Linux系统一键测试IO性能和下载上传速度脚本bench. sh

经过几个版本的演化，一键测试脚本 bench.sh 已经几乎全面适用于各种 Linux 发行版的网络（下行）和 IO 测试。
并将测试结果以较为美观的方式显示出来。

总结一下 bench.sh 特点：

1、显示当前测试的各种系统信息；
2、取自世界多处的知名数据中心的测试点，下载测试比较全面；
3、支持 IPv6 下载测速；
4、IO 测试三次，并显示平均值。

再配合 unixbench.sh 脚本测试，即可全面测试 VPS 的性能。

使用方法：

命令1：

```
wget -qO- bench.sh | bash
```

或者

```
curl -Lso- bench.sh | bash
```

命令2：

```
wget -qO- 86.re/bench.sh | bash
```

或者

```
curl -so- 86.re/bench.sh | bash
```

备注：

bench.sh 既是脚本名，同时又是域名。所以不要怀疑我写错了或者你看错了。

下载地址：

https://github.com/teddysun/across/blob/master/bench.sh

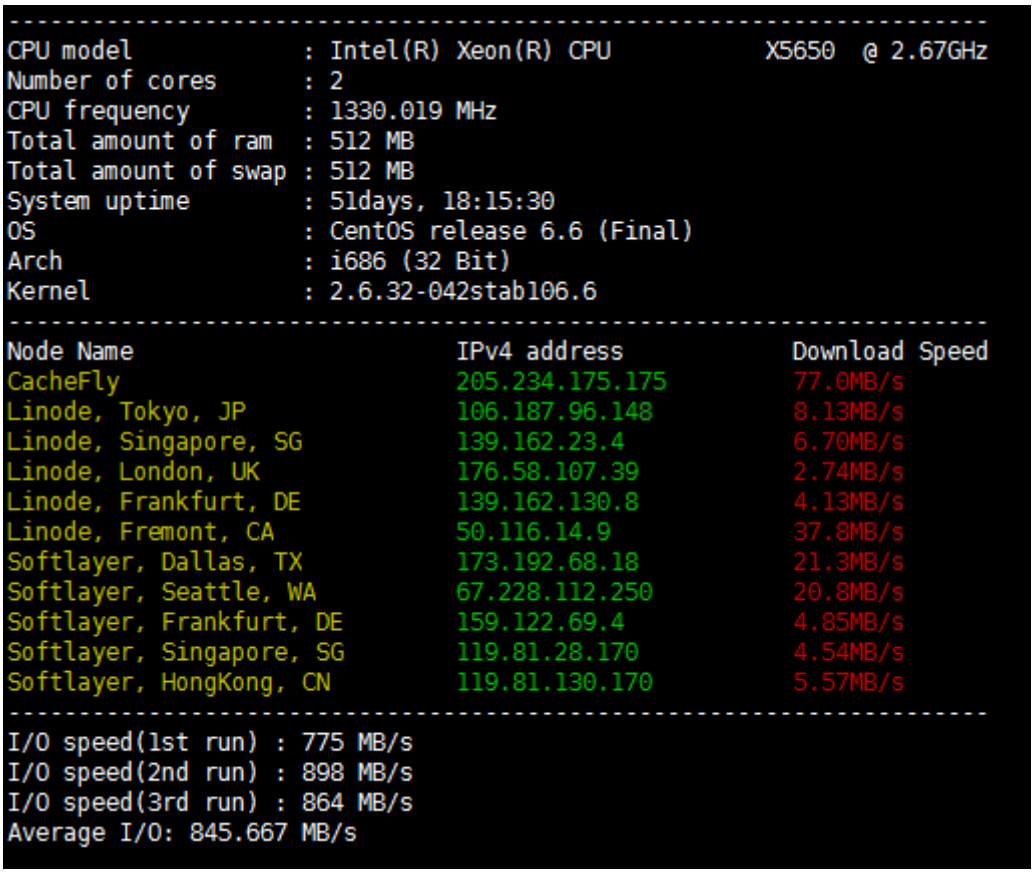
2016 年 11 月 24 日更新：新增：显示硬盘信息；把 IO 速度测试的位置提前，网络下载速度测试放到最后。

