

Instalação e Configuração do iRedMail

Recomendações:

- Servidor recém instalado somente o SO e atualizado
- 2GB de RAM
- Que os UID/GID 2000, 2001, 2002 não estejam sendo usados

Inicialmente precisamos de:

- nome do domínio
- hostname
- DNS reverso (basta renomear a droplet com o nome do domínio, ex: ribafs.org). No DigitalOcean é automaticamente configurado pelo hostname

Ajuste do Hostname

IP – 139.59.40.28

Hostname - mx.ribafs.tk

```
sudo nano /etc/hostname  
mx
```

```
sudo nano /etc/hosts
```

Mudar a linha com 127.0.0.1 para:
127.0.0.1 mx.ribafs.tk mx localhost localhost.localdomain


```
sudo reboot
```

```
hostname -f
```

```
mx.ribafs.tk
```

Configurar DNS para o iredmail

```
mail  
mail.ribafs.tk. 1800 A 139.59.40.28
```

HOSTNAME	WILL DIRECT TO	TTL (SECONDS)	
<input type="text" value="Enter @ or hostname"/> mail	 mail.ribafs.org NYC3 / 159.65.163.142	<input type="text" value="Enter TTL"/> 3600	Create Record
mail.ribafs.org			

```
@  
ribafs.tk. 0 mx mail.ribafs.tk
```

HOSTNAME	MAIL PROVIDERS MAIL SERVER	PRIORITY	TTL (SECONDS)	
<input type="text" value="Enter @ or hostname"/> @	<input type="text" value="e.g. aspmx.l.google.com"/> mail.ribafs.org	<input type="text" value="e.g. 10"/> 0	<input type="text" value="Enter TTL"/> 14400	Create Record
ribafs.org				

TXT - @
ribafs.tk. 3600 IN TXT "v=spf1 ip4:159.65.163.142 -all"

VALUE

Paste TXT string here
"v=spf1 ip4:159.65.163.142 -all"

HOSTNAME

Enter @ or hostname
@|

TTL (SECONDS)

Enter TTL
3600

Create Record

ribafs.org

Registrar domínio dos e-mails no Google Tools

<https://postmaster.google.com/managedomains?pli=1>

Adicionar o seguinte registro TXT no DNS para o Google

google-site-verification=JBXL56VlGwDxR0W14tytXGUxD4_srpmnHDpEktPC4hc

VALUE

Paste TXT string here
google-site-verification=JBXL56VlGwDxR0W14tytXGUxD4_srpmnHDpEktPC4hc

HOSTNAME

Enter @ or hostname
mail|

TTL (SECONDS)

Enter TTL
3600

Create Record

mail.ribafs.org

Como o TXT demorou para verificar, criei um CNAME

CNAME records act as an alias by mapping a hostname to another hostname.

HOSTNAME

Enter hostname
mkgqi47vd5ur.ribafs.org

IS AN ALIAS OF

Enter @ or hostname
gv-kshmpis6izwszb.dv.google|

TTL (SECONDS)

Enter TTL
43200

Create Record

mkgqi47vd5ur.ribafs.org.ribafs.org

Depois de adicionar vá ao site acima e clique em Verificar.

O arquivo iRedMail.tips também traz o conteúdo para a criação do registro DKIM no DNS. Veja

```
; key#1 1024 bits, i=dkim, d=ribafs.org, /var/lib/dkim/ribafs.org.pem
dkim._domainkey.ribafs.org. 3600 TXT (
  "v=DKIM1; p="
  "MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDvz6EUyYUL1PiG8Y8F3F5z4xd9"
  "l3NvB8sXze+lRYSH24+iHgJ37GaFJS4+4WbNmLw7CDZy89vtFFfS6oiCj6mtNLmq"
  "G4efU32SlwuiyRijjzVP9BTJEledD8hZ5z6VpXKSL6rw8a3byqiaIDQ4HYynRIF"
  "sMFTQCS39GQMbcabkwIDAQAB")
```

