



SupremeRAID™

How to enable mail notification

Version: 1.0.1

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How to set a mail notification with SupremeRAID™

Graid Technology provides a daemon service in Linux to let our SupremeRAID™'s users have the mail notification feature to monitor SupremeRAID™ service status, including create, delete PD/DG/VD or remove SSD.

Configuring mail notification

Prerequisites

- Install SupremeRAID™ driver in the host machine

Install mail notification daemon

For CentOS, RHEL, Rocky Linux and AlmaLinux

```
$ sudo rpm -ivh graid-mail-notification-{version}-{build_number}.g{commit_id}.rpm
```

For Ubuntu

```
$ sudo dpkg -i graid-mail-notification-{version}-{build_number}.g{commit_id}.deb
```

Configuration

To configure the detail mail notification setting.

Edit the config file

```
$ sudo vim /etc/graid/sendmail.toml
```

Output example:

```
[smtp]
username = "your username in mailserver"
password = "SMTP password"
host = "mailserver address"
port = "port"
ssl = true
[event]
severity = ""
[receivers]
mails = ["user1@test.com", "user2@test.com"]
```

Note: severity:

info, (default)

warn/warning,

error

Users can choose the notification level they want.

Start mail notification service

```
$ sudo systemctl start graid-mail-notification
```

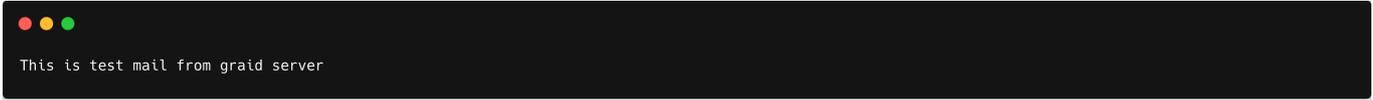
Stop mail notification service

```
$ sudo systemctl stop graid-mail-notification
```

Send a testing mail to specify mail address

```
$ sudo graid_mail_notification -t
```

Output example:

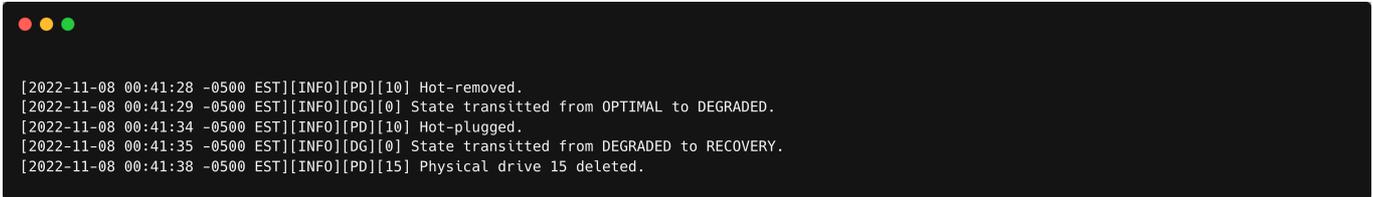


```
This is test mail from graid server
```

Receive SupremeRAID™'s service status in specify mail address

The mail daemon service would monitor every 30 seconds and send the mail to the user's specific mail address once it gets particular events that have changed the SupremeRAID™ status.

Output example:



```
[2022-11-08 00:41:28 -0500 EST][INFO][PD][10] Hot-removed.  
[2022-11-08 00:41:29 -0500 EST][INFO][DG][0] State transitted from OPTIMAL to DEGRADED.  
[2022-11-08 00:41:34 -0500 EST][INFO][PD][10] Hot-plugged.  
[2022-11-08 00:41:35 -0500 EST][INFO][DG][0] State transitted from DEGRADED to RECOVERY.  
[2022-11-08 00:41:38 -0500 EST][INFO][PD][15] Physical drive 15 deleted.
```

Remove mail notification

For CentOS, RHEL, Rocky Linux and AlmaLinux

```
$ sudo rpm -e graid-mail-notification
```

For Ubuntu

```
$ sudo dpkg -r graid-mail-notification
```

Note: Once user installed this mail-notification daemon, if users want to remove graid driver they need to remove this daemon first. Otherwise, user would get the error message.

Output example:

```
[graid@graid-demo event_notifi]# rpm -e graid-sr
error: Failed dependencies:
  graid-sr is needed by (installed) graid-mail-notification-0.0-1.e18.x86_64
```