

Linux命令行

常用的Linux命令

Find

```
find /var/lib/docker/vfs/dir/abcd/backups/ -maxdepth 1 -type f -ctime +10 -delete
```

找到Confluence超过10天的自动备份，删除之

Sudo

```
sudo -i
```

获取超级用户权限，也可以用类似下面的命令

```
sudo bash -C su - admin
```

或

```
sudo -u admin ./jbossctl stop
```

top

```
netstat -nlp | grep 000, 列出端口, 包括进程ID, 在其中搜索x000端口
```

```
ps -aef | grep java
```

```
ps aux
```

free -m 查看内存使用情况

```
cp / mv / grep
```

```
scp -r 10.199.144.149:/root/.ivy2
```

```
sed -i 's/run `"$@"`/run\nexport VIP_OSP_ZOOKEEPER=osp-zk-1.vip.com:2181,osp-zk-2.vip.com:2181,osp-zk-3.vip.com:2181\nrun\n`"$@"`/' test.sh
```

```
df
```

```
tar -zxf abc.tar.gz
```

```
tar -zcvf archive-name.tar.gz /path/directory-name
```

查看进程信息:

```
/proc/1032/cmdline
```

```
/proc/1032/environ
```

查找哪个yum包包含想要的可执行文件:

```
yum provides `*bin/htpasswd`
```

```

[root@iZulaswcd3wZ ~]# yum provides `*bin/htpasswd
Loaded plugins: langpacks
httpd-tools-2.4.6-40.el7.centos.x86_64 : Tools for use with the Apache HTTP Server
Repo           : base
Matched from:
Filename      : /usr/bin/htpasswd

httpd-tools-2.4.6-40.el7.centos.x86_64 : Tools for use with the Apache HTTP Server
Repo           : @base
Matched from:
Filename      : /usr/bin/htpasswd

```

xargs

将管道上前一个命令的输出作为后一个命令的参数。例如:

```
ls application.log.* | xargs cat | grep Handling
```

```
find /home/docker/volumes/.../_data/backups -maxdepth 1 -type f -name "backup*" -ctime -2 | xargs -i sudo cp -rf {} /home/admin/confluence_backups
```

查找

```
cat logs/smart/otherdays/eventbus.*.logger logs/smart/eventbus.logger | grep
2019-07-2[2,3,4,5,6].*send.*ShipmentDeliveredthe | gawk 'match($0,/referId":([0-9]+),/,a) {printf a[1]}'
```

以上命令查找referId":后面的数字,然后打出来,用printf不换行,用print会换行

其他命令

命令	说明	备注
sudo gpasswd -a user1 docker	将user1加入到docker用户组	
rz/sz	通过ssh终端下载/上传文件	

参考资料

Linux黑白备忘录



Linux 00000000.pdf

Linux command line reference

<http://www.pixelbeat.org/cmdline.html>


```
free -m  
cat /proc/meminfo  
vmstat -s  
sudo dmidecode -t 17 #查看内存硬件信息
```

```
[root@iZ285xxmhpZ BiosVision]# sudo dmidecode -t 17  
# dmidecode 2.12  
SMBIOS 2.4 present.  
  
Handle 0x1100, DMI type 17, 21 bytes  
Memory Device  
  Array Handle: 0x1000  
  Error Information Handle: 0x0000  
  Total Width: 64 bits  
  Data Width: 64 bits  
  Size: 4096 MB  
  Form Factor: DIMM  
  Set: None  
  Locator: DIMM 0  
  Bank Locator: Not Specified  
  Type: RAM  
  Type Detail: None  
  
[root@iZ285xxmhpZ BiosVision]# █
```

How to measure actual memory usage of an application or process?

<http://stackoverflow.com/questions/131303/how-to-measure-actual-memory-usage-of-an-application-or-process>

```
ps aux
```