Criei assim:

Type	Hostname	Value	TTL (seconds)
TXT	dkim._domainkey.ribafs.org	<div>Will return "v=DKIM1; p=" "MIGfMA0GCSqGSib3DQEBA QUAA4GNADCBiQKBgQDvz6EUyYUL1PiG8Y 8F3F5z4xd9" "I3NvB8sXze+IRYsH24+iHgJ37</div>	<div>Enter TTL 3600</div>

Após criar os registros talvez precise esperar que sejam propagados pelo DNS.

Instalação

Criar uma droplet

Acessar e criar um usuário para acesso via ssh

Acessar, atualizar o sistema e reiniciar

Acessar e

```
sudo su
```

```
cd /root
```

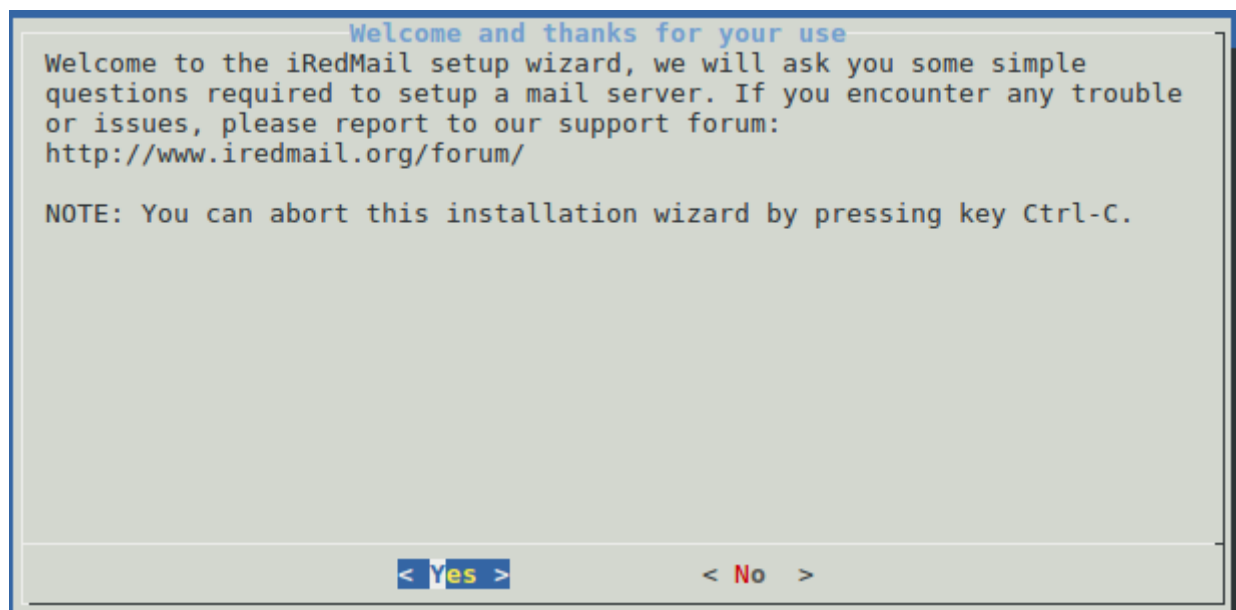
```
wget https://bitbucket.org/zhb/iredmail/downloads/iRedMail-0.9.7.tar.bz2
```

```
tar xjf iRedMail-0.9.7.tar.bz2
```

```
cd iRedMail-0.9.7
```

```
bash iRedMail.sh
```

Após o comando de instalação



Apenas teclar Enter para aceitar o Yes

Então aparece

Default mail storage path

Please specify a directory (in lowercase) used to store user mailboxes.
Default is: /var/vmail

NOTES:

- * Depends on the mail traffic, it may take large disk space.
- * Maildir path will be converted to lowercases, so please create this directory in lowcases.
- * It cannot be /var/mail (used to store mails sent to system accounts).
- * Mailboxes will be stored under its sub-directory: /var/vmail/vmail1/
- * Daily backup of SQL/LDAP databases will be stored under another sub-directory: /var/vmail/backup.

/var/vmail

< Next >

Aceitamos o default e Enter

Escolhemos Apache e enter

Preferred web server

Choose a web server you want to run.

TIP: Use SPACE key to select item.

()	Nginx	The fastest web server
(*)	Apache	The most popular web server
()	No web server	I don't need any web applications on this server

< Next >

Escolhemos MySQL e teclamos enter

Digitar uma senha para administrar o mysql e teclar enter

Password for MySQL administrator: root

Please specify password for MySQL administrator root on server 127.0.0.1.

WARNING:

- * Do ***NOT*** use double quote (") in password.
- * EMPTY password is ***NOT*** permitted.
- * Sample password: 3SpQYvVprMnwzrSw0RYMTCNoyq60FN

< Next >

Entrar com o domínio e teclar enter

Your first mail domain name

Please specify your first mail domain name.

EXAMPLE:

- * example.com

WARNING:

It can ***NOT*** be the same as server hostname: mx.ribafs.tk.

We need Postfix to accept emails sent to system accounts (e.g. root), if your mail domain is same as server hostname, Postfix won't accept any email sent to this mail domain.

ribafs.tk

< Next >

Entrar uma senha para o administrador do domínio do e-mail e enter

Password for the mail domain administrator
Please specify password for the mail domain administrator:

* postmaster@ribafs.tk

You can login to webmail and iRedAdmin with this account.

WARNING:

- * Do ***NOT*** use special characters (like \$, #, @, white space) in password.
- * EMPTY password is ***NOT*** permitted.
- * Sample password: px9z6yIVc6m5rb3dNxkNCZ6FV5905G

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Selecionar os componentes a serem instalados e enter

Optional components

- * DKIM signing/verification and SPF validation are enabled by default.
- * DNS records for SPF and DKIM are required after installation.

Refer to below file for more detail after installation:

- * /root/iRedMail-0.9.7/iRedMail.tips

[*] Roundcubemail	Popular webmail built with PHP and AJAX
[*] SOGo	Webmail, Calendar, Address book
[*] Awstats	Advanced web and mail log analyzer
[*] iRedAdmin	Official web-based Admin Panel
[*] Fail2ban	Ban IP with too many password failures

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Está dizendo que o arquivo guardará as senhas. Recomenda que seja protegido.
Teclar y e enter

```
*****  
***** WARNING *****  
*****  
* Below file contains sensitive information (username/password), please *  
* do remember to *MOVE* it to a safe place after installation. *  
* * /root/iRedMail-0.9.7/config *  
*****  
***** Review your settings *****  
*****  
* Storage base directory: /var/vmail  
* Mailboxes:  
* Daily backup of SQL/LDAP databases:  
* Store mail accounts in: MySQL  
* Web server: Apache  
* First mail domain name: ribafs.tk  
* Mail domain admin: postmaster@ribafs.tk  
* Additional components: Roundcubemail SGO Awstats iRedAdmin Fail2ban  
< Question > Continue? [y|N]
```

Aguarde a instalação.

