**IRedmail Mail Server Configuration**

**Preparations**

**1)Set a fully qualified domain name (FQDN) hostname on your server**

Here you can enter command 'hostname -f' to view the current hostname,

$ hostname -f

mx.example.com

(like ip-10-0-0-27.off\*\*.org)

/etc/hosts: hostname <=> IP address mapping. Warning: List the FQDN hostname as first item.

# Part of file: /etc/hosts

54.\*\*.\*\*.235 ip-10-0-0-27.off\*\*.org ip-10-0-0-27 localhost

**2)Update apt repositories and install required packages**

Run 'apt-get update' to update your apt repository info

sudo apt-get update

Install package 'bzip2' so that you can uncompress iRedMail installer.

sudo apt-get install bzip2

**3)Download the latest release of iRedMail**

Get the latest release of iRedMail.

Upload iRedMail to your mail server via ftp or scp or whatever method you can use, login to the server to install iRedMail. I assume you uploaded it to directory **/root/iRedMail-x.y.z.tar.bz2** (replace x.y.z by the actual version number).

Uncompress iRedMail tarball:

# cd /root/

# tar xjf iRedMail-x.y.z.tar.bz2

**4)****Start iRedMail installer**

Now go the following directory path

# cd /root/iRedMail-x.y.z/

# bash iRedMail.sh

**A) A screen appear to your system showing with following line,**

Welcome and thanks for your use,

Selecct 'Yes' and press Enter key.

**B)Specify location to store all mailboxes. Default is /var/vmail/.**

Then press Enter key for next step.

**C)Choose backend used to store mail accounts.I choose MySQL here as backend database.**

Select 'MySql' and then press Enter key for next step

**D) Set password of MySQL root user. MySQL is used to store data of other applications, e.g. Roundcube webmail, Policyd, Amavisd-new. If you choose to store mail accounts in MySQL, you will see this dialog too.**

Then press Enter key for next step.

**E)Add your first mail domain name.it should be other than your FQDN server name,**

**F)Set password of admin account of your first mail domain. Note:**

* This account is used only for system administration, not a mail user. That means you **CANNOT** login to webmail with this account.
* You can login to iRedAdmin (web-based iRedMail admin panel) with this account for mail accont management, login name is full email address.
* Admin username is hard-coded, you can create new admins with iRedAdmin after installation completed.

**G)Set password of first mail user of your first mail domain. Note:**

* This account is a normal mail user, that means you can login to webmail with this account, login name is full email address.
* Username is hard-coded, you can create new mail users with iRedAdmin after installation completed.

**H)Choose optional components.Select the first option(DKIM),Then press Enter key to procced,**

After answered these questions, iRedMail installer will ask your confirm to start installation. It will install and configure required packages automatically. Type 'y' or 'Y' (without quotes) and press 'Enter' to confirm.

**4)****Important things you should know after installation**

Read file **/root/iRedMail-x.y.z/iRedMail.tips** first, it contains:

* + URLs, usernames and passwords of web-based applications
  + Location of mail serve related software configuration files
  + Some other important and/or sensitive information

**5)****Access webmail and other web applications**

After installation successfully completed, you can access web-based programs if you choose to install them. Replace 'your\_server' below by your actual server name or IP address.

|  |  |
| --- | --- |
| **Component** | **URL** |
| **Webmail** | https://www.off\*\*.org/mail/ |
| **iRedAdmin (admin panel)** | httpS://www.off\*\*.org/iredadmin/ |
| **phpMyAdmin** | httpS://www.off\*\*.org/phpmyadmin/ |
| **phpLDAPadmin** | httpS://www.off\*\*\*.org/phpldapadmin/ |
| **Awstats** | httpS://www.off\*\*.org/awstats/awstats.pl?config=web (or ?config=smtp) |

**6)Edit the /etc/postfix/main.cf file to chnage the line mynetworks = 127.0.0.0/8 to mynetworks = 54.\*.\*.235**

otherwise smtp server will not work for outside server.

**7)For Outlook configuration,**

incoming mail server  **ip-10-0-0-27.off\*\*.org** port **995**  mode **SSL**

outgoing mail server  **ip-10-0-0-27.off\*\*.org**  port **587**  mode **TLS**

**8)Go to GoDaddy Panel,**

create **CNAME,** **pop** for incoming mailserver & **smtp** for outgoing server.then ishould be like this,

incoming mail server  **pop.off\*\*.org** port **995**  mode **SSL**

outgoing mail server  **smtp.off\*\*.org**  port **587**  mode **TLS**

**Integration of iRedMail server with Postfixadmin**

# 1)Add missing SQL tables in database 'vmail'

CREATE TABLE IF NOT EXISTS log (

TIMESTAMP DATETIME NOT NULL DEFAULT '0000-00-00 00:00:00',

username VARCHAR(255) NOT NULL DEFAULT '',

domain VARCHAR(255) NOT NULL DEFAULT '',

action VARCHAR(255) NOT NULL DEFAULT '',

data VARCHAR(255) NOT NULL DEFAULT '',

KEY TIMESTAMP (TIMESTAMP)

) ENGINE=MyISAM;

