

Meeting Details

- Date/Time:
 - Friday 10th July 2012, 14:00 CEST
- Conference details
 - Dial-in to +31-30-2040323
 - Conference PIN: 030003
- Attendees: [Yuri](#), [Roland](#), [Sara](#), [Jerry](#)

Agenda

- Action items
- Open issues
- Testing
- Roadmap to beta
- AOB

Action items

DONE:






- **Sara:** Update status of all JIRA issues following last weeks call.
- **Sara:** Create a suitable home for 'official' wiki pages on the Enforcer NG to be created until 1.4 is released and the documentation trunk can be used. (DONE: Enforcer NG Documentation (temp))
- **Sara:** Create a ticket for comparison of old and new enforcers and assign to Rick. (DONE: OPENDNSSEC-301 - Perform a review of functionality of Enforcer NG vs enforcer (1.4).)
- **Sara:** Create a ticket for removal of duplicate code. (DONE: <https://issues.opendnssec.org/browse/OPENDNSSEC-302>)
- **Sara:** Ensure an item on endurance testing is added to the agenda of the next OAB board meeting. (DONE: Have created a wiki page for suggestions of agenda points for next OAB meeting Issues to raise with OAB)
- **Sara:** Ensure and item on performance benchmarking is added to the agenda of the next OAB board meeting. (DONE: see above)




OPEN:

- **Yuri** - test key rollover using automation. [Yuri created a script some time ago that plays forward in time and checks that the enforcer is producing the correct output. He is not sure what else needs testing. Roland discusses the other aspects of enforcer behaviour that need covering. Sara points out that \(unlike the current enforcer\) the output of enforcer NG has never been checked by the auditor and so creating a good set of regression tests before the beta release will be vital. We agree the following actions:](#)
ACTION (Yuri): dig out this test script and have a look at it. See if some jenkins tests can be generated from it. Also look at the existing jenkins test for the enforcer:
</trunk/OpenDNSSEC/testing/test-cases.d/10-dual-policy-check-signconf/test.sh>
ACTION (Sara): Move OPENDNSSEC-142 to 2.0.0b1
ACTION (Sara): Split out an enforcer section from the test coverage wiki page so we can work on creating common tests for 1.4 and 2.0 and then start listing the additional tests needed for 2.0. Get a review of this page organised asap.
- **Sara** - look at running the test framework against the Enforcer NG. [Jerry has been working on this \(see below\).](#)

Open issues


For 2.0.0b1:




	OPENDNSSEC-119	OPENDNSSEC-117 Import Enforcer key state	Jerry Lundström	Jakob Schlyter	↑	➔ Open	Unresolved
	OPENDNSSEC-297	Enforcer NG does not implement backup of keys	Yuri Schaeffer	Yuri Schaeffer	⊘	➔ Open	Unresolved
	OPENDNSSEC-138	Support for passing through unsigned zones	Matthijs Mekking	Rickard Bellgrim	↑	➔ Open	Unresolved
	OPENDNSSEC-301	Perform a review of functionality of Enforcer NG vs enforcer (1.4).	Rick van Rein	Sara Dickinson	↑	➔ Open	Unresolved
	OPENDNSSEC-272	Not rescheduling when key gets inserted	Yuri Schaeffer	Rickard Bellgrim	↓	➔ Open	Unresolved

