



Update On Scientific Linux

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Hepix Fall 2011

October 24, 2011



Favorite Comments



Linux Format November 2011

<http://www.linuxformat.com/archives?issue=150>

Front Cover

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- Presentation Overview
 - The last six months
 - What we are currently working on
 - What we see in the future



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The Past Six Months



- The following statistics were gathered from <ftp.scientificlinux.org> log files
 - These numbers are a minimum. We know that the real numbers are higher.
 - These numbers are based on the yum access to the errata
 - In 2010 we started counting the machines that download the distro mirrorlists. We do not know the architecture of these machines, so they have been labeled as “noarch”
 - In 2011 we added statistics based on total number of downloads versus unique IP address downloads.
 - We currently have 44 public mirrors, and know of 601 sites mirroring us. These statistics do not represent any of the mirror sites.



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The Past Six Months



2004 to Present - By Release





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The Past Six Months



- S.L. 6.1 released – July 2011
 - For i386 and x86_64
 - Programs that we added when compared to RHEL6
 - Openafs, icewm, yum-autoupdate
 - Revisor, livecd-tools, liveusb-creator
 - Repositories: adobe, atrpms, elrepo, epel, rpmforge
 - Revisor makes it trivial to make your own Site or Spin



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The Past Six Months



- S.L. Live 6.1 released – July 2011
 - Web site is at www.livecd.ethz.ch
 - For i386 and x86_64
 - CD, DVD, mini-CD
 - Uses anaconda to install to a hard drive
 - Liveusb-creator makes it trivial to create a LiveUSB from the CD/DVD images.
 - LiveCD-tools makes it easier for people to create their own LiveCD



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The past 6 months



- Scientific Linux 5.6 released June 2011
- Scientific Linux 5.7 released September 2011



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The Past Six Months



- S.L. 4.9
 - Security and Fastbugs only until Feb 2012



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The Past Six Months



- Security updates continually released for all supported versions
- Fastbugs updates consistently released weekly for latest versions of SL4, SL5 and SL6.



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The Past Six Months



- One person was added to The Scientific Linux Development Team
 - Patrick Riehecky
- One person left the team
 - Troy Dawson --> TUV



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The Past 6 months



- Scientific Linux Usage Survey
 - Thanks for responding to the survey



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The Past 6 months



- Implemented automation of rpm checking and errata email
 - automatic repo dependency checking for SL 6
 - automatic errata email creation for security errata
 - automatic verification of rpm name and version for security errata



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Future



- Re release Install-DVD and Everything DVD for SL 6.1 to fix
 - The need for the network during kickstarts
 - Proxy not working
 - Removal of “sl repos” during install
- Work on SL 6.2
 - TUV has released Beta of 6.2



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Future



- Will release as a Technology Preview yum-security support for SL 6
 - Provides for easy CVE search
 - Provided by yum-plugin-security rpm
 - Requires updateinfo.xml in repodata/ which we will add
 - See example on next slide



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Future



```
]# yum info-sec --cve CVE-2011-2372
```

```
Loaded plugins: refresh-packagekit, security
```

```
thunderbird-3.1.15-1.el6
```

```
Update ID : SLSA-2011:1342-01
```

```
Release : Scientific Linux 6
```

```
Type : security
```

```
Status : stable
```

```
CVEs : CVE-2011-2372
```

```
Files : thunderbird-3.1.15-1.el6_1.x86_64.rpm
```



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What we see in the future



- Continue to have security updates for all releases of SL 4, until February 2012.
- Continue to have fastbug updates for only SL 4.9 until February 2012.
- Continue to have security updates for all releases of SL 5 and 6.
- Continue to have fastbug updates for only the latest releases of SL 5 and 6.



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What we see in the future



- Decommissioning SL 4 February 2012



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Discussion / Questions



- Discussion
- Other Questions?



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References



- <http://www.scientificlinux.org/>
- <http://www.scientificlinux.org/distributions/6x/60/>
- <http://www.scientificlinux.org/download/mirrors>
- <http://www.livecd.ethz.ch/>
- <https://www.redhat.com/licenses/>
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