

# Email Security Setup - 2026-03-20

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*Date: March 22, 2026*

## Domains Configured

Domain	Status
-----	-----
stsgym.com	<input type="checkbox"/> Complete
stsphoto.com	<input type="checkbox"/> Complete
bedimsecurity.com	<input type="checkbox"/> Complete

## DNS Records Added

### stsgym.com

Type	Name	Value
-----	-----	-----
TXT	@	v=spf1 mx a:mail.stsgym.com ip4:207.244.226.151 include:_spf.mx.cloudflare.net ~all
TXT	_dmarc	v=DMARC1; p=quarantine; rua=mailto:dmarc@stsgym.com; ruf=mailto:dmarc@stsgym.com; pct=100; adkim=s; aspf=s
TXT	mail._domainkey	(DKIM key - existing)

### stsphoto.com

Type	Name	Value
-----	-----	-----
MX	@	mail.stsgym.com (priority 10)
TXT	@	v=spf1 mx a:mail.stsgym.com ip4:207.244.226.151 ~all
TXT	_dmarc	v=DMARC1; p=quarantine; rua=mailto:dmarc@stsgym.com; ruf=mailto:dmarc@stsgym.com; pct=100; adkim=s; aspf=s
TXT	mail._domainkey	(DKIM key - generated)

### bedimsecurity.com

Type	Name	Value
-----	-----	-----

MX	@	mail.stsgym.com (priority 10)
TXT	@	v=spf1 mx a:mail.stsgym.com ip4:207.244.226.151 ~all
TXT	_dmarc	v=DMARC1; p=quarantine; rua=mailto:dmarc@stsgym.com; ruf=mailto:dmarc@stsgym.com; pct=100; adkim=s; aspf=s
TXT	mail._domainkey	(DKIM key - generated)

## OpenDKIM Configuration

### Signing Table (/etc/opendkim/signing.table)

```
``` *@stsgym.com mail._domainkey.stsgym.com *@stsphoto.com
mail._domainkey.stsphoto.com *@bedimsecurity.com
mail._domainkey.bedimsecurity.com ```
```

### Key Table (/etc/opendkim/key.table)

```
``` mail._domainkey.stsgym.com
stsgym.com:mail:/etc/opendkim/keys/stsgym.com/mail.private
mail._domainkey.stsphoto.com
stsphoto.com:mail:/etc/opendkim/keys/stsphoto.com/mail.private
mail._domainkey.bedimsecurity.com
bedimsecurity.com:mail:/etc/opendkim/keys/bedimsecurity.com/mail.private
```
```

## DKIM Verification

```
``` bash sudo opendkim-testkey -d stsgym.com -s mail -vvv sudo opendkim-
testkey -d stsphoto.com -s mail -vvv sudo opendkim-testkey -d
bedimsecurity.com -s mail -vvv ```
```

All tests show: `key OK`

## Postfix Configuration

Added domains to mydestination:

```
``` mydestination = $myhostname, localhost.$mydomain, localhost,
$mydomain, stsgym.com, stsphoto.com, bedimsecurity.com,
mail.bedimsecurity.com ```
```

## Email Sending Tests

All three domains successfully send emails with DKIM signing:

- noreply@stsgym.com → [EMAIL REDACTED] (delivered)
- noreply@stspphoto.com → [EMAIL REDACTED] (delivered)
- noreply@bedimsecurity.com → [EMAIL REDACTED] (delivered)

## Cloudflare Zone IDs

Domain	Zone ID
-----	-----
stsgym.com	8fb7af29a9cf5f1fa7ac28fdadb0808e
stspphoto.com	8ab301ea42ea2108c04bbe388286b4cd
bedimsecurity.com	3481f50f6025c32e992c2d6da67516f6

## Security Summary

Feature	stsgym.com	stspphoto.com	bedimsecurity.com
-----	-----	-----	-----
MX Record	<input type="checkbox"/> Cloudflare	<input type="checkbox"/> mail.stsgym.com	<input type="checkbox"/> mail.stsgym.com
SPF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DKIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DMARC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Email Sending	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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\*Created: 2026-03-20\*