

vmmail 2.2

vmfree.org

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1 Features

- Archive mails
- Share folders
- Share calendars
- Encrypt mails with PGP
- Connect to Clients

2 Install vmmail

Install Ubuntu 20.04 LTS Server on your server. Configure a network connection. For the installation you need an internet connection.

Before you install vmmail, you need:

- a mail address at a provider.
- the POP3 server name from your provider.
- the STMP server name from your provider.

For the following installation steps I use as an example these parameters:

- mail address: vera.gemini@gmx.net
- password: secret!1234
- POP3 server: pop.gmx.net
- SMTP server: mail.gmx.net

2.2 Run installation

- 1. Download vmmail: wget
 http://www.vmfree.org/vmmail/downloads/vmmail.tar.gz
- 2. Unpack the file: tar xvfzp vmmail.tar.gz
- 3. Start installation: sudo vmmail/install.sh

Enter the domain name:

Installation ummail Domain name gmx.net
Cancel>

Enter **SMTP** server:

Installation ummail Relayhost (SMTP server) mail.gmx.net

Enter POP3 server:

Installation ummail POP3 server pop.gmx.net
<pre>Cancel></pre>

Enter mail adress for SMTP authentication:

Installation ummail Mail address SMTP
Vera.gemini@gmx.net_ < OK > < OK >

Enter password to mail address for STMP authentication:

Installation ummail Mail password SMTP secret!1234

Postfix configuration: Choose "Internet with smarthost":

No configuration Should be chosed Internet site: Mail is sent and Internet with sm Mail is received as fetchmail. Of Satellite system All mail is sen Local only: The only delived General type of ma	: n to leave the cu arthost: d directly using utgoing mail is s t to another mack red mail is the m ail configuration	rrent configura Iy using SMTP. SMTP or by runn ent using a sma nine, called a ' ail for local u	tion unchanged. ing a utility such rthost. smarthost', for del: sers. There is no ne	ivery. etwork.
	No confi Internet <mark>Internet</mark> Satellit Local or	guration Site with smarthost e system Ny	•	

Postfix configuration: System mail name. Press <enter>. The install process change the system name.

Package configuration	
Postf The "mail name" is the domain name used name. This includes mail to and from <ro from root@example.org unless root@exampl This name will also be used by other pro domain name (FQDN).</ro 	ix Configuration to "qualify" _ALL_ mail addresses without a domain ot>: please do not make your machine send out mail e.org has told you to. grams. It should be the single, fully qualified
Thus, if a mail address on the local hos option would be example.org. System mail name: ubuntu	t is foolexample.org, the correct value for this

Postfix configuration: SMTP relay host. Press <enter>. The install process change the relay host.

Please specify a domain, host, h [destination] to turn off MX loc Do not specify more than one hos The relayhost parameter specifie in the optional transport(5) tab the destination. SMTP relay host (blank for nome) smtp.localdomain	Postfix Configuration ost:port, [address] or [address]:port. Use the form kups. Leave this blank for no relay host. t. s the default host to send mail to when no entry is matched le. When no relay host is given, mail is routed directly to :
<0k>	<cancel></cancel>

Roundcube configuration: Choose <Yes>:

Package configuration				
	- Configuring roundcube-core			
The roundcube package must have a database installed and configured before it can be used. This can be optionally handled with dbconfig-common. If you are an advanced database administrator and know that you want to perform this configuration manually, or if your database has already been installed and configured, you should refuse this option. Details on what needs to be done should most likely be provided in /usr/share/doc/roundcube.				
Otherwise, you should probably	choose this option.			
Configure database for roundcu	be with dbconfig-common?			
<pre>KYes</pre>	Σ	<no></no>		

Roundcube configuration: Enter a password for the database:

rackage configuration	
Please provide a password for round a random password will be generated MySQL application password for roun	Infiguring roundcube-core Icube to register with the database server. If left blank, I. Indcube:
<0k>	<cancel></cancel>

Roundcube configuration: Repeat the input of the database password:

iucube comiguiation. Repea		•
Package configuration		-
	Configuring roundcube-core	
Į	<ok> <cance1></cance1></ok>	

After these entries vmmail will be installed. After the installation, reboot the server: shutdown -r now After booting, vmmail is available.

3 Configure vmmail

To explain the configuration, I use the mail adresses vera.gemini@gmx.net.

Add new user

To add a new user, use the command madduser on a shell.

The parameters for the madduser command are:

- -u <User name>
- -p <User password for roundcube>
- -e <Mail address without domain>
- -i <Password for local IMAP connection with a Mail client>
- -a <Password for the archive user>

Note:

- Do not forget the simple apostrophe for the passwords.
- Structure password: The password must have a length of 10 characters, with a capital letter, a number and a special character.

Example:

```
sudo madduser -u vera -p 'Secret.123' -e vera.gemini -o 'secret!1234' -i
'Secret.123' -a 'Secret.123'
```

The output is:

- ** vera **
- * create user
- * set password
- * create IMAP user
- * set password IMAP
- * change group
- * create archive user
- * set password archiv
- * change groud
- * add /etc/fetchmailrc
- * add /etc/postix/bcc_maps
- * add /etc/aliases
- * change /etc/passwd

4 Configure Roundcube

Roundcube is a free software for webmail.

For more information, read here: <u>https://github.com/roundcube/roundcubemail/wiki/Online-Help</u>

Start a browser und enter these address: https://<IP address from your vmmail server>/roundcube After this input this display appears:

← → ♂ ŵ	🛈 🐔 https://192.168.0.41/roundcube/	♥ ☆	lii\ ⊡ =
	roundcube 🍣		
	Licername vera		
	Usernane vera		
	Password		
	Login		
	N		
	Roundcube Webmail		

Enter the Username and Password. In our example the user name is "vera" an the password is "Secret.123".

