

## Bugs & Wish list

Integrate e-mail authentication | Tiki Wiki CMS Groupware :: Development

Integrate e-mail authentication

### Status

● Open

### Subject

Integrate e-mail authentication

### Version

21.x

25.x

26.x

### Category

- Feature request

### Feature

Mail Queue

### Resolution status

New

### Submitted by

hman

### Lastmod by

hman

### Rating

★★★★★ (0) ?

### Related-to

- ● Stop TW Sending Spoofed E-mails

### Description

In addition to EmmArrBee's bug report that TW should not send spoofed mails, I would like to add something on top. Nowadays, admins might want to reassure their users that mails from a Tiki installation really are genuine. There are several ways towards this goal.

I would like to sort them by importance and ease of integration like this:

- DKIM (Domain Key Identified Mail)
- GPG cryptographic signing
- GPG full encryption

DKIM needs at least some assistance by the ISP, but some parts can be integrated into Tiki. DKIM will soon become necessary for not getting spam-filtered.

Signing and encrypting actually do not need much, because the cryptographic part can be fully outsourced to a pre-existing GPG. It should be checked whether GPG\_PATH is set (usually to /opt/gnupg/bin/gpg). A keyring must exist or be created,

The only tricky thing that comes to my mind is the handling of the passphrase. As we cannot ask the admin to enter the passphrase each and every time, we must store it somewhere, which opens a security risk of it getting compromised. So admins should be advised that they create a key and

passphrase that can be easily exchanged if compromised. Admins shall be advised to not use their (or someone else's) personal keys for this purpose under ANY circumstance! For comfort, the revoking of the old key could become a Tiki feature somewhere.

Importance

6

Easy to solve?

4

Priority

24

Demonstrate Bug (Tiki 19+)

Please demonstrate your bug on [show2.tiki.org](https://show2.tiki.org)

Version: trunk ▼

Demonstrate Bug (older Tiki versions)

Please demonstrate your bug on [show.tikiwiki.org](https://show.tikiwiki.org)

Version: 18.x ▼

Ticket ID

8147

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Monday 23 May, 2022 08:20:54 GMT-0000  
by hman

LastModif

Friday 27 May, 2022 12:40:36 GMT-0000

Comments

Attachments

filename	created	hits	comment	version	filetype
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No attachments for this item

The original document is available at <https://dev.tiki.org/item8147-Integrate-e-mail-authentication>