###

###' ejabberd configuration file

###

###

### The parameters used in this configuration file are explained in more detail

### in the ejabberd Installation and Operation Guide.

### Please consult the Guide in case of doubts, it is included with

### your copy of ejabberd, and is also available online at

### http://www.process-one.net/en/ejabberd/docs/

### The configuration file is written in YAML.

### Refer to http://en.wikipedia.org/wiki/YAML for the brief description.

### However, ejabberd treats different literals as different types:

###

### - unquoted or single-quoted strings. They are called "atoms".

### Example: dog, 'Jupiter', '3.14159', YELLOW

###

### - numeric literals. Example: 3, -45.0, .0

###

### - quoted or folded strings.

### Examples of quoted string: "Lizzard", "orange".

### Example of folded string:

### > Art thou not Romeo,

### and a Montague?

###. =======

###' LOGGING

##

## loglevel: Verbosity of log files generated by ejabberd.

## 0: No ejabberd log at all (not recommended)

## 1: Critical

## 2: Error

## 3: Warning

## 4: Info

## 5: Debug

##

loglevel: 4

##

## rotation: Describe how to rotate logs. Either size and/or date can trigger

## log rotation. Setting count to N keeps N rotated logs. Setting count to 0

## does not disable rotation, it instead rotates the file and keeps no previous

## versions around. Setting size to X rotate log when it reaches X bytes.

## To disable rotation set the size to 0 and the date to ""

## Date syntax is taken from the syntax newsyslog uses in newsyslog.conf.

## Some examples:

## $D0 rotate every night at midnight

## $D23 rotate every day at 23:00 hr

## $W0D23 rotate every week on Sunday at 23:00 hr

## $W5D16 rotate every week on Friday at 16:00 hr

## $M1D0 rotate on the first day of every month at midnight

## $M5D6 rotate on every 5th day of the month at 6:00 hr

##

log\_rotate\_size: 10485760

log\_rotate\_date: ""

log\_rotate\_count: 1

##

## overload protection: If you want to limit the number of messages per second

## allowed from error\_logger, which is a good idea if you want to avoid a flood

## of messages when system is overloaded, you can set a limit.

## 100 is ejabberd's default.

log\_rate\_limit: 100

##

## watchdog\_admins: Only useful for developers: if an ejabberd process

## consumes a lot of memory, send live notifications to these XMPP

## accounts.

##

## watchdog\_admins:

## - "bob@example.com"

###. ===============

###' NODE PARAMETERS

##

## net\_ticktime: Specifies net\_kernel tick time in seconds. This options must have

## identical value on all nodes, and in most cases shouldn't be changed at all from

## default value.

##

## net\_ticktime: 60

###. ================

###' SERVED HOSTNAMES

##

## hosts: Domains served by ejabberd.

## You can define one or several, for example:

## hosts:

## - "example.net"

## - "example.com"

## - "example.org"

##

hosts:

- "localhost"

##

## route\_subdomains: Delegate subdomains to other XMPP servers.

## For example, if this ejabberd serves example.org and you want

## to allow communication with an XMPP server called im.example.org.

##

## route\_subdomains: s2s

###. ===============

###' LISTENING PORTS

##

## listen: The ports ejabberd will listen on, which service each is handled

## by and what options to start it with.

##

listen:

-

port: 5222

module: ejabberd\_c2s

##

## If TLS is compiled in and you installed a SSL

## certificate, specify the full path to the

## file and uncomment these lines:

##

## certfile: "/path/to/ssl.pem"

## starttls: true

##

## To enforce TLS encryption for client connections,

## use this instead of the "starttls" option:

##

## starttls\_required: true

##

## Custom OpenSSL options

##

## protocol\_options:

## - "no\_sslv3"

## - "no\_tlsv1"

stream\_management: true

resume\_timeout: 2

resend\_on\_timeout: true

max\_stanza\_size: 65536

shaper: c2s\_shaper

access: c2s

-

port: 5269

module: ejabberd\_s2s\_in

##

## ejabberd\_service: Interact with external components (transports, ...)

##

## -

## port: 8888

## module: ejabberd\_service

## access: all

## shaper\_rule: fast

## ip: "127.0.0.1"

## hosts:

## "icq.example.org":

## password: "secret"

## "sms.example.org":

## password: "secret"

##

## ejabberd\_stun: Handles STUN Binding requests

##

## -

## port: 3478

## transport: udp

## module: ejabberd\_stun

##

## To handle XML-RPC requests that provide admin credentials:

##

-

port: 4560

module: ejabberd\_xmlrpc

access\_commands: {}

# maxsessions: 10

# timeout: 5000

# access\_commands:

# configure:

# commands: all

# options: []

# commands\_admin\_access: configure

#access\_rules:

# configure:

# - allow: admin

-

port: 5280

module: ejabberd\_http

request\_handlers:

"/websocket": ejabberd\_http\_ws

## "/pub/archive": mod\_http\_fileserver

web\_admin: true

http\_bind: true

## register: true

captcha: true

###. ==================

###' S2S GLOBAL OPTIONS

##

## s2s\_use\_starttls: Enable STARTTLS + Dialback for S2S connections.

## Allowed values are: false optional required required\_trusted

## You must specify a certificate file.

##

## s2s\_use\_starttls: optional

##

## s2s\_certfile: Specify a certificate file.

##

## s2s\_certfile: "/path/to/ssl.pem"

## Custom OpenSSL options

##

## s2s\_protocol\_options:

## - "no\_sslv3"

## - "no\_tlsv1"

##

## domain\_certfile: Specify a different certificate for each served hostname.

##

## host\_config:

## "example.org":

## domain\_certfile: "/path/to/example\_org.pem"

## "example.com":

## domain\_certfile: "/path/to/example\_com.pem"

##

## S2S whitelist or blacklist

##

## Default s2s policy for undefined hosts.

##

## s2s\_access: s2s

##

## Outgoing S2S options

##

## Preferred address families (which to try first) and connect timeout

## in milliseconds.

##

## outgoing\_s2s\_families:

## - ipv4

## - ipv6

## outgoing\_s2s\_timeout: 10000

###. ==============

###' AUTHENTICATION

##

## auth\_method: Method used to authenticate the users.

## The default method is the internal.

## If you want to use a different method,

## comment this line and enable the correct ones.

##

auth\_method: internal

##

## Store the plain passwords or hashed for SCRAM:

## auth\_password\_format: plain

## auth\_password\_format: scram

##

## Define the FQDN if ejabberd doesn't detect it:

## fqdn: "server3.example.com"

##

## Authentication using external script

## Make sure the script is executable by ejabberd.

##

## auth\_method: external

## extauth\_program: "/path/to/authentication/script"

##

## Authentication using SQL

## Remember to setup a database in the next section.

##

## auth\_method: sql

##

## Authentication using PAM

##

## auth\_method: pam

## pam\_service: "pamservicename"

##

## Authentication using LDAP

##

## auth\_method: ldap

##

## List of LDAP servers:

## ldap\_servers:

## - "localhost"

##

## Encryption of connection to LDAP servers:

## ldap\_encrypt: none

## ldap\_encrypt: tls

##

## Port to connect to on LDAP servers:

## ldap\_port: 389

## ldap\_port: 636

##

## LDAP manager:

## ldap\_rootdn: "dc=example,dc=com"

##

## Password of LDAP manager:

## ldap\_password: "\*\*\*\*\*\*"

##

## Search base of LDAP directory:

## ldap\_base: "dc=example,dc=com"

##

## LDAP attribute that holds user ID:

## ldap\_uids:

## - "mail": "%u@mail.example.org"

##

## LDAP filter:

## ldap\_filter: "(objectClass=shadowAccount)"

##

## Anonymous login support:

## auth\_method: anonymous

## anonymous\_protocol: sasl\_anon | login\_anon | both

## allow\_multiple\_connections: true | false

##

## host\_config:

## "public.example.org":

## auth\_method: anonymous

## allow\_multiple\_connections: false

## anonymous\_protocol: sasl\_anon

##

## To use both anonymous and internal authentication:

##

## host\_config:

## "public.example.org":

## auth\_method:

## - internal

## - anonymous

###. ==============

###' DATABASE SETUP