If you log in first, you will receive a security request for the certificate:



Press the button "Advanced":



Press the button "Accept the Risk and Continue". The reason is that vmmail uses a custom certificate.

After accepting the certificate, this screen appears:



Press "Settings" at the top right of the screen and then "Identities" in the left section menu:

About		vera@127.0.0.1 ULc
roundcube	1	🖂 Mail 👤 Contacts 📰 Calendar 🌞 Setting
	•	
Settings	Identities	Edit identity
Preferences	vera <vera@127.0.0.1></vera@127.0.0.1>	Settings
Folders		Display Name
L Identities		Email vera@122.0.0.1
Responses		
Y Filters		Organization
eel Password		Reply-To
PGP Keys		Bcc
		Set default
		Signature
		Signature
		HTML signature
		Encryption
		This sender identity doesn't yet have a PGP private key stored in your keyring.
	+ 1	Save

Enter the Display name and the Email address and press "Save".

In our example the Display name is "Vera Gemini" an the Email address is "vera.gemini@gmx.net"

Choose other parameters in the "Settings" menu:

Settings	Section			
Preferences	User Interface			
Folders	Mailbox View			
L Identities	Displaying Messages			
Responses	Composing Messages			
Y Filters	1 Contacts			
eel Password	Special Folders			
PGP Keys	Server Settings			
	Encryption		\bigcirc	
	Calendar			
		11		

4.1 Share folders

Roundcube allows one user to access multiple mail accounts.

To access another email account, proceed as follows.

- 1. Select Identities under Settings.
- 2. Click +
- 3. Enter the name and email address of the email account you want to access under Edit Identity.
- 4. Click on Enabled for Plugin ident_switch and enter these parameters:

Label:desired nameServer host name:localhostPort:143Username:Name of the desired email accountPassword:Password of the desired email accountFolder hierarchy delimiter:.

5. For "SMTP" enter these parameters:

Server host name:	localhost
Port:	25
Authorization:	As IMAP

6. The connection is established by pressing the "Save" button.

About							gmx.net 🕛 Logout
roundcube 🍣				🔀 Mail	L Contacts	Calendar	Settings 🔺
Settings	Identities	Edit identity					
Preferences	vera <vera.gemini@gmx.net></vera.gemini@gmx.net>						
Folders		Plugin ident_switch					
L Identities		Enabled					
Responses		Label	arnold.layne@gmx.net				
Y Filters							
Password		IMAP					
PGP Keys		Server host name	localhost				
		Port	143				
		Secure connection (TLS)					
		Username	arnold				
		Password					
		Folder hierarchy delimiter					
		SMTP					
		Server host name	localhost				
		Port	587				
		Authorization	As IMAP 🗸				
	+ 🖹	Save					

In the email overview there is then a combo box to select the user or their folder:



4.2 Calendar

A calendar has been added in roundcube:

About																		ver	a@127.0.0.1	🛈 Logout
round	dcub	e 🧲												\times	Mail	Cont	acts 🔝	Calen	iar 🄅	Settings 🔺
21 New event	Print	Impo	rt I	Export		21 Day	III Week	 Month	Agenda		01 – 07 Mar	2021		<			Q Searc	ch		8
•	March	÷	2021	÷	•		Mo	n 03-01		Tue 03-02	Wed 03-03	Thu 03	-04	Fri 0	3-05		Sat 03-06		Sun 03-0	7
Wk Mor	n Tue V	Ved Tł	iu Fr	i Sat	Sun	all-day														
9	1 2	3	4	5 6	7	06:00														
10 8	8 9	10	11 1	.2 13	14	07:00														
11 15	5 16	17	18 1	.9 20	21															
12 22	2 23	24 2	1 2	2 2	28	08:00														
	8 30	51	*	2 3	-4	09:00														
						10:00														
Calenda	ars				Q,	11:00														
Defau	ult					12:00														— II
						13:00														
						•														
						14:00														
						15:00														
						16:00														
						17:00														— II
						18:00														
						10.00														
						19:00														
						20:00														
	-					21:00														*
+	\$																			

4.2.1 Share calendar

You can also create calendars that can be used by multiple users. To do this, create a new calendar for each user (with "+" in the calendar plugin). The name of the calendar must be unique. The calendar must then be shared with the users. This is done in the terminal of the server with the command msharecalendar.

Procedure:

- 1. Create a calendar with the same name for all users who should share a calendar.
- 2. Execute this command in the terminal for each user:

sudo msharecalendar -e '<email address>' -c <calendar name> -a
<email address> is the email address of the user who should also have access to this
calendar. For the email address, use the name from "Email" under "Settings" / "Identities".
<calendar name> is the name of the calendar to be shared.

msharecalendar has these parameters:

- -e <email address>
- -c <calendar name the user is allowed to access>
- -a add calendar to user
- -d Remove calendar from user

Example:

For the user "vera" we create a calendar with the name "Holidays". Then, for the users "arnold" and "bob", we also create a calendar with the name "Holidays".

So that both users can access this calendar, we must give the users "arnold" (email address arnold@gmx.net) and "bob" (email address bob@gmx.net) the right to access the calendar of "vera". For this we enter in the terminal

sudo msharecalendar -e 'arnold@gmx.net' -c Holidays -a sudo msharecalendar -e 'bob@gmx.net' -c Holidays -a

Note: For the user "vera" we don't need to run msharecalendar because "vera" is the owner of the calendar (for "vera" we created the calendar first).