	OPENDNSSEC-184	List upcoming rollovers	Yuri Schaeffer	Rickard Bellgrim		 Open	Unresolved
	OPENDNSSEC-151	CLONE - Key size and algorithm for key listing	Yuri Schaeffer	Jakob Schlyter		 Open	Unresolved
	OPENDNSSEC-182	Display keytag	Yuri Schaeffer	Rickard Bellgrim		 Open	Unresolved
	OPENDNSSEC-168	More verbose logging of engine	Yuri Schaeffer	Yuri Schaeffer		 Open	Unresolved
	OPENDNSSEC-230	Doing Double-RRset and not Double-Signature KSK rollover	Yuri Schaeffer	Rickard Bellgrim		 Reopened	Unresolved
	OPENDNSSEC-208	Double sqlite3 m4 in EnforcerNG	Yuri Schaeffer	Jerry Lundström		 Open	Unresolved
	OPENDNSSEC-287	Not closing connection to DB	Yuri Schaeffer	Rickard Bellgrim		 Open	Unresolved
	OPENDNSSEC-273	Build warnings	Yuri Schaeffer	Rickard Bellgrim		 Open	Unresolved
	OPENDNSSEC-275	Key material not always shared with <sharedkeys> directive set.	Yuri Schaeffer	Yuri Schaeffer		 Open	Unresolved
	OPENDNSSEC-152	CLONE - Enforcer should check that DelegationSignerSubmitCommand exists (and is executable)	Yuri Schaeffer	Jakob Schlyter		 Open	Unresolved
	OPENDNSSEC-308	Support for generating rollover times for pregenerated keys	Yuri Schaeffer	Sara Dickinson		 Open	Unresolved

- Yuri mentions that he has been busy with other projects and hasn't done much in the past month on Enforcer-NG
- Sara asks if he could take some time to look through the open issues and estimate how many days of development effort he thinks are required to complete his work for the beta. And to also give any information on his availability over the coming months so we can decide if we have a feasible timeline and enough resources.
ACTION (Yuri): Estimate remaining tasks vs. his availability.
- OPENDNSSEC-308. This was opened recently following various discussions about HA setups. Yuri says he really dislikes the solution proposed. Roland points out that the real issue is how to support a HA setup and this issue currently just details one possible solution. Roland outlines the SURFNet set up and states that they would like increased synchronisation to support this. Yuri believes it is ok to have multiple signers but not multiple enforcers and the enforcer is not a critical component. Sara raises the use case where an unsigned zone-> signed zone needs to happen on a very short timescale which does require the enforcer to be available. We decide this needs further discussion and raise the following actions:
ACTION (Sara): Rewrite 308 to generalise the problem to describe the challenge of supporting a HA setup. Change the fix version to 'Future release'.
ACTION (Sara): Add an item to the developer workshop agenda to discuss the issue with the aim of producing a report that can be presented to the OAB at RIPE for further consideration.
Roland can't attend the workshop but adds that he would like the solution to be one where an SA should be able to accidentally start multiple enforcers without breaking anything i.e. there should be one master db/enforcer so that a human can not take actions that will cause problems. Also that a requirement is to make failover between master and backup servers as painless as possible.
- Yuri makes a feature proposal. He suggests we implement support for importing a zone that was previously managed by ODS but where only the policy and signed zone are available. Roland thinks this is a really good idea.
ACTION (Yuri): Open an JIRA issue for this and assign to 2.1

For 2.0.0rc1:

	OPENDNSSEC-142	Create a new regression test for key rollovers	Yuri Schaeffer	Rickard Bellgrim		 Open	Unresolved
	OPENDNSSEC-199	No automatic tasks if the database is not created	Rickard Bellgrim	Rickard Bellgrim		 Open	Unresolved

	OPENDNSSEC-198	Generating keys on setup	Rickard Bellgrim	Rickard Bellgrim		 Open	<i>Unresolved</i>
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Testing

- [Jerry reports that he has now got the basic 'smoke test' running on 2.0 - i.e. starting the system and signing a single zone. Well done to Yuri and Jerry on this! We discuss what else should be done on jenkins right now and suggest if Jerry has time he could try to get the 10-dual-policy-check-signconf/test.sh test running on 2.0.](#)

Roadmap to Beta

- Immediate plan for now is to:
 - keep going with the development effort to complete all the features required for beta (still aim for September with this)
 - keep going with the development of system tests in the jenkins framework
 - monitor the progress of 1.4 and then release the beta at a time when the user community is ready and likely to be able to contribute by testing it.

[No comments so we continue with this approach.](#)

AOB

[None.](#)

Next meeting

[It is agreed that between now and the developer workshop we think that the Enforcer NG work can be covered in the main team meeting call so we do not schedule a separate Enforcer NG call. We will review this decision at the developer workshop.](#)

[ACTION \(Sara\): add this to the agenda of developer workshop.](#)