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|  | **2014** |
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| **[MONIT]** |
| todo |

Inhoud

[VIM Commands 1](#_Toc387434076)

# Introduction

Monit is a free open source and very useful tool that automatically monitors and manages server process, files, directories, checksums, permissions, filesystems and services like Apache, Nginx, MySQL, FTP, SSH, Sendmail and so on in a UNIX/Linux based systems and provides an excellent and helpful monitoring functionality to system administrators.

The monit has user friendly web interface where you can directly view the system status and setup up processes using native HTTP(S) web server or via the command line interface.

Home page: <http://mmonit.com/monit/>

# Installation

Used: <http://www.tecmint.com/how-to-install-and-setup-monit-linux-process-and-services-monitoring-program/>   
This install monitor as rpm via a EPEL repo. I observed that installed version is 5.1.1, where latest version is 5.8.1.

Preparation: add epel repo  
By default, Monit tool is not available from the system base repositories, you need to add and enable third party epel repository to install monit package under your RHEL/CentOS systems.  
Described here:  
<http://www.tecmint.com/how-to-enable-epel-repository-for-rhel-centos-6-5/>

$ sudo yum install monit

# Configuration of monit

After installation one time action

* to enable the webserver in Monit, by uncommenting certain section
* I checked that following is enabled  
  include /etc/monit.d/\*  
    
  And next start  
  $ sudo service monit start

Note: if a start delay is configured, the website will only be available after that delay.

To provide remote access

* Check that firwall allows access to port (2812)
* Update /etcmonit.conf
  + set httpd port 2812
  + allow admin:monit # user : password
  + Comment other lines.
* Restart monit and wait until start-up delay is passed.

# Configuration of to-be-monitored-services

Exampled are provided in /etc/monit.conf and  
<http://www.tecmint.com/how-to-install-and-setup-monit-linux-process-and-services-monitoring-program/>

# Logging

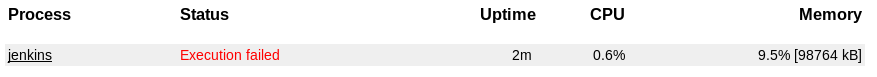
Monit has own log.  
To browse in terminal:  
$ sudo tail -f /var/log/monit

It is also available in the browser, via “running” link on the mainpage

# System Upgrading

During a system upgrade, Monit shall be passive. Howto do this?

# Experiences

I stopped Jenkins to observe that Monit does.  
It tried to restart (which failed, probably wrong configuration).  
Then I started Jenkins manually. I observed following  


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