 - <http://www.opendnssec.org/files/source/opendnssec-1.0.0.tar.gz>
 - <http://www.opendnssec.org/files/source/softhsm-1.1.4.tar.gz>
- SVN:
 - `svn co http://svn.opendnssec.org/trunk/OpenDNSSEC`
 - `svn co http://svn.opendnssec.org/trunk/softHSM`

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Configuring the build environment

```
cd softHSM
```

```
(sh autogen.sh)
```

```
./configure
```

```
cd OpenDNSSEC
```

```
(sh autogen.sh)
```

```
./configure
```

```
  (--enable-mysql)
```

```
  (--disable-auditor)
```

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Build and install

make

sudo make install

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Post-installation

- Linux users need to rebuild the dynamic linker caches. To do this, issue the command:
 - `sudo ldconfig`

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