

# How to Protect Your Email from Spam

## DKIM

DKIM (DomainKeys Identified Mail) is a cryptographic method for signing mail. Mail is signed with the private key on the mail server. The public key may be retrieved from the domains TXT record for verification.

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## SPF

### WORKING

The SMTP protocol was not originally designed to be very resistant to spoofing. SPF tries to help by reading rules about sender servers from the domain TXT records.

### PROBLEMS

SPF does not take redirected mail into account. Due to SPF, all redirected mail would be discarded as fake.

### RECOMMENDATION

Don't use SPF. Instead, use DKIM.

Further reading:

[Wikipedia](#)

[Why you shouldn't jump on the SPF bandwagon](#)

[Sender Policy Framework project](#)

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## DCC

DCC (Distributed Checksum Clearinghouses) creates a checksum from all mail. If the same checksum is detected many times, the spam score is increased.

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# PYZOR

Pyzor is an offspring of Razor and works in a similar manner. Mail checksums are collected and checked against multiple rules on central servers.

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# RAZOR

Razor is a closed source community spam filter. Further reading: [Vipul's Razor](#)

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Revision #2

Created 2023-10-25 12:58:48 CEST by DotRoll Knowledge Base

Updated 2026-05-18 11:24:41 CEST by DotRoll Knowledge Base