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OpenDNSSEC 1.4 upgrade to 2.1

Stefan Ubbink | DNS-OARC 31, Austin (TX)

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Agenda

1. Why?
2. Preparation
3. The migration
4. Start using 2.1

Why?

OpenDNSSEC 1.4 end-of-life, upgrading and testing versions

OpenDNSSEC 2.1 was released in February 2017, and in the past two-and-half year it has proven itself to be stable and viable upgrade of 1.4, and has additional features and improvements. Therefore we announce end-of-life of OpenDNSSEC 1.4. One of the steps towards future releases of OpenDNSSEC that have better experience and with shorter cycles.

Starting today, October 8, 2019, in accordance with our policies, we will only provide essential fixes and support until 9 October 2020, after which support will no longer be available. We feel confident that existing installations can upgrade without much hassle and offer support to our customers in doing so.

OpenDNSSEC 2.1 serves as the replacement for the 1.4 LTS. The current version is 2.1.4 ([download](#) | [announcement](#)). There is a migration step necessary, for which you can find a good breakdown at the [migration page](#).

For future releases we will be in contact with the community and interested parties about how to proceed exactly. OpenDNSSEC 2.2 with main feature fast updates has had a number of testing releases that can be found on our [distribution server](#). We do not however expect 2.2 to become an LTS release as on customer feedback, other improvements will lead to a more interesting release on which we can build.



Preparations

- <https://www.opendnssec.org/migration-from-1-4-to-2-1/>
- Backup /etc/opendnssec and /var/lib/opendnssec (could be big)
- Backup kaspdb
- Build a 2.1.x package
--with-database-backend=mysql -> --with-enforcer-database=mysql
- Put the source tree on the signer
enforcer/utils/1.4-2.0_db_convert/convert_mysql needs
src/db/schema.mysql

The migration

- ods-control stop
- Install new package
DON'T overwrite config files
DO overwrite sample files
- (create new database and change convert_mysql to skip that)
- Convert_mysql

The migration (cont.)

- Fix /etc/opensnssec/conf.xml
<Enforcer><Datastore><MySQL>
<**Host**>**localhost**</**Host**>
<Database>**kaspdb2**</Database>

...
</MySQL></Datastore><~~Interval~~>...</Interval></Enforcer>

reported as SUPPORT-244

- ods-migrate
- cp /etc/opensnssec/zonelist.xml /var/lib/opensnssec/enforcer/zones.xml



Start using 2.1

- ods-enforcer start
- ods-signer start
- Change local scripts to use ods-enforcer instead of ods-ksmutil
ods-enforcer key list -z <zone> (no dot at the end)
- Currently there is still an issue with memory usage (SUPPORT-245, will be fixed in 2.1.5)



Are there any questions?



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Thank you for your attention!



