

```

# start of /etc/exim/exim.conf

#####
#             EXIM CONFIGURATION             #
#####

    .include /etc/exim/exim-local-settings.txt

    system_filter = /etc/exim/exim-system-filter.txt
    system_filter_reply_transport = my_address_reply_transport
    system_filter_user = exim

    domainlist my_local_domains = /etc/exim/exim-local-domains.txt

    domainlist my_relay_for_domains = /etc/exim/exim-relay-mail-for-this-list-of-
domains.txt

    hostlist my_relay_from_hosts = /etc/exim/exim-relay-mail-from-this-list-of-
ip-addresses.txt

    acl_smtp_rcpt      =      my_receive_acl

#####
#             ACL CONFIGURATION             #
#####

begin acl

    my_receive_acl:

        accept hosts =:

        deny    message      = MACRO_RESTRICTED_CHARACTERS
                domains      = +my_local_domains
                local_parts   = ^[.] : ^.*[!@%|/|]

        deny    message      = MACRO_RESTRICTED_CHARACTERS
                domains      = !+my_local_domains
                local_parts   = ^[./|] : ^.*[!@%!] : ^.*[\\\.\\\.\/

        accept domains      = +my_local_domains
                endpass

        accept hosts        = +my_relay_for_domains
                endpass

        accept hosts        = +my_relay_from_hosts
                endpass

        deny    message      = MACRO_RELAY_NOT_PERMITTED

#####
#             ROUTERS CONFIGURATION         #
#####

begin routers

    my_redirect_router:
        driver = redirect
        data = ${lookup{$local_part@$domain}lsearch{/etc/exim/exim-redirect-mail-
for-this-list-of-users.txt}}

