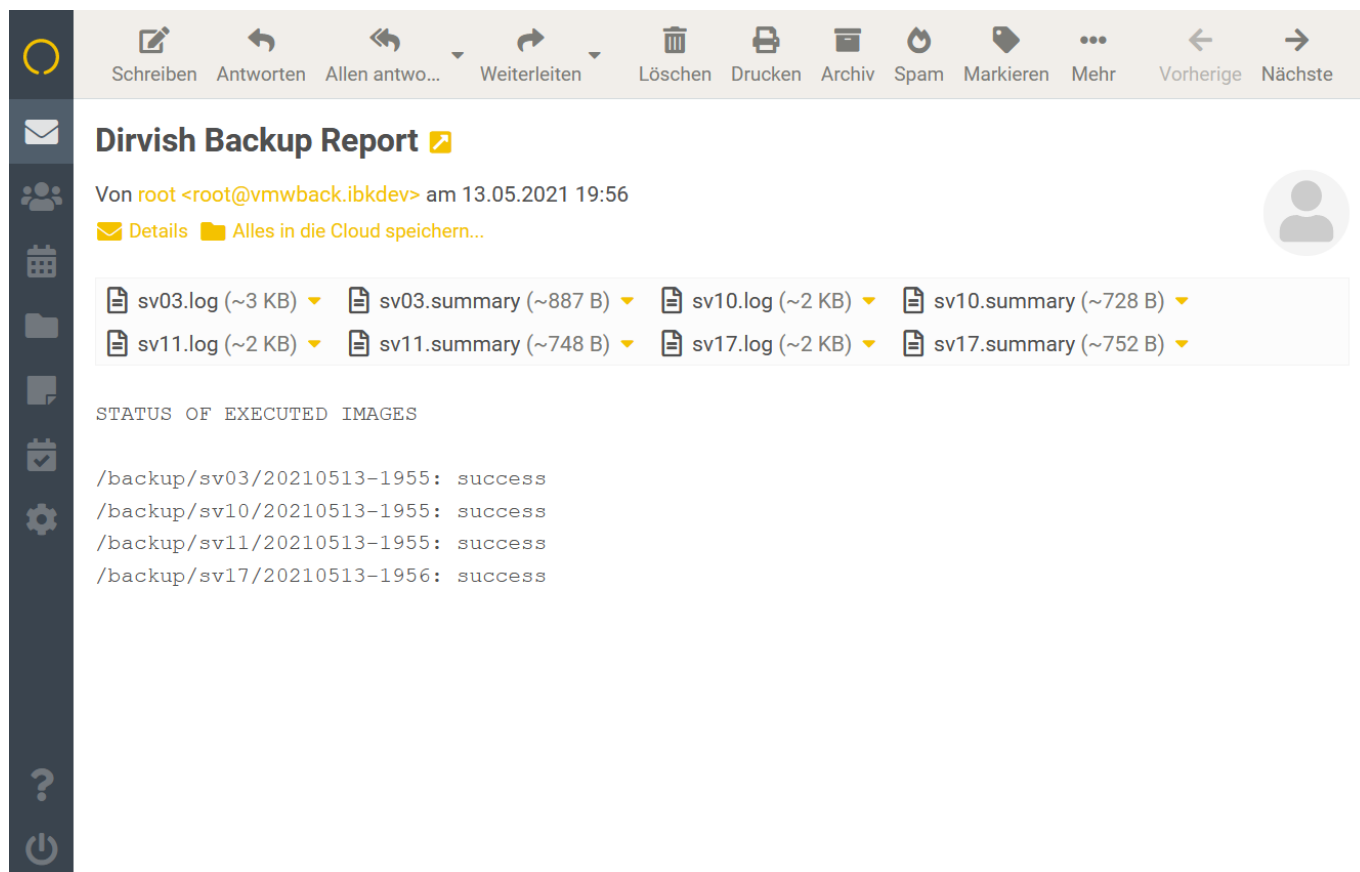


Dirvish Email Notification

Collect and send information about images by email at end of the dirvish cron job.