如下所示：

```
----------------------------------------------------------------------
CPU model            : Intel(R) Xeon(R) CPU           L5520  @ 2.27GHz
Number of cores      : 2
CPU frequency        : 2266.901 MHz
Total size of Disk   : 100 GB (20 GB Used)
Total amount of Mem  : 1024 MB (210 MB Used)
Total amount of Swap : 1024 MB
System uptime        : 151 days, 3 hour 31 min
Load average         : 0.00, 0.00, 0.00
OS                   : CentOS 6.8
Arch                 : x86_64 (64 Bit)
Kernel               : 2.6.32-042stab113.21
----------------------------------------------------------------------
I/O speed(1st run)   : 84.1 MB/s
I/O speed(2nd run)   : 161 MB/s
I/O speed(3rd run)   : 212 MB/s
Average I/O speed    : 152.367 MB/s
----------------------------------------------------------------------
Node Name                       IPv4 address            Download Speed
CacheFly                        205.234.175.175         78.6MB/s
Linode, Tokyo, JP               106.187.96.148          12.7MB/s
Linode, Singapore, SG           139.162.23.4            7.15MB/s
Linode, London, UK              176.58.107.39           8.20MB/s
Linode, Frankfurt, DE           139.162.130.8           4.86MB/s
Linode, Fremont, CA             50.116.14.9             42.2MB/s
Softlayer, Dallas, TX           173.192.68.18           58.5MB/s
Softlayer, Seattle, WA          67.228.112.250          69.2MB/s
Softlayer, Frankfurt, DE        159.122.69.4            7.62MB/s
Softlayer, Singapore, SG        119.81.28.170           13.8MB/s
Softlayer, HongKong, CN         119.81.130.170          17.9MB/s
----------------------------------------------------------------------
```

最后放几张测试图片。

BandwagonHost Los Angel



DigitalOcean Singapore

```
----------------------------------------------------------------------
CPU model            : Intel(R) Xeon(R) CPU E5-2630L v2 @ 2.40GHz
Number of cores      : 1
CPU frequency        : 2399.998 MHz
Total amount of ram  : 490 MB
Total amount of swap : 0 MB
System uptime        : 1days, 0:23:41
OS                   : CentOS release 6.7 (Final)
Arch                 : x86_64 (64 Bit)
Kernel               : 2.6.32-504.12.2.el6.x86_64
----------------------------------------------------------------------
Node Name                      IPv4 address           Download Speed
CacheFly                       205.234.175.175        29.9MB/s
Linode, Tokyo, JP              106.187.96.148         15.0MB/s
Linode, Singapore, SG          139.162.23.4           95.1MB/s
Linode, London, UK             176.58.107.39          8.47MB/s
Linode, Frankfurt, DE          139.162.130.8          6.39MB/s
Linode, Fremont, CA            50.116.14.9            9.11MB/s
Softlayer, Dallas, TX          173.192.68.18          10.3MB/s
Softlayer, Seattle, WA         67.228.112.250         12.4MB/s
Softlayer, Frankfurt, DE       159.122.69.4           8.96MB/s
Softlayer, Singapore, SG       119.81.28.170          88.5MB/s
Softlayer, HongKong, CN        119.81.130.170         48.2MB/s
----------------------------------------------------------------------
Node Name                      IPv6 address           Download Speed
Linode, Atlanta, GA            2600:3c02::4b          3.71MB/s
Linode, Dallas, TX             2600:3c00::4b          6.65MB/s
Linode, Newark, NJ             2600:3c03::4b          6.16MB/s
Linode, Singapore, SG          2400:8901::4b          98.0MB/s
Linode, Tokyo, JP              2400:8900::4b          20.2MB/s
Softlayer, San Jose, CA        2607:f0d0:2601:2a::4   10.6MB/s
Softlayer, Washington, WA      2607:f0d0:3001:78::2   4.59MB/s
Softlayer, Paris, FR           2a03:8180:1301:8::4    3.43MB/s
Softlayer, Singapore, SG       2401:c900:1101:8::2    55.6MB/s
Softlayer, Tokyo, JP           2401:c900:1001:16::4   24.0MB/s
----------------------------------------------------------------------
I/O speed(1st run) : 219 MB/s
I/O speed(2nd run) : 126 MB/s
I/O speed(3rd run) : 125 MB/s
Average I/O: 156.667 MB/s
```

https://github.com/teddysun/across/blob/master/bench.sh