Após terminar a instalação

sudo reboot

Agora precisamos ver o arquivo

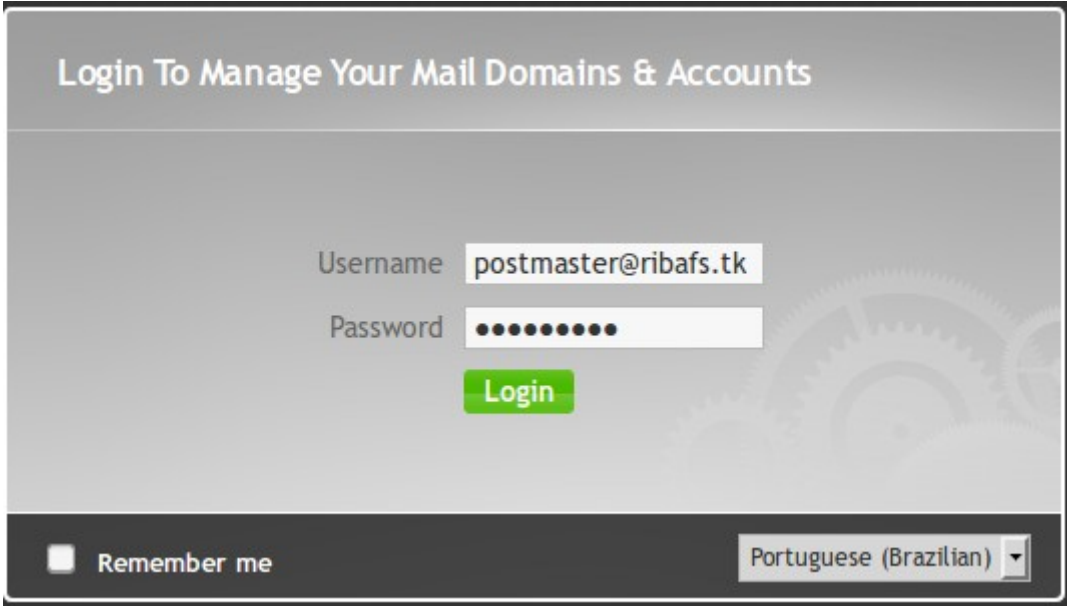
less /root/iRedMail.tips

Então, como o domínio ainda não propagou vou usar o IP

Acessar a página de administração, para criação de e-mails, admin e domínio

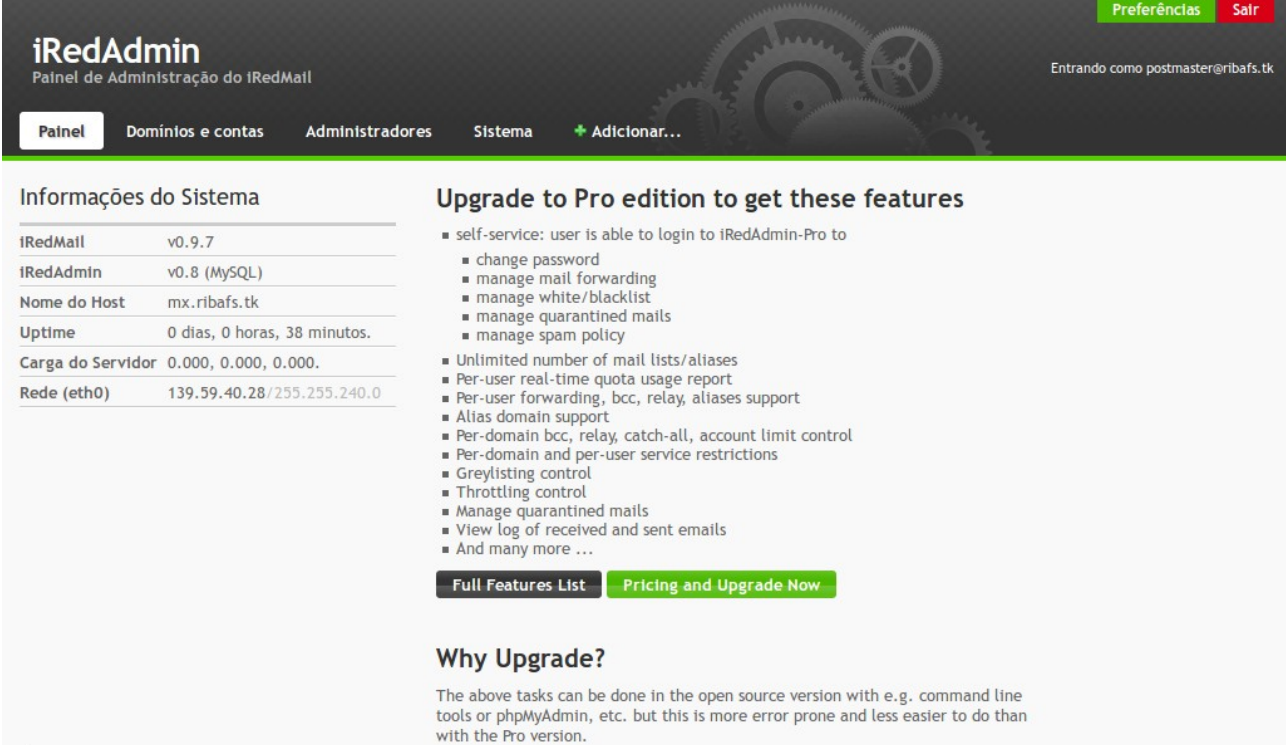
<https://139.59.40.28/iredadmin/>

Entrar com e-mail e senha



The login screen has a light gray background with a faint gear pattern. The title 'Login To Manage Your Mail Domains & Accounts' is at the top. Below it are input fields for 'Username' (containing 'postmaster@ribafs.tk') and 'Password' (masked with dots). A green 'Login' button is centered below the password field. At the bottom, there is a 'Remember me' checkbox and a language dropdown menu set to 'Portuguese (Brazilian)'.

Agora veja por dentro



The dashboard has a dark header with the 'iRedAdmin' logo and 'Painel de Administração do iRedMail'. On the right, there are links for 'Preferências' and 'Sair', and a status message 'Entrando como postmaster@ribafs.tk'. A navigation bar contains 'Painel', 'Domínios e contas', 'Administradores', 'Sistema', and '+ Adicionar...'. The main content area is divided into two columns. The left column, 'Informações do Sistema', contains a table with system details. The right column features an 'Upgrade to Pro edition' section with a list of features and two buttons: 'Full Features List' and 'Pricing and Upgrade Now'. Below this is a 'Why Upgrade?' section with explanatory text.

Informações do Sistema	
