

# EXILOG

Exim Logs Queue Management Tool

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# What is Exilog?

- Exilog is an open source tool to centralize and visualize Exim logs across multiple Exim Servers.
- It is used in addition to Exim's standard or syslog logging.
- It does not require changing Exim or its logging style and doesn't require restarting Exim Daemon.

# Features of Exilog

- Search for addresses, hosts ( names and IP addresses), message Ids and ident strings.
- Filter by event types: Arrival, Deliveries, Deferrals, Errors, Rejects and messages that are still on-queue.
- Message actions: Force deliveries, cancel and delete
- Filter by time range, servers and server groups
- See basic host statistics, message sizes, message transfer times

# Features of Exilog -- Continue

- Point-and-click on message Ids, IP addresses, hostnames to get different filtering results.
- Track messages across servers by header message ID.

# Exilog Target Audience

- This tool is used for Postmasters who want to be able to troubleshoot email delivery across their Exim installations, no matter if used as relays or backend IMAP and POP toasters.
- It's very good for Postmasters who want to offload email support to staff who are less proficient with grep, sed and awk.

LABS

# Installing Exilog

- Prerequisite for installing Exilog is Mysql Server with installation step as below
- Cd /usr/ports/databases/mysql50-server  
make install clean
- Cd /usr/ports/mail/exilog  
make install clean

# Setting up exilog Mysql Database

- Enabling mysql server  
vi /etc/rc.conf  
mysql\_enable="YES"
- Creating an account for exilog on mysql server  
mysql -uroot  
create database exilog ;  
grant all on exilog.\* to 'exilog'@'localhost' identified by 'afnog' ;
- Install the initial exilog database  
cd /usr/local/share/doc/exilog  
mysql -uexilog -pafnog exilog < mysql-db-script.sql



# Configuring Exilog

- `cp /usr/local/etc/exilog.conf-dist /usr/local/etc/exilog.conf`
- `vi /usr/local/etc/exilog.conf`  
#Example for local MySQL server  
'type'       => 'mysql',  
'DBI'        => 'DBI:mysql:database=exilog;',  
'user'       => 'exilog',  
'pass'       => 'afnog'

# Configuring Exilog -- Continue

- 'logs' => [  
  '//var/log/exim/mainlog',  
  '/var/log/exim/rejectlog'  
  ],
- # Path to your Exim binary  
  'exim' => '/usr/local/sbin/exim',

# Configuring Apache server

```
vi /usr/local/etc/apache22/httpd.conf  
# Virtual hosts  
Include etc/apache22/extra/httpd-vhosts.conf  
vi /usr/local/etc/apache22/extra/httpd-vhosts.conf
```

```
<VirtualHost *:80>
```

```
    ServerAdmin email@xxxx.afnogws.gh
```

```
    DocumentRoot /usr/local/www/exilog
```

```
    ServerName exilog.xxxx.afnogws.gh
```

```
    ErrorLog /var/log/exilog.xxxx.afnogws.gh-error_log
```

```
CustomLog /var/log/exilog.xxx.afnogws.gh_log common
```

```
ScriptAlias /exilog_cgi.pl /usr/local/www/exilog/exilog_cgi.pl
```

```
<Directory "/usr/local/www/exilog/">
```

```
AllowOverride AuthConfig
```

```
Options +ExecCGI
```

```
Order allow,deny
```

```
Allow from all
```

```
</Directory>
```

```
</Directory>
```

```
Alias /exilog "/usr/local/www/exilog/"
```

```
<Directory "/usr/local/www/exilog">
```

```
Options None
```

```
AllowOverride AuthConfig
```

```
Order allow,deny
```

```
Allow from all
```

```
</Directory>
```

```
</VirtualHost>
```

```
vi /usr/local/etc/apache22/httpd.conf
```

```
# Modify DirectoryIndex to look like as below
```

```
DirectoryIndex exilog_cgi.pl index.html
```

# Creating Credential Access

- `vi /usr/local/www/exilog/.htaccess`

`AuthName "Exilog Access"`

`AuthType Basic`

`AuthUserFile`

`/usr/local/www/exilog/htpasswd.users`

`require valid-user`

- `htpasswd -c /usr/local/www/exilog/htpasswd.users exilog`

# Running Exilog

- `Vi /etc/rc.conf`  
`exilog_enable="YES"`
- `Chmod 644 /usr/local/etc/exilog.conf`
- `/usr/local/etc/rc.d/exilog start`
- <http://exilog.xxxx.afnogws.gh>

# Documentation

- Download Exilog source  
<http://duncanthrax.net/exilog/>

- Sample Exilog screenshots

<http://duncanthrax.net/exilog/screenshots/>