

Enabling DNSSEC in MyNIC .my domains with BIND 9.9 - complete with key rollovers

This guide is written by myself so that I do not forgot how to do this again in the future. This should remind me how to set up DNSSEC with BIND 9.9 complete with keys rollover scheme that should be painless to implement.

I assume that you already have:-

- BIND 9.9 installed. Older version doesn't work with this guide. And trust me, you don't want to deal with dynamic zones which DNSSEC-enabled BIND DNSSEC —> Enable/Disable DNSSEC'. Then search for your domain name.

Then under the 'DNSSEC status', click the 'Enable' radio button and click the 'Submit' button. In the next page, click the 'Confirm' button.

Go to 'Domain Name —> DNSSEC —> Update Key', and search the domain whose DNSSEC has just been enabled. Tick the domain, and then click the 'View Details' button.

In the next page, which should look like something below:-

Note: Once the Keys are retrieved, it is advisable that you make a comparison between the KSK Fingerprint for each key tag loaded here with the digest string of the DS record of you signature to ensure that the strings are identical.

Domain Name	Key Type	Key Tag	Algorithm	Fingerprint	(dd/mm/yy hh:mm:ss)		Status	Change status
					Start Date	Expiry Date		
No DS Record Uploaded Yet. Please click "Retrieve Key From Name Server" button to upload keys.								

Click the 'Retrieve Key From Name Server' button, and it should be populated like what you see below.

Note: Once the Keys are retrieved, it is advisable that you make a comparison between the KSK Fingerprint for each key tag loaded here with the digest string of the DS record of you signature to ensure that the strings are identical.

Domain Name	Key Type	Key Tag	Algorithm	Fingerprint	(dd/mm/yy hh:mm:ss)		Status	Change status
					Start Date	Expiry Date		
anime.my	KSK		SHA-1		06/08/2012 07:45:44	05/09/2012 08:45:44	Published	<input type="checkbox"/> Unpublish
	KSK		SHA-256		06/08/2012 07:45:44	05/09/2012 08:45:44	Published	<input type="checkbox"/> Unpublish
	ZSK		SHA-1		06/08/2012 07:45:44	05/09/2012 08:45:44	Non Publishable	
	ZSK		SHA-256		06/08/2012 07:45:44	05/09/2012 08:45:44	Non Publishable	

Wait for a few hours before the keys was published, and you will get yourself something like [this](#). You do not have to do anything else at the domainregistry control panel, because it will download new key periodically before rollovers happens. Aff you have to do now is to ocassionally create successor keys for BIND and that's it!

My collection of short anime reviews

~~Contain spoilers that you may hate but never biased in any way!~~

```
# dig anime.my +dnssec MX @unbound.odvr.dns-oarc.net
```

```
; DiG 9.9.1-P2-RedHat-9.9.1-P2.el6 +dnssec anime.my MX @unbound.odvr.dns-oarc.net  
;; global options: +cmd  
;; Got answer:  
;; ->>HEADER
```