

**Objective**: Provide ISPs and network operators good analysis tools to analyze and understand spam traffic patterns on their networks. Mailshell and ISOC are providing free SpamIQ analysis reports.

### What is SpamIQ?

SpamIQ is Mailshell's methodology for charting spam attack patterns, and parsing the data based on key attributes including senders of spam, sending ISPs, spam languages, character sets, etc.

### **Benefits to Service Providers and Mobile Operators**

- Understand Spam Attack Vectors in Greater Detail: Operators receive free, detailed reports on spam hitting their networks.
- Improve Spam Detection, Filtering and Performance: Operators can configure their systems for better accuracy and performance based off data reports.
- Enhance Networks: Prioritize resources to ensure that spam doesn't devour hardware, software, bandwidth or storage, and/or personnel resources.

# How to Submit Corpora of Spam

Create Corpus



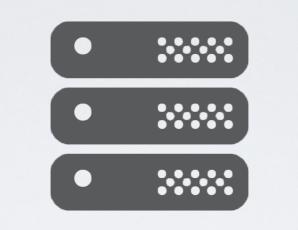
- Messages must have all original headers intact
- Messages in RFC 822
   format
- Corpus size: Between 10,000 and 10 million spam.



• Create a .ZIP file or tarball



**Post on Your Network** 



Post to your network in a password-protected directory.

### **Provide Access Credentials**

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| Name:<br>Phone:<br>Email:<br>Company:<br>Access Credentials:             |                          |   |
|  |                          |   |

Submit access credentials via email for us to retrieve the corpus.





# Submitting Access Credentials to Mailshell

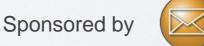
Send an email to spamiq@mailshell.com
and include the following:

- Name
- Phone Number
- Email\*
- Company Name
- Access Credentials for Corpus

\*Please use your corporate email address.

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| Name:<br>Phone:<br>Email:<br>Compan<br>Access | y:<br>Credentials:  |                          | <ul> <li>★</li> <li>★</li> </ul> |

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## SpamIQ Report

|   |  | SpamIQ Report   |  |
|---|--|---|--|
|   |  | (Updated: 3:13 am GMT 07/31/201   | 3)   |
| ] Data Source: 🛛 🛛  | Number of Messages > 1 Mon   | th > Worldwide  |  |
| All Total Defense Data Chart: Comments in message   | Rank     Message Type       #1     Total Spam       #2     Generic Spam       #3     Newsletter-like Spam       #4     Total Ham       #5     Newsletter-like Ham       #6     Unclassified Ham       #7     Auto-Reply-like Ham | * (%)<br>1602598 (82.0%)<br>1085454 (55.5%)<br>460331 (23.5%)<br>352966 (18.0%)<br>243029 (12.4%)<br>83396 (4.3%) | 90000<br>80000<br>70000<br>60000                                       |
| Geo distance     Recipients in messages     Domains Registrars     Subject phrases     Subject of Messages     Name Servers | #8 Auto-Reply-like Spam<br>#9 Fraud-like Spam<br>#10 Adult-like Spam   | 60212 (3.1%)  <br>52556 (2.7%)  <br>41338 (2.1%)  <br>15950 (0.8%)<br>or Export XLS File                          | 50000<br>40000<br>30000<br>20000<br>10000                              |
| ] Date Ranges: 7  |  |   | 0  |
|   | Domains in Ham Messages > >  | 1 Month > Worldwide   | 0 5 10 15 20 25  |
| ] Message Language: 🔋   | Rank Domain  | # (%)   | 2500 J   |
| All Combined Combined Chinese English Recipient Geography: 2  | <ul> <li>#1 2 facebook.com</li> <li>#2 twitter.com</li> <li>#3 1/ycos.com</li> <li>#4 ed4.net</li> <li>#5 2 akamai.net</li> </ul>  | 42036 (12.3%)<br>31114 (9.1%)<br>27537 (8.0%)<br>14073 (4.1%)<br>13300 (3.9%)                                     | 2000   |
| All Vorldwide North America Europe Recipient TLD: 2   | <ul> <li>#6 returnpath.net</li> <li>#7 youtube.com</li> <li>#8 doubleclick.net</li> <li>#9 bex.net</li> <li>#10 google.com</li> </ul>  | 12234 (3.6%)<br>11050 (3.2%)<br>10970 (3.2%)<br>9432 (2.8%)<br>8385 (2.4%)  |  |
| All Combined .com   | Export CSV File  | or Export XLS File  | 0 0 5 10 15 20 25  |
| ]Table size: 👔  | Domains in Spam Messages >   | 1 Month > Worldwide   |  |
| Small (10) Small (10)   | Rank     Domain       #1     Iycos.com       #2     2       #3     yahoo.com       #4     bex.net       #5     twitter.com   | # (%)<br>120369 (7.5%)<br>54622 (3.4%)<br>34794 (2.2%)<br>33153 (2.1%)<br>28724 (1.8%)                            | 9000<br>8000<br>7000<br>6000   |
| Show report   | #6 gmail.com<br>#7 yahoogroups.com<br>#8 buckeye-express.cc<br>#9 google.com<br>#10 decreated.com<br>Export CSV File   | 18443 (1.2%)<br>15966 (1.0%)<br>om 15802 (1.0%)<br>13605 (0.8%)<br>12656 (0.8%)<br>or Export XLS File             | 5000<br>4000<br>3000<br>2000<br>1000<br>0<br>5<br>10<br>15<br>20<br>25 |

### Sample SpamIQ report

SpamIQ Program version 1.0 includes analysis of:

- Types of Spam Messages
- Domains in Messages
- Domains Without Subdomains
- Senders of Messages
- Countries of Senders
- Languages of Messages
- Charsets of Messages
- ISPs of Senders
- Message Size

Reports can be sorted by:

- Date Ranges
- Message Language
- Recipient Geography
- Recipient TLD

- Local Time Received
- GMT Time Received
- Attachments in message
- Geo distance
- Recipients in messages
- Domains Registrars
- Subject phrases
- Subjects of Messages
- Name Servers

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• Language Code Pages





## Who is Mailshell?



Mailshell, based in San Francisco, CA., is a leading provider of spam filtering technologies to OEMs. Millions of users and thousands of companies worldwide rely on Mailshell filtering including the following:





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