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Configure Postfix for DNS Blackhole Lists such as dsbl.org / spamhaus.org database

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Q. How do I configure my Postfix mail server to scan incoming mail for spam using DNS Blackhole List such as:

- a) The Spamhaus
- b) Open Relay Database etc

**POSTFIX**

[1]

A. To discard spam or garbage email you can use 3rd party services such as Spamhaus.

These are realtime database of IP addresses of verified spam sources and spam operations (including spammers, spam gangs and spam support services), maintained by the Spamhaus or other project team and supplied as a free service to help email administrators better manage incoming email streams.

Postfix MTA DNS Blackhole Lists Configuration

Under Postfix mail server you need to define DNSRBLs in main.cf file using the smtpd_recipient_restrictions configuration directive. Open main.cf file:

```
# vi /etc/postfix/main.cf
```

Locate smtpd_recipient_restrictions line and setup reject_rbl_client as follows:

```
smtpd_recipient_restrictions =  
....  
.....  
    reject_rbl_client list.dsbl.org,  
    reject_rbl_client sbl-xbl.spamhaus.org,  
    reject_rbl_client cbl.abuseat.org,  
    reject_rbl_client dul.dnsbl.sorbs.net,  
....  
    permit
```

Here is my complete configuration:

```
smtpd_recipient_restrictions =  
    reject_invalid_hostname,  
    reject_non_fqdn_hostname,  
    reject_non_fqdn_sender,  
    reject_non_fqdn_recipient,  
    reject_unknown_sender_domain,  
    reject_unknown_recipient_domain,  
    reject_unauth_destination,  
    permit_mynetworks,  
    reject_rbl_client list.dsbl.org,  
    reject_rbl_client sbl-xbl.spamhaus.org,  
    reject_rbl_client cbl.abuseat.org,  
    reject_rbl_client dul.dnsbl.sorbs.net,  
    permit
```

Save and close the file. Restart / reload postfix mail server:

```
# /etc/init.d/postfix restart
```

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