## ejabberd by default uses the internal Mnesia database,

## so you do not necessarily need this section.

## This section provides configuration examples in case

## you want to use other database backends.

## Please consult the ejabberd Guide for details on database creation.

##

## MySQL server:

##

## sql\_type: mysql

## sql\_server: "server"

## sql\_database: "database"

## sql\_username: "username"

## sql\_password: "password"

##

## If you want to specify the port:

## sql\_port: 1234

##

## PostgreSQL server:

##

## sql\_type: pgsql

## sql\_server: "server"

## sql\_database: "database"

## sql\_username: "username"

## sql\_password: "password"

##

## If you want to specify the port:

## sql\_port: 1234

##

## If you use PostgreSQL, have a large database, and need a

## faster but inexact replacement for "select count(\*) from users"

##

## pgsql\_users\_number\_estimate: true

##

## SQLite:

##

## sql\_type: sqlite

## sql\_database: "/path/to/database.db"

##

## ODBC compatible or MSSQL server:

##

## sql\_type: odbc

## sql\_server: "DSN=ejabberd;UID=ejabberd;PWD=ejabberd"

##

## Number of connections to open to the database for each virtual host

##

## sql\_pool\_size: 10

##

## Interval to make a dummy SQL request to keep the connections to the

## database alive. Specify in seconds: for example 28800 means 8 hours

##

## sql\_keepalive\_interval: undefined

###. ===============

###' TRAFFIC SHAPERS

shaper:

##

## The "normal" shaper limits traffic speed to 1000 B/s

##

normal: 1000

##

## The "fast" shaper limits traffic speed to 50000 B/s

##

fast: 50000

##

## This option specifies the maximum number of elements in the queue

## of the FSM. Refer to the documentation for details.

##

max\_fsm\_queue: 1000

###. ====================

###' ACCESS CONTROL LISTS

acl:

##

## The 'admin' ACL grants administrative privileges to XMPP accounts.

## You can put here as many accounts as you want.

##

admin:

user:

- "admin@localhost"

## - "ermine@example.org"

##

## Blocked users

##

## blocked:

## user:

## - "baduser@example.org"

## - "test"

## Local users: don't modify this.

##

local:

user\_regexp: ""

##

## More examples of ACLs

##

## jabberorg:

## server:

## - "jabber.org"

## aleksey:

## user:

## - "aleksey@jabber.ru"

## test:

## user\_regexp: "^test"

## user\_glob: "test\*"

##

## Loopback network

##

loopback:

ip:

- "127.0.0.0/8"

##

## Bad XMPP servers

##

## bad\_servers:

## server:

## - "xmpp.zombie.org"

## - "xmpp.spam.com"

##

## Define specific ACLs in a virtual host.

##

## host\_config:

## "localhost":

## acl:

## admin:

## user:

## - "bob-local@localhost"

###. ============

###' SHAPER RULES

shaper\_rules:

## Maximum number of simultaneous sessions allowed for a single user:

max\_user\_sessions: 10

## Maximum number of offline messages that users can have:

max\_user\_offline\_messages:

- 5000: admin

- 100

## For C2S connections, all users except admins use the "normal" shaper

c2s\_shaper:

- none: admin

- normal

## All S2S connections use the "fast" shaper

s2s\_shaper: fast

###. ============

###' ACCESS RULES

access\_rules:

## This rule allows access only for local users:

local:

- allow: local

## Only non-blocked users can use c2s connections:

c2s:

- deny: blocked

- allow

## Only admins can send announcement messages:

announce:

- allow: admin

## Only admins can use the configuration interface:

configure:

- allow: admin

## Only accounts of the local ejabberd server can create rooms:

muc\_create:

- allow: local

## Only accounts on the local ejabberd server can create Pubsub nodes:

pubsub\_createnode:

- allow: local

## In-band registration allows registration of any possible username.

## To disable in-band registration, replace 'allow' with 'deny'.

register:

- allow

## Only allow to register from localhost

trusted\_network:

- allow: loopback

## Do not establish S2S connections with bad servers

## s2s:

## - deny:

## - ip: "XXX.XXX.XXX.XXX/32"

## - deny:

## - ip: "XXX.XXX.XXX.XXX/32"

## - allow

## By default the frequency of account registrations from the same IP

## is limited to 1 account every 10 minutes. To disable, specify: infinity

## registration\_timeout: 600

##

## Define specific Access Rules in a virtual host.

##

## host\_config:

## "localhost":

## access:

## c2s:

## - allow: admin

## - deny

## register:

## - deny

###. ================

###' DEFAULT LANGUAGE

##

## language: Default language used for server messages.

##

language: "en"

##

## Set a different default language in a virtual host.

##

## host\_config:

## "localhost":

## language: "ru"

###. =======

###' CAPTCHA

##

## Full path to a script that generates the image.

##

## captcha\_cmd: "/lib/ejabberd/priv/bin/captcha.sh"

##

## Host for the URL and port where ejabberd listens for CAPTCHA requests.

##

## captcha\_host: "example.org:5280"

##

## Limit CAPTCHA calls per minute for JID/IP to avoid DoS.

##

## captcha\_limit: 5

###. =======

###' MODULES

##

## Modules enabled in all ejabberd virtual hosts.

##

modules:

mod\_mam:

access\_max\_user\_messages: 0

default\_page\_size: 25

max\_page\_size: 100

request\_activates\_archiving: true

iqdisc: parallel

default: always

mod\_adhoc: {}

## mod\_admin\_extra: {}

mod\_announce: # recommends mod\_adhoc

access: announce

mod\_blocking: {} # requires mod\_privacy

mod\_caps: {}

mod\_carboncopy: {}

mod\_client\_state: {}

mod\_configure: {} # requires mod\_adhoc

mod\_disco: {}

## mod\_echo: {}

mod\_irc: {}

mod\_http\_bind: {}

## mod\_http\_fileserver:

## docroot: "/var/www"

## accesslog: "/var/log/ejabberd/access.log"

mod\_last: {}

mod\_muc:

## host: "conference.@HOST@"

access:

- allow

access\_admin:

- allow: admin

access\_create: muc\_create

access\_persistent: muc\_create

## mod\_muc\_log: {}

## mod\_multicast: {}

mod\_offline:

access\_max\_user\_messages: max\_user\_offline\_messages

mod\_ping: {}

## mod\_pres\_counter:

## count: 5

## interval: 60

mod\_privacy: {}

mod\_private: {}

## mod\_proxy65: {}

mod\_pubsub:

access\_createnode: pubsub\_createnode

## reduces resource comsumption, but XEP incompliant

ignore\_pep\_from\_offline: true

## XEP compliant, but increases resource comsumption

## ignore\_pep\_from\_offline: false

last\_item\_cache: false

plugins:

- "flat"

- "hometree"

- "pep" # pep requires mod\_caps

## mod\_register:

##

## Protect In-Band account registrations with CAPTCHA.

##

## captcha\_protected: true

##

## Set the minimum informational entropy for passwords.

##

## password\_strength: 32

##

## After successful registration, the user receives

## a message with this subject and body.

##

## welcome\_message:

## subject: "Welcome!"

## body: |-

## Hi.

## Welcome to this XMPP server.

##

## When a user registers, send a notification to

## these XMPP accounts.

##

## registration\_watchers:

## - "admin1@example.org"

##

## Only clients in the server machine can register accounts

##

## ip\_access: trusted\_network

##

## Local c2s or remote s2s users cannot register accounts

##

## access\_from: deny

## access: register

mod\_roster: {}

mod\_shared\_roster: {}

mod\_stats: {}

mod\_time: {}

mod\_vcard:

search: false

mod\_version: {}

mod\_ejabberd\_offline\_push: {}

##

## Enable modules with custom options in a specific virtual host

##

## host\_config:

## "localhost":

## modules:

## mod\_echo:

## host: "mirror.localhost"

##

## Enable modules management via ejabberdctl for installation and

## uninstallation of public/private contributed modules

## (enabled by default)

##

allow\_contrib\_modules: true

###.

###'

### Local Variables:

### mode: yaml

### End:

### vim: set filetype=yaml tabstop=8 foldmarker=###',###. foldmethod=marker: