

FreeBSD Administration - Support #800

Setup Power Outage Email Notifications on FreeNAS

04/22/2016 03:53 PM - Daniel Curtis

Status:	Closed	Start date:	04/22/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Automated Server Management	Estimated time:	0.50 hour
Target version:	FreeNAS 9.x	Spent time:	0.50 hour

Description

This is a simple guide on setting up FreeNAS 9.10 to alert via email on power outage events using an APC UPS.

Setup Email

- Login to your FreeNAS and go to System -> Email
- And configure the settings to match your setup:
  1. From email: [bob@example.com](mailto:bob@example.com)
  2. Outgoing mail server: **mail.example.com**
  3. Port to connect to: **587**
  4. TLS/SSL: **TLS**
  5. Use SMTP Authentication: [X]
  6. Username: [bob@example.com](mailto:bob@example.com)
  7. Password: **SuperSecretPassword**
  8. Password confirmation: **SuperSecretPassword**

Setup UPS Notifications

- Login to your FreeNAS server and click **Shell**
- Now find the USB port that the UPS is connected to:

```
dmesg | grep -i --color 'american power conversion'
```

◦ *Example output:*

```
ugen0.5: <American Power Conversion> at usb0
```

- Next go to Services and turn **ON UPS**.
- Then click the Wrench icon to configure the UPS connection.
  1. Set UPS Mode to **Master**.
  2. Set Identifier to **ups**.
  3. Set Driver to **APC ups 2 Back-UPS USB USB (usbhid-ups)**.
  4. Set Port to **/dev/ugen0.5**.
  5. Set Shutdown mode to **UPS reaches low battery**.
  6. Set Monitor password **SuperSecretPassword**.
  7. Set email to [bob@example.com](mailto:bob@example.com).
  8. Finally click on **OK** button to save changes.
- Open up a Shell again and poll the status of a UPS server on FreeNAS:

```
upsc ups@localhost
```

Resource

- <http://www.cyberciti.biz/faq/how-to-install-apc-ups-on-freenas-server/>

## History

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### #1 - 04/22/2016 04:05 PM - Daniel Curtis

- *Description updated*
- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

### #2 - 05/13/2016 09:41 PM - Daniel Curtis

- *Category set to Automated Server Management*
- *Status changed from Resolved to Closed*