4.3 Encrypt emails with PGP

In roundcube the plugin enigma is installed to encrypt emails. You can manage keys via "Settings" and "PGP Keys":

About									cnet 🕛 Logout
roundcube 🍣					🔀 Mail	L Cont	tacts 🛄 (Calendar	Settings
Search Import Export							Q Search		8
Settings	PGP Keys H 🔸 🕨 H	vera <vera.gemini@gmx.n< th=""><th>iet></th><th></th><th></th><th></th><th></th><th></th><th></th></vera.gemini@gmx.n<>	iet>						
Preferences	vera <vera.gemini@gmx.net></vera.gemini@gmx.net>	Basic Information							
Folders		User ID	vera <vera.gemini@gmx.net></vera.gemini@gmx.net>	>					
L Identities		Key ID	3C7E71D4						
Responses		Key type	key pair						
Y Filters		Fingerprint	B4D3 C923 F250 0A74 B5C4	5BAF 227C 1	F83 3C7E 71D	14			
eel Password		Subkeys							
PGP Keys		ID	Algorithm	Created		Expires		Usage	
		3C7E71D4	RSA (2048)	2021-03-06		never		Sign,Certify	
		D1E80474	RSA (2048)	2021-03-06		never		Encrypt	
		Additional Users							
		ID			Valid				
		vera <vera.gemini@gmx.ne< th=""><th>Þ</th><th></th><th>valid</th><th></th><th></th><th></th><th></th></vera.gemini@gmx.ne<>	Þ		valid				
	+ 🎸 - Keys 1 to 1 of 1								

With "+" a new key can be created.

4.4 Customize roundcube

The file /etc/roundcube/config.inc.php is the default configuration file for roundcube. See here for more information:

https://docs.kolab.org/administrator-guide/roundcube-settings-reference.html

```
Here is an example how to secure roundcube. Add this line at the end of /etc/roundcube/config.inc.php:
```

```
$config['product_name'] = 'vmmail';
$config['default_charset'] = 'UTF-8';
$rcmail_config['dont_override'][] = 'default_charset';
$rcmail_config['identities_level'] = 4;
$rcmail_config['dont_override'][] = 'skin';
$config['mail_pagesize'] = 50;
```

```
$config['addressbook_pagesize'] = 50;
$rcmail_config['prefer_html'] = true;
$rcmail_config['dont_override'][] = 'prefer_html';
$config['show_images'] = 0;
$config['show_images'] = 0;
$rcmail_config['dont_override'][] = 'show_images';
$config['htmleditor'] = 4;
$rcmail_config['dont_override'][] = 'htmleditor';
$config['prettydate'] = false;
sconig[ prectydate ] = ratse;
$rcmail_config['dont_override'][] = 'prettydate';
$config['draft_autosave'] = 60;
$rcmail_config['dont_override'][] = 'draft_autosave';
$rcmail_config['preview_pane'] = true;
//$rcmail_config['dont_override'][] = 'preview_pane';
$ccmail_config['dont_override'][] = 'preview_pane';
,
$rcmail_config['inline_images'] = false;
$rcmail_config['dont_override'][] = 'inline_images';
$rcmail_config['check_all_folders'] = false;
$rcmail_config['dont_override'][] = 'check_all_folders';
// Country specific adjustments
$config['timezone'] = 'Europe/Berlin';
$rcmail_config['dont_override'][] = 'timezone';
$config['language'] = 'de_DE'
$rcmail_config['dont_override'][] = 'language';
$rcmail_config['locale_string'] = 'de-DE';
$rcmail_config['dont_override'][] = 'locale_string';
$config['message_extwin'] = true;
$config['compose_extwin'] = true;
$config['compose_extwin'] = true;
$config['reply_mode'] = 1;
$rcmail_config['dont_override'][] = 'reply_mode';
$config['show_sig'] = 1;
$config['show_sig'] = 1;
$rcmail_config['dont_override'][] = 'show_sig';
$config['sig_separator'] = false;
$rcmail_config['dont_override'][] = 'sig_separator';
$config['dsn_default'] = 0;
$rcmail_config['dont_override'][] = 'dsn_default';
$config['mdn_default'] = 0;
$rcmail_config['dont_override'][] = 'mdn_default';
$config['mdn_requests'] = 2;
$rcmail_config['dont_override'][] = 'mdn_requests';
$config['display_product_info'] = 0;
$config['date_format'] = 'Y-m-d';
$rcmail_config['dont_override'][] = 'date_format';
$config['time_format'] = 'H:i'
$rcmail_config['dont_override'][] = 'time_format';
$config['min_refresh_interval'] = 60;
$rcmail_config['dont_override'][] = 'min_refresh_interval';
$config['forward_attachment'] = false;
$rcmail_config['dont_override'][] = 'forward_attachment';
$config['default_font'] = 'Verdana';
$config['default_font_] = 'Verdana';
$rcmail_config['dont_override'][] = 'default_font';
$config['default_font_size'] = '10pt';
$rcmail_config['dont_override'][] = 'default_font_size';
$config['message_show_email'] = true;
$rcmail_config['dont_override'][] = 'message_show_email';
$config['seply_all_mode'] = 0;
$config['reply_all_mode'] = 0;
$rcmail_config['dont_override'][] = 'reply_all_mode';
$config['reply_same_folder'] = false;
$rcmail_config['dont_override'][] = 'reply_same_folder';
$config['enable_spellcheck'] = true;
$rcmail_config['dont_override'][] = 'enable_spellcheck';
$config['refresh_interval'] = 60;
$rcmail_config['dont_override'][] = 'refresh_interval';
```

```
$config['standard_windows'] = true;
$rcmail_config['dont_override'][] = 'standard_windows';
$config['mail_read_time'] = 0;
$rcmail_config['dont_override'][] = 'mail_read_time';
$config['mime_param_folding'] = 1;
$config[ mime_param_folding ] = 1;
$rcmail_config['dont_override'][] = 'mime_param_folding';
$config['display_next'] = true;
$rcmail_config['dont_override'][] = 'display_next';
$config['default_list_mode'] = 'list';
$config['default_list_mode'] = 0;
$rcmail_config['dont_override'][] = 'autoexpand_threads';
$config['strip_existing_sig'] = false;
$rcmail_config['dont_override'][] = 'strip_existing_sig';
$config['sig_below'] = false;
$rcmail_config['dont_override'][] = 'sig_below';
$config['read_when_deleted'] = true;
$rcmail_config['dont_override'][] = 'read_when_deleted';
$config['force 7bit'] = false;
$config['compose save localstorage'] = true;
$rcmail_config['dont_override'][] = 'compose_save_localstorage';
$config['show_real_foldernames'] = false;
$rcmail_config['dont_override'][] = 'show_real_foldernames';
$config['drafts_mbox'] = 'Drafts';
$rcmail_config['dont_override'][] = 'drafts_mbox';
$config['junk_mbox'] = 'Spam'
$rcmail_config['dont_override'][] = 'junk_mbox';
$config['sent_mbox'] = 'Sent';
$config['sent_mbox'] = 'Sent';
$rcmail_config['dont_override'][] = 'sent_mbox';
$config['trash_mbox'] = 'Trash';
$rcmail_config['dont_override'][] = 'trash_mbox';
$config['archive_mbox'] = 'Archives';
$rcmail_config['dont_override'][] = 'archive_mbox';
$config['create_default_folders'] = true;
$rcmail_config['dont_override'][] = 'create_default_folders';
$config['brotect_default_folders'] = true;
$config['protect_default_folders'] = true;
$rcmail_config['dont_override'][] = 'protect_default_folders';
$config['logout_purge'] = false;
$rcmail_config['dont_override'][] = 'logout_purge';
```

