

## **The Internet Engineering Task Force (IETF®)**

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### **IETF Active mailing lists**

This is where you can join in and follow the discussion on topics related to spam:

General discussion of application-layer protocols:

<https://www.ietf.org/mailman/listinfo/apps-discuss>

Domain-based Message Authentication, Reporting, and Compliance (DMARC):

<https://www.ietf.org/mailman/listinfo/dmarc>

### **IETF Requests for Comments (RFCs)**

Below are some suggested spam related IETF RFCs that may be of interest. This is not an exhaustive list of the work at IETF but does provide a good example of IETF work that might be of interest.

You can locate the RFC from the list listed below by entering the RFC number in the search field at [http://www.rfc-editor.org/search/rfc\\_search.php](http://www.rfc-editor.org/search/rfc_search.php)

RFC 2635 DON'T SPEW A Set of Guidelines for Mass Unsolicited Mailings and Postings (spam\*). S. Hambridge, A. Lunde. June 1999 (INFORMATIONAL)

RFC 4406 Sender ID: Authenticating E-Mail. J. Lyon, M. Wong. April 2006. (EXPERIMENTAL)

RFC 4407 Purported Responsible Address in E-Mail Messages. J. Lyon. April 2006. (EXPERIMENTAL)

RFC 4408 Sender Policy Framework (SPF) for Authorizing Use of Domains in E-Mail, Version 1. M. Wong, W. Schlitt. April 2006. (Obsoleted by RFC7208) (Updated by RFC6652) (EXPERIMENTAL)

RFC 5518 Vouch By Reference. P. Hoffman, J. Levine, A. Hathcock. April 2009. (PROPOSED STANDARD)

RFC 4686 Analysis of Threats Motivating DomainKeys Identified Mail (DKIM). J. Fenton. September 2006. (INFORMATIONAL)

RFC 4870 Domain-Based Email Authentication Using Public Keys Advertised in the DNS (DomainKeys). M. Delany. May 2007. (Obsoleted by RFC4871) (HISTORIC)

RFC 4871 DomainKeys Identified Mail (DKIM) Signatures. E. Allman, J. Callas, M. Delany, M. Libbey, J. Fenton, M. Thomas. May 2007. (Obsoletes RFC4870) (Obsoleted by RFC6376) (Updated by RFC5672) (PROPOSED STANDARD)

RFC 5016 Requirements for a DomainKeys Identified Mail (DKIM) Signing Practices Protocol. M. Thomas. October 2007. (INFORMATIONAL)

RFC 5451 Message Header Field for Indicating Message Authentication Status. M. Kucherawy. April 2009. (Obsoleted by RFC7001) (Updated by RFC6577) (PROPOSED STANDARD)

RFC 5585 DomainKeys Identified Mail (DKIM) Service Overview. T. Hansen, D. Crocker, P. Hallam-Baker. July 2009. (INFORMATIONAL)

RFC 5617 DomainKeys Identified Mail (DKIM) Author Domain Signing Practice (ADSP). E. Allman, J. Fenton, M. Delany, J. Levine. August 2009. (HISTORIC)

RFC 5672 RFC 4871 DomainKeys Identified Mail (DKIM) Signatures -- Update. D. Crocker, Ed.. August 2009. (Obsoleted by RFC6376) (Updates RFC4871) (PROPOSED STANDARD)

RFC 5782 DNS Blacklists and Whitelists. J. Levine. February 2010. (INFORMATIONAL)

RFC 5863 DomainKeys Identified Mail (DKIM) Development, Deployment, and Operations. T. Hansen, E. Siegel, P. Hallam-Baker, D. Crocker. May 2010. (Status: INFORMATIONAL)

RFC 6376 DomainKeys Identified Mail (DKIM) Signatures. D. Crocker, Ed., T. Hansen, Ed., M. Kucherawy, Ed.. September 2011. (Obsoletes RFC4871, RFC5672) (Also STD0076) (INTERNET STANDARD)

RFC 6377 DomainKeys Identified Mail (DKIM) and Mailing Lists. M. Kucherawy. September 2011. (Also BCP0167) (BEST CURRENT PRACTICE)

RFC 6471 Overview of Best Email DNS-Based List (DNSBL) Operational Practices. C. Lewis, M. Sergeant. January 2012. (INFORMATIONAL)

RFC 6541 DomainKeys Identified Mail (DKIM) Authorized Third-Party Signatures. M. Kucherawy. February 2012. (EXPERIMENTAL)

RFC 6651 Extensions to DomainKeys Identified Mail (DKIM) for Failure Reporting. M. Kucherawy. June 2012. (PROPOSED STANDARD)

RFC 6652 Sender Policy Framework (SPF) Authentication Failure Reporting

Using the Abuse Reporting Format. S. Kitterman. June 2012.  
(Updates RFC4408) (PROPOSED STANDARD)

RFC 7001 Message Header Field for Indicating Message Authentication  
Status. M. Kucherawy. September 2013. (Obsoletes RFC5451, RFC6577) (PROPOSED  
STANDARD)