```

```
my_relay_domains_router:
  driver = manualroute
  domains = +my_relay_for_domains
  transport = my_remote_smtp_transport
  route_data = ${lookup{$domain}lsearch{/etc/exim/exim-deliver-relay-mail-to-
this-list-of-servers.txt}}
  no_more
```

```
# my_external_domains_router:
# domains = !+my_local_domains : !+my_relay_for_domains
# ignore_target_hosts = 0.0.0.0 : 127.0.0.0/8
# driver = dnslookup
# transport = my_remote_smtp_transport
# no_more
```

```
my_external_domains_smarthost_router:
  domains = !+my_local_domains : !+my_relay_for_domains
  ignore_target_hosts = 0.0.0.0 : 127.0.0.0/8
  driver = manualroute
  route_data = MACRO_SMARTHOST
  transport = my_remote_smtp_transport
  no_more
```

```
my_local_domains_router:
  driver = accept
  check_local_user
  transport = my_local_delivery_transport
  cannot_route_message = MACRO_UNKNOWN_USER
  no_more
```

```
#####
# TRANSPORTS CONFIGURATION #
#####
```

```
begin transports
```

```
my_remote_smtp_transport:
  driver = smtp
  headers_add = X-processed-by: MACRO_HEADER_ADDED
```

```
my_remote_smtp_transport_port_587:
  driver = smtp
  port = 587
  headers_add = X-processed-by: MACRO_HEADER_ADDED port 587
```

```
my_remote_smtp_transport_port_1025:
  driver = smtp
  port = 1025
  headers_add = X-processed-by: MACRO_HEADER_ADDED port 1025
```

```
my_remote_smtp_transport_port_2525:
  driver = smtp
  port = 2525
  headers_add = X-processed-by: MACRO_HEADER_ADDED port 2525
```

```
my_local_delivery_transport:
  driver = appendfile
  file = /var/mail/$local_part
  delivery_date_add
  envelope_to_add
  return_path_add
```

```
group = mail
mode = 0660

my_address_reply_transport:
  driver = autoreply
  headers_add = X-processed-by: MACRO_HEADER_ADDED autoreply

#####
#          RETRY CONFIGURATION          #
#####

begin retry

  .include /etc/exim/exim-retry-and-timeout-settings.txt

# end of /etc/exim/exim.conf
```

```
# start of /etc/exim/exim-local-domains.txt

red.example
*.red.example

# end of /etc/exim/exim-local-domains.txt
```

```
# start of file /etc/exim-accept-mail-from-this-list-of-ip-addresses.txt

127.0.0.1
10.0.0.0/8

# end of file /etc/exim-accept-mail-from-this-list-of-ip-addresses.txt
```

```
# start of /etc/exim/exim-local-settings.txt

MACRO_HOSTNAME           =          mail-server-1
MACRO_CONTACT            =          John Smith on +44 (0)123 456 7890
MACRO_LOCATION           =          Manchester-UK

MACRO_HEADER_ADDED      =          processed by MACRO_HOSTNAME ,
MACRO_LOCATION , $tod_full

MACRO_SMTP_BANNER       =          MACRO_HOSTNAME , MACRO_LOCATION ,
Ready...

MACRO_SMARTHOST         =          10.0.0.99
```

```
MACRO_UNKNOWN_USER          =      \n\n *** Unknown user, please contact
MACRO_CONTACT if you require further assistance. Error generated by
MACRO_HOSTNAME , MACRO_LOCATION on $tod_full *** \n\n
```

```
MACRO_RELAY_NOT_PERMITTED   =      \n\n *** Relay not permitted, please
contact MACRO_CONTACT if you require further assistance. Error generated by
MACRO_HOSTNAME , MACRO_LOCATION on $tod_full *** \n\n
```

```
MACRO_RESTRICTED_CHARACTERS =      \n\n *** Restricted characters in
email address, please contact MACRO_CONTACT if you require further assistance.
Error generated by MACRO_HOSTNAME , MACRO_LOCATION on $tod_full *** \n\n
```

```
qualify_domain              =      red.example
qualify_recipient           =      red.example
host_lookup                 =      *
never_users                 =      root
message_size_limit         =      20M
smtp_accept_max            =      100
smtp_banner                 =      MACRO_SMTP_BANNER
ignore_bounce_errors_after =      2d
timeout_frozen_after       =      7d
```

```
daemon_smtp_ports          =      25:587:1025:2525
```

```
delay_warning              =      24h
received_headers_max       =      30
```

```
queue_only                 =      true
```

```
queue_run_max              =      10
```

```
disable_ipv6               =      true
```

```
helo_allow_chars           =      -
```

```
rfc1413_query_timeout     =      0s
```

```
# end of /etc/exim/exim-local-settings.txt
```

```
# start of /etc/exim/exim-redirect-mail-for-this-list-of-users.txt
```

```
root@red.example:         admin@red.example
boss@red.example:         pa@red.example
john.smith@red.example:   jsmith@red.example
fired@red.example:        hired@red.example
```

```
test-list@red.example:    alice@red.example, bob@red.example,  
carol@red.example,
```

```
# end of /etc/exim/exim-redirect-mail-for-this-list-of-users.txt
```

```
# start of /etc/exim/exim-retry-and-timeout-settings.txt
```

```

# Retry..      every 10 mins for 2 hours
# Then..      every hour for 24 hours
# Finally..   every 6 hours for 4 days

# Domain      Error      Retry..      Then..      Finally..
*             *             F,2h,10m;   F,24h,1h;   F,4d,6h

orange.example *           F,1h,5m;    F,12h,30m; F,2d,3h
yellow.example *           F,1h,5m;    F,12h,30m; F,2d,3h
green.example  *           F,1h,5m;    F,12h,30m; F,2d,3h

blue.example  *           F,1h,2m;    F,12h,15m; F,2d,1h
indigo.example *          F,1h,2m;    F,12h,15m; F,2d,1h
violet.example *          F,1h,2m;    F,12h,15m; F,2d,1h

# end of /etc/exim/exim-retry-and-timeout-settings.txt

```

```

# start of /etc/exim/exim-relay-mail-for-this-list-of-domains.txt

orange.example
yellow.example
green.example
blue.example
indigo.example
violet.example

# end of /etc/exim/exim-relay-mail-for-this-list-of-domains.txt

```

```

# start of /etc/exim/exim-deliver-relay-mail-to-this-list-of-servers.txt

orange.example:      10.0.0.2
yellow.example:      10.0.0.3      my_remote_smtp_transport_port_587
green.example:       10.0.0.4      my_remote_smtp_transport_port_587
blue.example:        10.0.0.5      my_remote_smtp_transport_port_1025
indigo.example:      10.0.0.6      my_remote_smtp_transport_port_1025
violet.example:      10.0.0.7      my_remote_smtp_transport_port_2525

# end of /etc/exim/exim-deliver-relay-mail-to-this-list-of-servers.txt

```

```

# Exim Filter

unseen deliver admin@violet.example errors_to admin@red.example

```

```
if $message_size is above 10m and $header_subject: does not contain "URGENT"
then
  mail
  to          $sender_address
  bcc         "admin@red.example"
  from        "do-not-reply@red.example"
  subject     "RE: $h_subject:"
  text        "$sender_address , $h_subject: , $tod_full \n\nYour message
has been processed, but was over 10MB (megabytes) in size. \n\nPlease try to
keep messages below 10MB as this can have a significant impact on both sender
and recipients mail systems. \n\nThanks you. \n"
endif

# end of /etc/exim/exim-system-filter.txt
```