5 Connect a mail client to vmmail

In this example, I'll show you how to connect thunderbird to vmmail and imap.

- 1. Start Thunderbird and choose in the Menu "Edit" "Account settings" and in the dialog chose "Add mail account".
- Enter your mail address and password. In our example the mail adresse is "vera.gemini@gmx.net". The password is the IMAP password from the command madduser (parameter -i):

🛅 Home						
🐺 Get Messages 👻 🧪 Write	Chat 🙎 Address	Book 🔊 Tag 🤊	✓ ♥ Quick Filter	Q Search <ctrl+k< th=""><th>></th><th>≡</th></ctrl+k<>	>	≡
	Thunderbi	rd				
	Accounts					
	🙈 Set up an a	a	Set Up an Existing Er	nail Account - 고 ×		
	🖂 Email 🖉	Your <u>n</u> ame:	Vera Gemini	Your name, as shown to others		
		<u>E</u> mail address:	vera.gemini@gmx.net	Your existing email address		
		<u>P</u> assword:	•••••			
			Remember password			
		Get a new en	nail address	Cancel Continue		
			•			
Done						

Press the button "Continue" and then press the button "Manual config".

3. To connect to vmmail, complete the entries:

4		Set	t Up an Exis	ting Er	mail	Account		- ø ×	
Your <u>n</u> ame:	Vera Gemi	ni	Your name, a	as showr	n to o	thers			
Email address:	vera.gemir	ni@gmx.net	Your existing	ı email a	addre	55			
– Password:									
	Remembe	er password							
		The following	settings were	found b	y prol	bing the given serv	/er		
		Server hostname	2	Port	,	SSL	Authentication		
Incoming:	IMAP 🗸	192.168.0.41		143	•	STARTTLS	Normal password	~	
Outgoing:	SMTP	192.168.0.41		587	•	STARTTLS	Normal password	~	
Username:	Incoming:	imap_vera				Outgoing:	imap_vera		
Advanced co	onfig					Ca	ncel Re- <u>t</u> est	Done	
			1	•					

Enter Server hostname. In our example the vmmail server has the IP address 192.168.0.41.

For incoming connection choose IMAP, Port 143, authentication type STARTLS with "Normal password".

For outgoing connection choose SMTP, Port 587, authentication type STARTLS with "Normal password".

This means that the communication between thunderbird and vmmail takes place encrypted. The Username for incoming and outgoing connection is "imap_vera". Press "Done" to establish the connection.

4. After setting up the connection, thunderbird notes that the certificate is not public, because the certificate is own signed:

🖵 Get Messages 🗸 🎤 Write 🗳 Ch	nat 🙎 Address Book 🛛 🛇 Tag 🗸 🖓 Quick Filter	Q Search <ctrl+k></ctrl+k>	≡
Control Contro	Address Book O Tag V Quick Filter Add Security Exception Prover Location: 192.168.0.41:143 ertificate Status This site attempts to identify itself with invalid information. Wrong Site The certificate belongs to a different site, which could mean that Unknown Identity The certificate is not trusted because it hasn't been verified as is Permanently store this exception Confirm Security Exception	Q Search <ctrl+k> seption - • • × te. Get Certificate View t someone is trying to impersonate this site. ssued by a trusted authority using a secure signature. Cancel</ctrl+k>	=

Mail for imap_vera@192.168.0.41: Checking mail server capabilities... Press "Confirm Security Execption".

