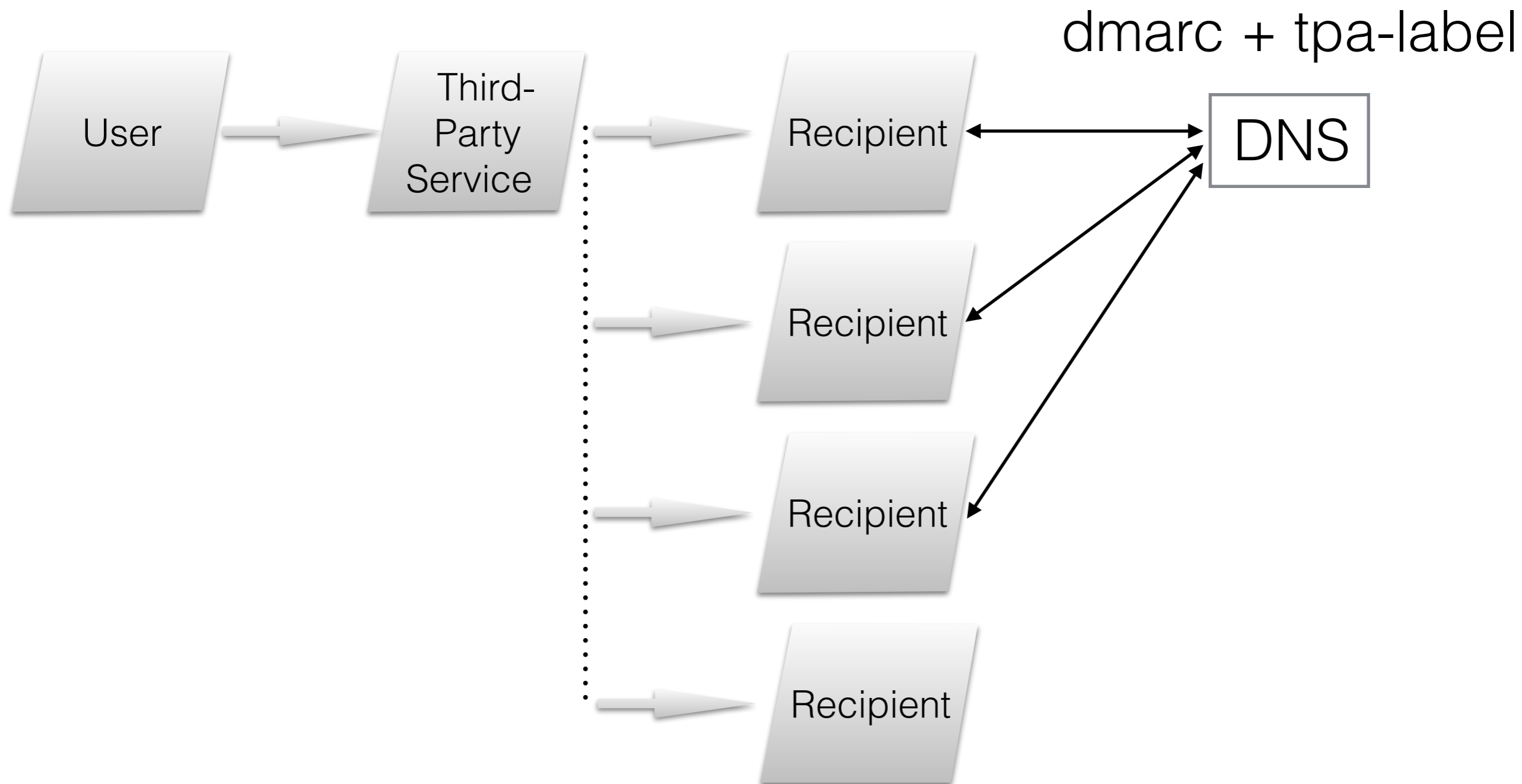


draft-otis-tpa-label

APPSAWG

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Taking responsibility for ***informally federated*** services making use of **DMARC** domain's **From header field**

Trusting From header fields

- **DMARC** is a pragmatic effort at improving the trustworthiness of **From header fields** by providing reliable and non-disruptive **rejection** criteria
- Only **DMARC** domain receives feedback and is authoritative on use of their **From header fields**
- To extend **DMARC**, source/header field domain alignment can be augmented by an informal federation of domains managed by the **DMARC** domain as conveyed to recipients using **TPA-Labels**

Agile Defense of the From

- **DMARC+TPA-Label** informally conveys federated domains sending messages containing “their”
From header field
- **TPA-Label** avoids **From header field** modification
- **TPA-Label** selectively extends validation methods
- **TPA-Label** selectively extends header field and alignment requirements:
 1. **Sender** {TPA-LLD}
 2. **List-ID** {TPA-LLD}
 3. **OAR**

Protection of Privacy

- **DMARC+TPA-Label** better ensures feedback will not inadvertently contain private messages, such as those involving back-office services, or mailing-list subscriptions even when a message is never sent
- **DMARC+TPA-Label** will never convey Personally Identifiable Information, **PII**
- **DMARC+TPA-Label** conveys valid hash-obscured informally federated domains to effectively mitigate the spoofing of their user's messages

Very Low Overhead

- **TPA-Label** transactions impose Less overhead than **Reverse DNS** or **DKIM** like schemes
- **TPA-Label** transactions allow expedient authorization revocation using small and easily managed resources
- **TPA-Label** only supports alignment exceptions which account for a tiny fraction of overall email
- Feedback to include Requests for Federation

General Overview

- Managed only by **DMARC** domains
- **TPA-Label** decoys can detect illegal harvesting
- Fully transparent for all **Third-Party Services**
- Will **NOT** modify messages or impact message size
- Subdomains can obscure the specific domain
- Offers reliable and non-disruptive rejection criteria

**“Lukewarm acceptance is more bewildering
than outright rejection.”**

-Martin Luther King, Jr.