

## hyperkitty\_import command leaves archives public until import finishes

At Wikimedia we are working on migrating from Mailman2 to Mailman3. We discovered that during the archive import process (hyperkitty\_import), the archives are entirely public until the import finishes (anywhere from minutes to an hour).

I reproduced this in our testing environment and believe I've identified the cause.

### Steps to reproduce:

Create a list in Mailman2 and set the archives to be private.

Import the list in Mailman3:

```
mailman create test@example.org
mailman import21 test@example.org /var/...config.pck
```

Inspect the mailman3.mailinglist database table, archive\_policy for that list should be 1.

Inspect the mailman3\_web.hyperkitty\_mailinglist database table, the list should not yet be present. At this point the hyperkitty web UI says the list does not exist.

Import the archive into hyperkitty (I created a dummy mbox with tens of thousands of emails so it wouldn't finish immediately):

```
mailman-web hyperkitty_import -l test@example.org test.mbox
```

Once the progress marker appears, the list archives should be public on the web, despite the archive policy being set to private.

If you inspect the mailman3\_web.hyperkitty\_mailinglist table, the list will be there with archive\_policy set to 2 (public). Once the import finishes, it'll be synced with mailman and change to the correct setting of 1.

### Likely cause:

hyperkitty\_import does not explicitly create an entry in the hyperkitty\_mailing list table, it only does so once the hyperkitty.lib.incoming.add\_to\_list() function is called on the first message:

```
mlist = MailingList.objects.get_or_create(name=list_name)[0]
if not getattr(settings, "HYPERKITT_BATCH_MODE", False):
    update_from_mailman(mlist.name)
mlist.save()
```

Because batch mode is set, the default settings for the MailingList object are used, which is a public archive.

### Suggested remediation:

hyperkitty\_import should explicitly create and insert the MailingList object and sync it with mailman before beginning the import so that the correct archive\_policy is used.

MailingList.archive\_policy should default to private. Given that in all cases update\_from\_mailman() should be immediately called, it shouldn't actually make a difference, except in cases like this where the list object isn't synced right away.

Credit: Amir Sarabadani and Kunal Mehta.

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1351

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## Activity

- Abhilash Raj mentioned in merge request 1351 (merged) 1 year ago
- legoktm closed via commit 20251245 1 year ago
- Mark Sapiro made the issue visible to everyone 1 year ago

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