6 Backup Server

You can create a second mail server. This is then a backup server in case the mail server fails. For this purpose the mails and the roundcube data are copied periodically to the spare server. There are several scripts for this in the folder /mailserver/util:

roundcube-export.sh

This script creates a dump of the database for roundcube. This script is executed on the mail server.

roundcube-import.sh

This script imports a dump of the roundcube database. This script is executed on the backup server.

crontab_mailserver

Crontab file that can be used for backup mails.

6.1 Config backup server

- 1. Create a second mail server with vmmail.
- 2. Name the server mailbackup.
- 3. Important: Turn off fetchmail: systemctl disable fetchmail
- 4. Create the users that you also have on the mail server.
- 5. Add the following to the /etc/hosts file: <IP address mailserver> mailserver

6.2 Set up backup on the mail server

The replication of dovecot is used to synchronize the mails. The user vmail is used for replication. This was already created during the installation. See /mailserver/replication.sh and /etc/dovecot/conf.d/17-replication.conf.

- 1. Add to the /etc/hosts file:
 - <IP address mailbackup server> mailbackup
- 2. Activate the crontab: sudo /mailserver/crontab_mailserver

Now the mails and the roundcube data will be copied periodically to the backup server.

6.2.1 Check replication

You can use the command

sudo doveadm replicator dsync-status '*' to get an overview of what replication is currently dealing with.

You can use the command

sudo doveadm replicator status '*' to display the current state of the system and how many entries are currently waiting to be processed in the replication queue.

Mit

6.3 Archive mails

By default, emails are copied to an archive directory on the mail server.

With the command madduser a new user is created. After that there are two new user: username and archiv_username.

All inbound and outbound mails store copies in user archiv_username. You can access the archived mails by logging into roundcube with the username "archiv_<username>" and the password that you created with madduser and the parameter -a.

In our example, you can login in roundcube with the Username "archiv_vera" and the password "Secret.123".

7 Web configuration

vmmail can be configured with a browser. Note: texts with a green background are displayed. These show you which entries are allowed or which changes are made to the system.

7.1 Login

Enter in the browser: *https://<name or IP of the mail server>/login* Enter "admin" as user name and "admin" as password.

Login	mailserve
admin	
•••••	
Login	

After successful login, all email users will be displayed.

Now you can register a new user (button "New user") or change a user. To do this, click on the desired user name.

Mailserver

User SMTP POP Domain Restart Log Calendar Settings Logou

Manage user

User name	UID	Mail address	Enabled
arnold	1002	arnold.layne@gmx.net	
vera	1001	vera.gemini@gmx.net	\checkmark

New User

7.2 Create new user

Enter the necessary information. The user name may only contain lower case letters or numbers. If you want the user to have a specific User ID, fill in the UID field. The email address must be entered without the domain.

To save, click the Save button.

Mailserver

11	OUTD	DOD	Damaia	Destart	1	Osland	Oction	Lanat
User	SMIP	POP	Domain	Restart	Lõg	Calèndar	Settings	Logout
New	user							
Passwo	rd [.] 10 char	ractors In	ng 1 unner	case 1 low	ercase	1 digit 1 sng	cial characte	r
1 43500			ng, i uppen	cuse, 110W	crouse,	r digit, r spe	cial characte	
User nar	ne							
buck								
UID								
User pas	sword							
zmBoC	.oTF2021							
Email ad	dress (with	nout dom	ain)					
buck.d	narma							
POP3 pa	ssword							
xmBao	C.!TF202							
IMAP pa	ssword							
kmoW0	1.=34							
Archiv pa	assword							
uUzA!1	34abc#							
Save								
Save								

7.3 Change user

You can change the email address and passwords of a user here.

7.4 Change SMTP

SMTP is used to send emails to the email server. You can change here the SMTP server of your provider as well as the email address and the password for the SMTP access.

Mailserver

User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout
Edit S	MTP							
change: /etc/posi /etc/posi	tfix/sasl_pa tfix/main.cl	asswd f: relayho	st					
after edi	t: restart p	ostfix						
SMTP se	erver							
smtp.g	mx.net							
Mail add	ress							
info@g	mx.net							
Passwor	d							
DftRe1	976!							
Save								

7.5 Change POP3 Server

Here you can change the POP3 server. The POP3 server is needed to fetch emails from the provider.

Mail	serve	er						
User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout
Edit F	POP3							
change:	/etc/fetchr	nailrc						
POP3 se	erver							
pop.gm	nx.net							
Save								

7.6 Domain

The domain name can be changed here.



7.7 Restart

Here the services Postfix and Fetchmail can be started or stopped. The current state is displayed to the left of the buttons.

The results of starting or stopping a service are displayed in the lower text area.

You can also shut down the system here ("Shutdown system" button) or restart it ("Restart system" button). To do this, the login password must be entered beforehand.

Mailserver

User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout		
Start/	Stop F	Proces	S							
Postfix a	ctive	Stop Po:	stfix	Start Postfix						
Fetchma	il failed	Stop Fet	chmail	Start Fetchr	nail					
Restart s Passwor	system	Shutdown art/shutc	system down							
System res	sult messag	e								
								ļi.		

7.8 Log

Click on the "Mail" or "Fetchmail" button to see the current log files of these services. The last 1000 lines of these log files are displayed.

