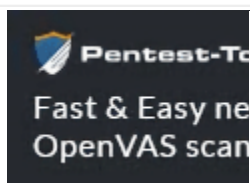




MONITORING TOOLS

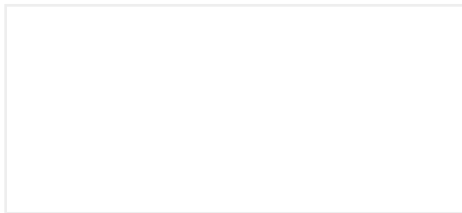
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# – Monitor Server and Process Metrics in Linux

by [Aaron Kili](#) | Published: July 11, 2018  
| Last Updated: July 11, 2018



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In the past, we've covered lots of command-line based tools for [monitoring Linux performance](#), such as [top](#), [htop](#), [atop](#), [glances](#) and more, and a number of web based tools such as [cockpit](#), [pydash](#), [linux-dash](#), just to mention but a few. You can also run **glances** in web server mode to monitor remote servers. But all that aside, we have

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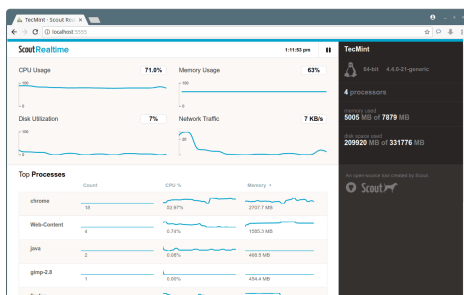
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discovered yet another simple server monitoring tool that we would like to share with you, called **Scout\_Realtime**.

**Scout\_Realtime** is a simple, easy-to-use web based tool for monitoring Linux server metrics in real-time, in a top-like fashion. It shows you smooth-flowing charts about metrics gathered from the CPU, memory, disk, network, and [processes \(top 10\)](#), in real-time.



*Real Time Linux Server Process Monitoring*

In this article, we will show you how install **scout\_realtime** monitoring tool on Linux systems to monitor a remote server.

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## Linux

1. To install **scout\_realtime** on your Linux server, you must have **Ruby 1.9.3+** installed on your server using following command.

```
$ sudo apt-get install ruby
$ sudo yum -y install ruby
$ sudo dnf -y install ruby
```

2. Once you have installed **Ruby** on your Linux system, now you can install **scout\_realtime** package using the following command.

```
$ sudo gem install scout_realtime
```

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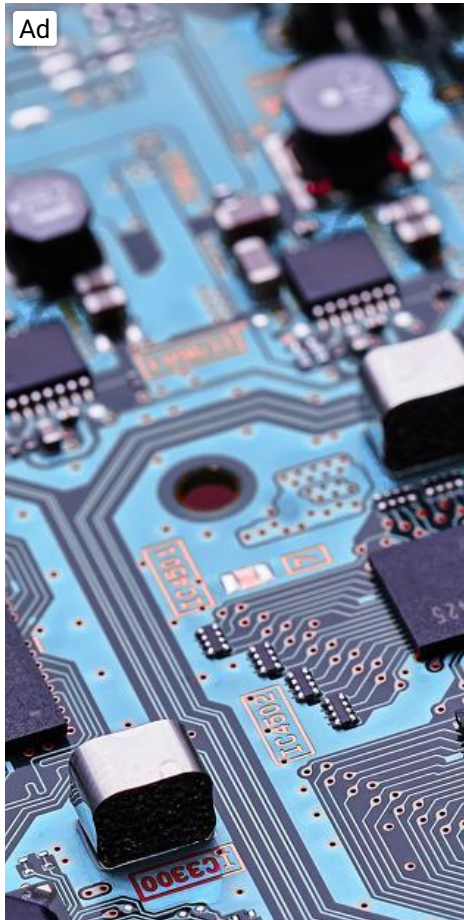
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3. After successfully installing **scout\_realtime** package, next, you need to start the **scout\_realtime** daemon which will collect server metrics in real-time as shown.

```
$ scout_realtime
```

```
(admin@vps1 ~)$ scout_realtime
Daemon has started successfully
To view in your browser, do ONE of the following:
A) create an SSH tunnel: ssh -NL 5555:localhost:5555 user@ip_or_hostname (run that command on your own computer, not the server)
then point your browser to: http://localhost:5555
--- OR ---
B) open a port in your firewall: sudo iptables -A INPUT -p tcp --dport 5555 -j ACCEPT
run that command on your server)
then point your browser to: http://your-ip-or-hostname:5555
* FYI, the log file is: /home/admin/.scout/scout_realtime.log
* "scout_realtime stop" to stop the daemon
(admin@vps1 ~)$
```

*Start Scout Realtime on Server*

4. Now that the **scout\_realtime** daemon is running on your Linux server that you want to monitor remotely on port **5555**. If you are running a firewall, you need to open the port **5555** which **scout\_realtime** listens on, in the firewall to allow requests to it.

----- **On Debian**

```
$ sudo ufw allow 2700
$ sudo ufw reload
```

----- **On RHEL/CentOS**

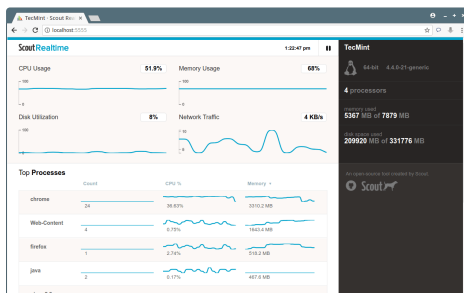
```
$ sudo iptables -A INPUT -p tcp --dport 5555 -j ACCEPT
$ sudo service iptables restart
```

----- **On RHEL/CentOS 7**

```
$ sudo firewall-cmd --add-port=5555/tcp --permanent
$ sudo firewall-cmd --reload
```

5. Now from any other machine, open a web browser and use the URL below to access the **scout\_realtime** to monitor your remote Linux server performance.

`http://localhost:5555`  
OR  
`http://ip-address-of-server`



*ScoutRealtime Linux Server Process*

*Monitoring*

6. By default, **scout\_realtime** logs are written in **.scout/scout\_realtime.log** on the system, that you can view using **[cat command](#)**.

```
$ cat .scout/scout_
```

7. To stop the **scout\_realtime**

daemon, run the following command.

```
$ scout_realtime stop
```

8. To uninstall **scout\_realtime** from the system, run the following command.

```
$ gem uninstall scout_realtime
```

For more information, check out [Scout\\_realtime Github repository](#).

It's that simple! **Scout\_realtime** is a simple yet useful tool for monitoring Linux server metrics in real-time in a top-like fashion. You can ask any questions or give us your feedback in the comments about this article.

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### Aaron Kili

Aaron Kili is a Linux and F.O.S.S enthusiast, an upcoming Linux SysAdmin, web developer, and currently a content creator for TecMint who loves working with computers and strongly believes in sharing knowledge.

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