You get a single email with a status summary for all vaults processed in the cron job run. By default the summary and log files are attached to the mail for convenience, as well as the file rsync_error in case it was created. Which files are attached can be configured.



Mail Setup

- Make sure that mutt is installed and you can send mail with it
 - Check with echo „My Content“ | mutt -s „My Subject“ your.name@yourdomain.com
 - Below is a [brief tutorial](#) for using an external mailserver by smtp.
 - Find instructions in the internet for other setups.
- Download the [latest release](#)
- Extract archive, and upload these files to /etc/dirvish:
 - mail.conf
 - dirvish-mail
 - dirvish-cronjob-mail
- Make files /etc/dirvish/dirvish-mail and /etc/dirvish/dirvish-cronjob-mail executable by chmod 755
- Edit mail.conf
 - Remove # in front of #mail_to john.doe@example.com, and change the email

address.

- The line should finally look somewhat like `mail_to your.name@yourdomain.com`
- Enter `/etc/DIRVISH/DIRVISH-MAIL post-server` as post-server script in your `master.conf`.
 - In case you do not want all vaults reported, add it to the post-server script of each single vault, instead of `master.conf`.
- Use `dirvish-cronjob-mail` in place of `dirvish-cronjob` for your cron job
 - In case you are using a customized script for your cron job, please check `README.md` in the zip archive how to edit it.

Send email via external mail server

If you don't need a full email environment on the dirvish server itself, you can use an external mailserver. That might be your own mailserver, or any provider like gmail, swisscom, web.de where you have an email account.

Here is a very brief example setup for Debian using `msmtp`. You can find more detailed tutorials in the internet if you need special options, just search for „`msmtp`“.

```
#apt install -y msmtp msmtp-mta mailutils
```

Show locations of the the `msmtp` configuration files:

```
# msmtp --version
msmtp Version 1.8.3
...
System configuration file name: /etc/msmtprc
User configuration file name: /root/.msmtprc
...
```

Edit the system configuration file.

```
# nano /etc/msmtprc
defaults
port 587
tls on
tls_trust_file /etc/ssl/certs/ca-certificates.crt
account accountname
host smtp.example.com
from john.doe@example.com
auth on
user emailaccount
password emailpassword
account default: accountname
aliases /etc/aliases
```

- Replace `accountname` with something like „`mymail`“, „`bygmail`“ etc.
- Replace `smtp.example.com` with the `smtp` url of your mailserver.
- Replace `john.doe@example.com` by your email address.

- Replace emailaccount by your email account name
- Replace emailpassword by your email password

Change access for security:

```
# chmod 600 /etc/msmtprc
```

Add aliases:

```
# nano /etc/aliases
...
root: your.name@your_email_server.com
default: your.name@your_email_server.com
```

Set msmtprc as the sendmail program:

```
# nano /etc/mail.rc
set sendmail="/usr/bin/msmtp -t"
```

Test if working so far with the „mail“ program:

```
# echo "My Content" | mail -s "My Subject" your.name@yourdomain.com
```

Finally add mutt and test if that also works:

```
# apt install -y mutt

# mutt
(accept creation of ~/Mail directory)
(press q to quit)

# echo "My Content" | mutt -s "My Subject" your.name@yourdomain.com
```

Note to msmtprc 1.8.3 in debian 10 (buster)

You may notice that the envelope and the return address is from your email servers domain (@your_email_server.com), but the sender address is from the hostname of your dirvish server (@dirvishserver). It seems that the alias expanding only works with newer versions of msmtprc. It might look harmless or even useful at first sight, however it will increase the spam-score of your email by the receiving mailserver. To work around, set the domain of your mailserver in /etc/mailname:

```
# nano /etc/mailname
your_email_server.com
```

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