Mailserver

And Fetchmal Sep 18 15:12:31 server postfix[34122]: Postfix is running with backwards-compatible default settings Sep 18 15:12:31 server postfix[34122]: See http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:31 server postfix[34122]: Codisable backwards compatible up postconf compatibility_level-2* and "postfix reload" Sep 18 15:12:31 server postfix[34122]: See http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:31 server postfix[34123]: Sopping the Postfix mail system Sep 18 15:12:31 server postfix[34123]: See http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:31 server postfix[34123]: Soe http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:31 server postfix[34123]: See http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:32 server postfix[34123]: storing the Postfix mail system Sep 18 15:12:32 server postfix[34123]: storing the Postfix mail system Sep 18 15:12:32 server postfix[34123]: storing the Postfix mail system Sep 18 15:12:32 server postfix[34123]: storing the Postfix mail system Sep 18 15:12:32 server postfix[34123]: storing the backwards compatibility use "postconf compatibility_level-2" and "postfix reload" Sep 18 15:12:32 server postfix[34123]: storing the backwards compatibility use "postconf compatibility_level-2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[3412]: statring the Postfix mail system <t< th=""><th>User</th><th>SMTP</th><th>POP</th><th>Domain</th><th>Restart</th><th>Log</th><th>Calendar</th><th>Settings</th><th>Logout</th></t<>	User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout
Mail Fetchmail Sep 18 15:12:31 server postfix[34122]: Postfix is running with backwards-compatible default settings	.og f	iles							
<pre>Mail Sep 18 15:12:31 server postfix[34122]: Postfix is running with backwards-compatible default settings Sep 18 15:12:31 server postfix[34122]: Ee http://www.postfix.org/COMPATIBLITY_README.html for details Sep 18 15:12:31 server postfix[34122]: terminating on signal 15 Sep 18 15:12:31 server postfix[34139]: For the set of the set of</pre>									
<pre>Sep 18 15:12:31 server postfix[34122]: Postfix is running with backwards-compatible default settings (Sep 18 15:12:31 server postfix[34122]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" (Sep 18 15:12:31 server postfix[34123]: terminating on signal 15 (Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings (Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings (Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings (Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatibility_level=2" and "postfix reload" (Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" (Sep 18 15:12:32 server postfix/nostfix-script[34256]: warning: symlink leaves directory: /etc/postfix/./makedefs.out (Sep 18 15:12:32 server postfix/nostfix-script[34256]: warning: symlink leaves directory: /etc/postfix (Sep 18 15:12:32 server postfix/nostfix-script[34256]: deamon started version 3.4.13, configuration /etc/postfix (Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) (Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings (Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details (Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postorf compatibility_level=2" and "postfix reload" (Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postorf compatibility_level=2" and "postfix reload" (Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postorf compatibility_level=2" and "postfix reload" (Sep 18 15:13:08 mailserver postfix[792]: To disable backwards compatibility use "postfix mail system (Sep 1</pre>	Mail		Fetc	hmail					
<pre>Sep 18 15:12:31 server postfix[34122]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:31 server postfix/master[10012]: terminating on signal 15 Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings Sep 18 15:12:31 server postfix[34193]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:32 server postfix[3426]: warning: symlink leaves directory: //tc/postfix/./makedefs.out Sep 18 15:12:32 server postfix/mostfix-script[3426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900cla) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver dovecot: master: Dovecot v2.3.16 (7e2e900cla) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: Fostfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: Fostfix is running with backwards-compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:08 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: //tc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	ep 18 15 Sep 18 1	:12:31 serv 5:12:31 ser	er postfix ver postfi	:[34122]: Post x[34122]: See	fix is runnir http://www.r	ng with b	ackwards-compat rg/COMPATIBILII	tible default : TY README.html	settings for details
<pre>Sep 18 15:12:31 server postfix/postfix-script[34128]: stopping the Postfix mail system Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings Sep 18 15:12:31 server postfix[34193]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:31 server postfix/postfix-script[34256]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:12:32 server postfix/postfix-script[34256]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server postfix/postfix-script[34242]: starting the Postfix mail system Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/.makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/.makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/postfix-script[1073]: daemon started version 3.4.13, configuration /etc/postfi</pre>	Sep 18 1	5:12:31 ser	ver postfi	x[34122]: To	disable backw	vards com	patibility use	"postconf com	patibility_level=2" and "postfix reload"
<pre>Sep 18 15:12:31 server postfix[34193]: Postfix is running with backwards-compatible default settings Sep 18 15:12:31 server postfix[34193]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:32 server postfix/postfix-script[34256]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:12:32 server postfix/postfix-script[34242]: starting the Postfix mail system Sep 18 15:12:32 server postfix/master[34426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/postfix-script[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	Sep 18 1 Sep 18 1	5:12:31 ser 5:12:31 ser	ver postfi ver postfi	<pre>x/postfix-scr x/master[1001]</pre>	ipt[34128]: s 21: terminati	stopping ing on si	the Postfix mai gnal 15	il system	
<pre>Sep 18 15:12:31 server postfix[34193]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:12:31 server postfix[34193]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:12:32 server postfix/postfix-script[34256]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:12:32 server postfix/master[34426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards.compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/.makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/.makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	Sep 18 1	5:12:31 ser	ver postfi	x[34193]: Pos	tfix is runni	ing with	backwards-compa	atible default	settings
Sep 18 15:12:32 server postfix/jostfix-script[3425]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:12:32 server postfix/master[34426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:12:32 server postfix/[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix/[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1	5:12:31 ser	ver postfi	x[34193]: See	http://www.p	ostfix.o	rg/COMPATIBILI	TY_README.html	for details
Sep 18 15:12:32 server postfix/postfix-script[34424]: starting the Postfix mail system Sep 18 15:12:32 server postfix/master[34426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:08 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1	5:12:31 ser 5:12:32 ser	ver postfi ver postfi	x[34193]: 10 (x/postfix-scr	disable backv ipt[34256]: v	vards com varning:	symlink leaves	<pre>"postcont comp directory: /e"</pre>	patibility_level=2" and "postfix reload" tc/postfix/./makedefs.out
<pre>Sep 18 15:12:32 server postfix/master[34426]: daemon started version 3.4.13, configuration /etc/postfix Sep 18 15:12:32 server dovecot: master: Dovecot v2.3.16 (7e2e900c1a) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: To stifix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatible default settings Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	Sep 18 1	5:12:32 ser	ver postfi	x/postfix-scr	ipt[34424]: s	tarting	the Postfix mai	il system	
<pre>Sep 18 15:13:06 mailserver dovecot: master: Dovecot v2.3.16 (/222900cla) starting up for imap, sieve, sieve (core dumps disabled) Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:06 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	Sep 18 1	5:12:32 ser	ver postfi	x/master[3442	6]: daemon st	arted	version 3.4.1	3, configurati	on /etc/postfix
Sep 18 15:13:06 mailserver postfix[792]: Postfix is running with backwards-compatible default settings Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:07 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1 Sep 18 1	5:12:32 ser 5:13:06 mai	lserver doveco	vecot: master: Do	: Dovecot v2.3.10	3.16 (7e2e90	2e900c1a) starting	ting up for imap, s	ap, sieve, sieve (core dumps disabled)
Sep 18 15:13:06 mailserver postfix[792]: See http://www.postfix.org/COMPATIBILITY_README.html for details Sep 18 15:13:06 mailserver postfix[792]: To disable backwards compatibility use "postconf compatibility_level=2" and "postfix reload" Sep 18 15:13:07 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1	5:13:06 mai	lserver po	stfix[792]: P	ostfix is rur	ning wit	h backwards-com	mpatible defau	lt settings
<pre>sep 18 15:13:00 mailserver postfix[/92]: 10 disable backwards compatibility use "postcont compatibility_level=2" and "postfix reload" 5ep 18 15:13:07 mailserver postfix/postfix-script[876]: warning: symlink leaves directory: /etc/postfix/./makedefs.out 5ep 18 15:13:08 mailserver postfix/master[1073]: starting the Postfix mail system 5ep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix</pre>	Sep 18 1	5:13:06 mai	lserver po	stfix[792]: S	ee http://www	.postfix	.org/COMPATIBI	LITY_README.ht	ml for details
Sep 18 15:13:08 mailserver postfix/postfix-script[1071]: starting the Postfix mail system Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1	5:13:06 mai 5:13:07 mai	lserver po lserver po	stfix[/92]: n stfix/postfix	o disable bad -script[876]:	warning	symlink leave	se "postcont co es directory:	ompatibility_level=2" and "postfix reload" /etc/postfix/./makedefs.out
Sep 18 15:13:08 mailserver postfix/master[1073]: daemon started version 3.4.13, configuration /etc/postfix	Sep 18 1	5:13:08 mai	lserver po	stfix/postfix	-script[1071]	: starti	ng the Postfix	mail system	
	Sep 18 1	5:13:08 mai	lserver po	stfix/master[1073]: daemor	n started	version 3.4	4.13, configura	ation /etc/postfix
									h.

