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#!/bin/bash
#
#####
#
#   Name:          Dovecot_setup_script.sh
#   Author:        Chris Fedun 23/01/2017
#   Description:    Dovecot Setup Script
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#
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#####
#####Constants#####
conf_dir='/etc/dovecot/conf.d/'
Setup_dir='/root/initial_setup/mail/'
mailuser_passwd=$(cat $Setup_dir\email\mailuser_passwd.txt)
My_Cert="/etc/ssl/My_Certs/certs/mailserver.crt.pem"
My_Key="/etc/ssl/My_Certs/private/mailserver_key.pem"
domain_name=$1
#Setting up Dovecot

if [ ! -d "/var/vmail" ]; then
    mkdir /var/vmail
    groupadd -g 5000 vmail
    useradd -g vmail -u 5000 vmail -d /var/vmail -m
    chown -R vmail.vmail /var/vmail

else
    groupadd -g 5000 vmail
    useradd -g vmail -u 5000 vmail -d /var/vmail -m
    chown -R vmail.vmail /var/vmail
fi

sed -i 's/\#disable_plaintext_auth = yes/\#disable_plaintext_auth = yes\ndisable_plaintext_auth = yes/' $conf_dir\10-auth.conf
sed -i 's/auth_mechanisms = plain/auth_mechanisms = plain login/' $conf_dir\10-auth.conf

sed -i 's/\#!include auth-sql.conf.ext/\#!include auth-sql.conf.ext/' $conf_dir\10-auth.conf
sed -i 's/\#!include auth-system.conf.ext/\#!include auth-system.conf.ext/' $conf_dir\10-auth.conf

sed -i '
/userdb [{]/ {
    N
    / driver = sql/ {
        N
        / args = \/etc\/dovecot\/dovecot-sql.conf.ext/ {
            N
            /[]]/ {
                N
                s_userdb {\n driver = sql\n args =
                /etc/dovecot/dovecot-sql.conf.ext\n}_userdb {\n driver =
                static\n args = uid=vmail gid=vmail home=/var/vmail/%d/%n\n
                \# driver = sql\n \# args =
                /etc/dovecot/dovecot-sql.conf.ext\n}_
            }
        }
    }
}
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}
}' $conf_dir\auth-sql.conf.ext

sed -i 's-mail_location = mbox:~/mail:INBOX=/var/mail/%u-\#mail_location =
mbox:~/mail:INBOX=/var/mail/%u\nmail_location = maildir:/var/vmail/%d/%n/Maildir-' $conf_dir\10-
mail.conf

sed -i '
/ \# The default however depends on the underlying mail storage format./ {
    N
    s_ \# The default however depends on the underlying mail storage format.\n
    \#separator =_ \# The default however depends on the underlying mail storage
    format.\n \#separator =\n separator = /_
}' $conf_dir\10-mail.conf

sed -i '
/ \# Postfix smtp-auth/ {
    N
    / \#unix_listener \var\spool\postfix\private\auth [{}]/ {
        N
        / \# mode = 0666/ {
            N
            / \#[]/ {
                N
                s: \# Postfix smtp-auth\n \#unix_listener
                /var/spool/postfix/private/auth {\n \# mode = 0666\n \#}:
                \# Postfix smtp-auth\n unix_listener
                /var/spool/postfix/private/auth {\n mode = 0660\n user =
                postfix\n group = postfix\n }:
            }
        }
    }
}' $conf_dir\10-master.conf

sed -i 's/ssl = no/ssl = yes/' $conf_dir\10-ssl.conf
sed -i "
/\#ssl_key = <\etc\dovecot\private\dovecot.pem/ a\
ssl_cert = <$My_Cert\nssl_key = <$My_Key
" $conf_dir\10-ssl.conf

sed -i 's:namespace inbox {:namespace inbox {\n mailbox INBOX/Junk {\n auto = subscribe\n
special_use = \Junk\n }\n mailbox INBOX/Trash {\n auto = subscribe\n special_use =
\Trash\n }\n:' $conf_dir\15-mailboxes.conf

echo "driver = mysql" >> /etc/dovecot/dovecot-sql.conf.ext
echo "connect = host=127.0.0.1 dbname=mailserver user=mailuser password=$mailuser_passwd" >> /
etc/dovecot/dovecot-sql.conf.ext
echo "default_pass_scheme = SHA256-CRYPT" >> /etc/dovecot/dovecot-sql.conf.ext
echo "password_query = SELECT email as user, password FROM virtual_users WHERE email='%u';" >> /
etc/dovecot/dovecot-sql.conf.ext

chown root:root /etc/dovecot/dovecot-sql.conf.ext
chmod go= /etc/dovecot/dovecot-sql.conf.ext

# Make Dovecot listen to Postfix LMTP Connections
sed -i '
/service lmtp {/ {
    N
    / unix_listener lmtp {/ {
        N

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/      \#mode = 0666/ {
N
    /  }/ {
    N
        s:service lmtp {\n  unix_listener lmtp {\n      \#mode = 0666\n
        }:service lmtp {\n  unix_listener
        /var/spool/postfix/private/dovecot-lmtp {\n      group =
        postfix\n      mode = 0660\n      user = postfix\n  }:
    }
}

}' $conf_dir\10-master.conf

#Enable server-side mail rules
sed -i '
/  \#mail_plugins = \${mail_plugins} a\
  mail_plugins = \${mail_plugins} sieve
' $conf_dir\20-lmtp.conf

exit
##### END :) #####

```