CREATE TABLE IF NOT EXISTS vacation (

email VARCHAR(255) NOT NULL DEFAULT '',

subject VARCHAR(255) NOT NULL DEFAULT '',

body TEXT NOT NULL,

cache TEXT NOT NULL,

domain VARCHAR(255) NOT NULL DEFAULT '',

created DATETIME NOT NULL DEFAULT '0000-00-00 00:00:00',

modified DATETIME NOT NULL DEFAULT '0000-00-00 00:00:00',

active TINYINT(4) NOT NULL DEFAULT '1',

PRIMARY KEY (email),

KEY email (email)

) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8\_general\_ci;

CREATE TABLE IF NOT EXISTS vacation\_notification (

on\_vacation VARCHAR(255) NOT NULL,

notified VARCHAR(255) NOT NULL,

notified\_at TIMESTAMP NOT NULL DEFAULT now(),

CONSTRAINT vacation\_notification\_pkey PRIMARY KEY(on\_vacation, notified),

FOREIGN KEY (on\_vacation) REFERENCES vacation(email) ON DELETE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8 COLLATE=utf8\_general\_ci;

**2)Add the following column in admin table in vmail database.**

ALTER TABLE `vmail`.`admin` ADD COLUMN `superadmin` TINYINT(1) NOT NULL AFTER `active` ;

# 3)Download and uncompress PostfixAdmin

download PostfixAdmin from official site,Uncompress PostfixAdmin to Apache server root and set correct file permission.

# tar zxf /root/postfixadmin-2.3.2.tar.gz -C /usr/share/apache2/ # <- Uncomress source tarball.

# cd /usr/share/apache2/

# ln -s postfixadmin-2.3.2 postfixadmin # <- Create a symbol link.

# chown -R root:root postfixadmin # <- Set correct owner and permission.

# chmod -R 777 postfixadmin

# cd postfixadmin

# mv setup.php setup.php.save

# echo '' > motd.txt

# echo '' > motd-users.txt

**4)****Configure PostfixAdmin**

PostfixAdmin will read custom settings from config file **"config.local.php"** by default, it's great for upgrading in the futher. So we will create it under postfixadmin directory.

**NOTE:**:

* You can find password of MySQL user **"vmailadmin"** in iRedMail installation directory, e.g. /root/iRedMail-0.7.0/iRedMail.tips.

**<?php**

*// Basic configuration.*

$CONF['configured'] = **true**;

$CONF['postfix\_admin\_url'] = "/postfixadmin";

$CONF['default\_language'] = "en";

$CONF['database\_type'] = "mysqli";

$CONF['database\_host'] = "localhost";

$CONF['database\_user'] = "vmailadmin";

$CONF['database\_password'] = "PASSWORD"; *# <- REPLACE THIS PASSWORD.*

$CONF['database\_name'] = "vmail";

$CONF['smtp\_server'] = "54.\*.\*.235";

$CONF['domain\_path'] = "YES";

$CONF['domain\_in\_mailbox'] = "NO";

$CONF['quota'] = "YES";

$CONF['quota\_multiplier'] = 1;

$CONF['transport'] = "YES";

$CONF['transport\_options'] = array ('dovecot', 'virtual', 'local', 'relay');

$CONF['transport\_default'] = "dovecot";

*// Enable alias domain.*

$CONF['alias\_domain'] = 'YES';

*// Disable features we don't have.*

$CONF['backup'] = "NO";

$CONF['fetchmail'] = "NO";

$CONF['sendmail'] = "NO";

$CONF['show\_footer\_text'] = "NO";

$CONF['emailcheck\_resolve\_domain'] = "NO";

*// Disable PostfixAdmin style vacation. We use managesieve service instead.*

$CONF['vacation\_control'] = "NO";

$CONF['vacation\_control\_admin'] = "NO";

$CONF['admin\_email'] = "admin@only\*\*.in";

$CONF['database\_tables'] = array (

'admin' => 'admin',

'alias' => 'alias',

'alias\_domain' => 'alias\_domain',

'config' => 'config',

'domain' => 'domain',

'domain\_admins' => 'domain\_admins',

'fetchmail' => 'fetchmail',

'log' => 'log',

'mailbox' => 'mailbox',

'vacation' => 'vacation',

'vacation\_notification' => 'vacation\_notification',

'quota' => 'used\_quota',

'quota2' => 'mailbox',

);

**?>**

Finally postfixadmin expects the admin details to be in the vmail -> admin table but iredmail stores the details of the first admin only in the mailbox table.  
You can either create a new admin in the iredadmin web app or manually create the entries in the admin table (username , password will do copied from mailbox table)

**5)****Configure Apache web server**

On Debian/Ubuntu, we need to create a new file **"/etc/apache2/conf.d/postfixadmin.conf"**, and modify **"/etc/apache2/sites-enabled/default-ssl"** (Add one line):

vi /etc/apache2/sites-available**/postfixadmin.conf**

<Directory "/usr/share/apache2/postfixadmin/">

Options -Indexes

</Directory>

vi /etc/apache2/sites-available/default-ssl.conf

# Add below lines before </VirtualHost>

Alias /postfixadmin "/usr/share/apache2/postfixadmin/"

6)Restart Apache web server to make it work

# /etc/init.d/apache2 restart

# /etc/init.d/postfix restart

**6)Use following Url to access web Ui**

<https://example.com/postfixadmin>

NOTE:We are Using iRedMail-0.8.7 and postfixadmin-2.91.