7.9 Share calendar

Roundcube has a calendar. A calendar can normally only be managed by one user. With "Share calendar" you can make a calendar available to multiple users. All users who own a calendar are displayed in the table. The default calendar is not displayed. If the same entry appears more than once in the "ID" column, a calendar is used by several users.

In the "Calendar name" and "Mail address" fields, enter the name of the calendar and the user who is to share a calendar.

You can also remove an email address from a calendar. For this purpose the "Remove mail address from calendar" checkbox must be active.

Mail	serve	er									
User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout			
Share	calend	dar									
First: Cre	eate a cale	ndar in ro	oundcube fo	or all users v	vho sho	ould share thi	s calendar				
		Mail ad	Idress				Calendar n	ame		ID	
vera@gr	nx.net				ho	liday			2		
arnold@	gmx.net				ho	liday			4	Ļ	
Calendar holiday	name										
Mail addr	225										
Remove Save	mx.net	ss from c	calendar								

7.10 Settings

You can change the login name and password here. The changes are written to the file /mailserver/mailadmin.ini.

Mailserver

User	SMTP	POP	Domain	Restart	Log	Calendar	Settings	Logout
Settin	igs							
Login na	me							
	ine							
Passwor	d							
Save								

8 Inside vmmail

vmmail uses standard components:

- postfix (to end mails)
- dovecot (IMAP server)
- roundcube (Webmail)
- fetchmail (get mails)
- imapsync (copies emails from one server to the other)

8.1 Start and stop services

```
Postfix:service stop/start/restart postfixDovecot:service stop/start/restart dovecotFetchmail:service stop/start/restart fetchmailApache:service stop/start/restart apache2Show Status:systemctl status <service>
```

8.2 Create another certificate

The communication between roundcube and the browser is encrypted ssl. vmmail comes with own signed certificate. The certificates are in the folder /mailserver/cert. To create another certificate, you can use the script /mailserver/util/certificate.sh

8.3 Archive

With the command madduser a new user is created. After that there are two new user: username and archiv_username.

All inbound and outbound mails store copies in user archiv_username. You can access the archived mails by logging into roundcube with the username "archiv_<username>" and the password that you created with madduser and the parameter -a.

In our example, you can login in roundcube with the Username "archiv_vera" and the password "Secret.123".

To archive mails, the file /etc/postfix/bcc_maps must be present in postfix. The structure of the file is: <mail address> <archive mail adress>

Example: vera.gemini@gmx.net archiv_vera@gmx.net

The file /etc/postfix/bcc_maps is automatically supplemented when creating a user with the command madduser.

If you change this file, you must then execute the command postmap /etc/postfix/bcc_maps.