iRedMail	v0.9.7
iRedAdmin	v0.8 (MySQL)
Nome do Host	mx.ribafs.tk
Uptime	0 dias, 0 horas, 38 minutos.
Carga do Servidor	0.000, 0.000, 0.000.
Rede (eth0)	139.59.40.28/255.255.240.0

Upgrade to Pro edition to get these features

- self-service: user is able to login to iRedAdmin-Pro to
 - change password
 - manage mail forwarding
 - manage white/blacklist
 - manage quarantined mails
 - manage spam policy
- Unlimited number of mail lists/aliases
- Per-user real-time quota usage report
- Per-user forwarding, bcc, relay, aliases support
- Alias domain support
- Per-domain bcc, relay, catch-all, account limit control
- Per-domain and per-user service restrictions
- Greylisting control
- Throttling control
- Manage quarantined mails
- View log of received and sent emails
- And many more ...

[Full Features List](#) [Pricing and Upgrade Now](#)

Why Upgrade?

The above tasks can be done in the open source version with e.g. command line tools or phpMyAdmin, etc. but this is more error prone and less easier to do than with the Pro version.

Criei um usuário comum com e-mail e enviei um e-mail para o administrador. Ele recebeu, mas enviei um para o g-mail e não chegou. Imagino que seja por conta de que o domínio ainda não propagou.

Acessar o webmail Roundcube

Também com o mesmo e-mail e senha do administrador, pois ainda não criamos nenhum usuário comum.

<https://139.59.40.28/mail>



Criar o e-mail
abuse@ribafs.tk

As ferramentas de teste do DNS o procuram.

Checar se servidor de e-mail está funcionando

`nslookup -q=mx ribafs.tk`