

FreeBSD Administration - Feature #476

Adding Extra DKIM Domain Keys to iRedMail/Amavisd

11/12/2014 06:39 PM - Daniel Curtis

Status:	Closed	Start date:	11/12/2014
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Mail Server	Estimated time:	0.50 hour
Target version:	FreeBSD 9	Spent time:	0.50 hour

Description

Assuming the domain is example.com:

- Generate the new key.

```
cd /var/lib/dkim/  
amavisd genrsa example.com.pem  
chmod 0644 example.com.pem
```

- Add it to your amavisd.conf file. Search for "# Add dkim_key here.", and add it alongside the others, preferably in alphabetic order so you can find it faster.

```
dkim_key("example.com", "dkim", "/var/lib/dkim/example.com.pem");
```

- Add your new domain to @local_domains_maps in amavisd.conf. The line should now read something like this:

```
@local_domains_maps = ( [ ".$mydomain", "firstdomain.com", "example.com" ] ); # list of all local domains
```

- Restart amavisd

```
service amavisd restart
```

- Test that the key was installed properly

```
amavisd showkeys example.com
```

- The output should be something like this:

```
; key#1, domain example.com, /var/lib/dkim/example.com.pem  
dkim._domainkey.example.com. 3600 TXT (  
  "v=DKIM1; p="   
  "MIGfMA0GCSqGSIB3DQEBAQUAA4GNADCBiQKBgQDEzggyG2It0ZdQQTgGNj2jNDKe"   
  "fsa978sd98fsd9vds97v9fHIUSAFHY (#*oiu7cs98a9"   
  "afljhljoU(*@#&($*#@U9ujw9fewur0932870932"   
  "jvAe331H9tiV1jog1QYSUDOEAaads")
```

- Add exactly what was printed above to the zone file in you nameserver(s). You should also include SPF and ADSP. For example a BIND configuration would look like:

```
example.com.      IN TXT      "v=spf1 +a +mx ~all"
dkim._domainkey.example.com. 3600 TXT (
  "v=DKIM1; p="
  "MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDEzgjyG2It0ZdQQTgGNj2jNDKe"
  "fsa978sd98fsd9vds97v9fHIUSAFHY (#@*oiu7cs98a9"
  "af1jhljjoU (*@#& ($*#@U9ujw9fewur0932870932"
  "jvAe331H9tiV1jog1QYSUDOEaads")
_adsp._domainkey.example.com. IN      TXT      "dkim=all"
```

Resources

- <http://www.iredmail.org/forum/post1807.html#p1807>

History

#1 - 11/12/2014 06:40 PM - Daniel Curtis

- Description updated

- % Done changed from 0 to 20

#2 - 12/12/2014 10:47 AM - Daniel Curtis

- Status changed from New to Closed

- % Done changed from 20 to 100

#3 - 02/14/2015 10:42 AM - Daniel Curtis

- Target version set to FreeBSD 9

#4 - 02/14/2015 11:53 AM - Daniel Curtis

- Category set to Mail Server