8.4 Repair mailbox index

To repair an mailbox use the command: doveadm -v index -u <Username> <Mailbox> Example: Repair the inbox from user vera: doveadm -v index -u vera INBOX

8.5 Place of the Mails

The emails are stored in the home directory of a user . The folder is called Maildir. A file is created per email.

8.6 Get mails

Emails are picked up by fetchmail from the provider. The configuration file is called /etc/fetchmailrc. Structure of the file /etc/fetchmailrc to pick up emails for a user:

user <email> there with password <password> ssl is <username> Example: user vera.gemini@gmx.net there with password 'secret!1234' ssl is vera Get all files of the email address vera.gemini@gmx.net from the provider with ssl encryption and password secret!1234 and send them to the user vera.

8.7 Change the pickup times

fetchmail picks up the mails from the provider. Edit the configuration file /etc/fetchmailrc and change the entry "set daemon 600". 600 means that the mails are picked up every 600 seconds. Restart fetchmail: service fetchmail restart

8.8 Important files

/var/log/mail.log: Log files from postfix
/var/log/fetchmail.log: Log files from fetchmail
/mailserver/mailadmin.ini: Login name and Password for Web administration
/mailserver/cert: Certificates

9 Configuration

These changes have been made to customize vmmail. The following actions are automatically performed during the installation.

9.1 New user

```
Changes in file /etc/skel:

maildirname.dovecot /etc/skel

maildirname.dovecot /etc/skel/Maildir/.Drafts

maildirname.dovecot /etc/skel/Maildir/.Sent

maildirname.dovecot /etc/skel/Maildir/.Spam

maildirname.dovecot /etc/skel/Maildir/.Trash

maildirname.dovecot /etc/skel/Maildir/.Templates
```

9.2 Postfix

Extensions in file /etc/postfix:

```
These changes are for user authentication or come from a privileged network:
      smtpd_recipient_restrictions = permit_sasl_authenticated permit_mynetworks
      reject unauth destination
      smtpd helo required = yes
      smtpd_helo_restrictions = permit_mynetworks permit_sasl_authenticated
      reject_invalid_helo_hostname reject_non_fqdn_helo_hostname
      reject_unknown_helo_hostname
Store mails in directory Maildir:
      home_mailbox = Maildir
Dovecot sends emails:
      mailbox_command = /usr/lib/dovecot/dovecot-lda -f "$SENDER" -a
"$RECIPIENT"
Activate SASL:
      smtpd_sasl_type = dovecot
      smtpd_sasl_path = private/auth
      smtpd sasl auth enable = yes
Ativate port 587 for sending mails with TLS encryption:
      submission inet n
                                                                 smtpd
        -o syslog_name=postfix/submission
        -o smtpd_tls_security_level=encrypt
        -o smtpd_sasl_auth_enable=yes
        -o smtpd_reject_unlisted_recipient=no
        -o smtpd_client_restrictions=$mua_client_restrictions
        -o smtpd_helo_restrictions=$mua_helo_restrictions
        -o smtpd_sender_restrictions=$mua_sender_restrictions
```

```
-o smtpd_recipient_restrictions=
```

```
-o smtpd_relay_restrictions=permit_sasl_authenticated,reject
```

```
-o milter_macro_daemon_name=ORIGINATING
```

9.3 Dovecot

```
Changes in file /etc/dovecot/conf.d/10-mail.conf:
      mail_location = maildir:~/Maildir
Activate SASL. Edit file /etc/dovecot.conf.d/10-master.conf:
      service auth {
        unix_listener /var/spool/postfix/private/auth {
          mode = 0660
          user = postfix
          group = postfix
        }
Disable plaintext authentication. Edit /etc/dovecot/conf.d/10-auth.conf:
      disable_plaintext_auth = no
Use only TLS communication. Edit file /etc/dovecot.conf.d/10-master.conf:
      service imap-login {
        inet_listener imaps {
          port = 993
          ssl = yes
        }
      }
Activate sieve for filter mails. Edit /etc/dovecot/conf.d/20-managesieve.conf:
      protocols = $protocols sieve
      service managesieve-login {
        inet_listener sieve {
          port = 4190
        }
Path for sieve. Edit /etc/dovecot/conf.d/90-sieve.conf:
      sieve = ~/.dovecot.sieve
       sieve_global_path = /var/lib/dovecot/sieve/default.sieve
       sieve_dir = ~/sieve
       sieve_global_dir = /var/lib/dovecot/sieve/
Mail plugin for sieve. Edit /etc/dovecot/cond.f/15-lda.conf:
      protocol lda {
        # Space separated list of plugins to load (default is global
mail_plugins).
        mail_plugins = $mail_plugins sieve
      }
Edit /etc/dovecot/dovecot.conf:
      managesieve_notify_capability = mailto
```

managesieve_sieve_capability = fileinto reject envelope encodec-character vacation subaddress comparator-i;ascii-numeric relational regex imap4flags copy include variables body enotify environment mailbox date

9.4 Roundcube

```
Only localhost is the roundcube server. Edit /etc/roundcube/config.inc.php:
    $config['default_host'] = '127.0.0.1';
```

```
Activate plugins. Edit /etc/roundcube/config.inc.php:
    $config['plugins'] = array(
        'archive',
        'zipdownload',
        'managesieve',
        'password',
        'newmail_notifier',
);
```

9.5 Apache

Apache is a web server and is needed for roundcube.

```
Activate SSL. Edit /etc/apache2/sites-available/default-ssl.conf:
SSLCertificateFile /mailserver/cert/cert.pem
SSLCertificateKeyFile /mailserver/cert/key.pem
```

Activate SSL modul: a2enmod ssl a2ensite default-ssl.conf systemctl restart apache2