Subject: Physical (RH7.3) to Container (CentOS 5)?
Posted by zenny on Thu, 24 Apr 2008 07:33:50 GMT
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Could anyone suggest me what could be the problems to migrate a RH7.3-based physical server (with httpd, qmail, smb and other services) to CentOS5.1 container (VE)? What could be the changes that I may need to make?

I have the following processes running in the physical server. Could anyone tell which processes are mandatory to kill before migrating?

```
USER       PID %CPU %MEM    VSZ  RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.0   1368  228 ?        S     2007   1:28 init
root         2  0.0  0.0      0    0 ?        SW    2007   0:00 [keventd]
root         3  0.0  0.0      0    0 ?        SWN   2007   0:00 [ksoftirqd_CPU0]
root         4  0.0  0.0      0    0 ?        SW    2007 102:59 [kswapd]
root         5  0.0  0.0      0    0 ?        SW    2007   0:00 [bdflush]
root         6  0.0  0.0      0    0 ?        SW    2007   0:10 [kupdated]
root        15  0.0  0.0      0    0 ?        SW    2007   0:08 [kjournald]
root        94  0.0  0.0      0    0 ?        SW    2007   0:00 [khubd]
root       183  0.0  0.0      0    0 ?        SW<   2007   0:00 [mdrecoveryd]
root       198  0.0  0.0      0    0 ?        SW    2007   0:00 [kjournald]
root       199  0.0  0.0      0    0 ?        SW    2007   0:00 [kjournald]
root       200  0.0  0.0      0    0 ?        SW    2007   0:00 [kjournald]
root       201  0.0  0.0      0    0 ?        SW    2007 181:21 [kjournald]
root       202  0.0  0.0      0    0 ?        SW    2007   0:14 [kjournald]
root       203  0.0  0.0      0    0 ?        SW    2007   1:44 [kjournald]
root       608  0.0  0.0   1428  280 ?        S     2007  17:19 syslogd -m 0
root       613  0.0  0.0   1364  196 ?        S     2007   0:00 klogd -x
rpc        633  0.0  0.0   1532   68 ?        S     2007   0:00 portmap
rpcuser    661  0.0  0.0   1656   80 ?        S     2007   0:00 rpc.statd
root       757  0.0  0.1   4320  536 ?        S     2007   0:01 /sbin/mount.smbfs
ntp        782  0.0  0.3   1884 1876 ?        SL    2007   0:02 ntpd -U ntp -g
root       894  0.0  0.0   2136  200 ?        S     2007   0:00 xinetd -stayalive
root       969  0.0  0.0   2432    4 ?        S     2007   0:00 /bin/sh /usr/bin/
mysql     1000  0.0  0.0 33172  308 ?        S     2007   0:47 /usr/libexec/mysq
mysql     1002  0.0  0.0 33172  308 ?        S     2007   0:44 /usr/libexec/mysq
mysql     1003  0.0  0.0 33172  308 ?        S     2007   0:13 /usr/libexec/mysq
mysql     1004  0.0  0.0 33172  308 ?        S     2007   0:00 /usr/libexec/mysq
root      1085  0.0  0.1   7008  604 ?        S     2007   0:14 /usr/local/sbin/h
zkmd      1125  0.0  0.1   9324  672 ?        S     2007   0:00 zkmd
zkmd      1127  0.0  0.1   9324  672 ?        S     2007   0:00 zkmd
zkmd      1128  0.8  0.1   9324  672 ?        S     2007 4811:41 zkmd
zkmd      1129  2.1  0.1   9324  672 ?        S     2007 12529:39 zkmd
root      1150  0.0  0.0   1548  184 ?        S     2007   0:01 crond
xfs       1207  0.0  0.0   4480  152 ?        S     2007   0:00 xfs -droppriv -da
root      1225  0.0  0.0   4912  448 ?        S     2007   0:06 smbd -D
root      1230  0.0  0.1   3848  520 ?        S     2007   0:02 nmbd -D
```

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daemon    1248  0.0  0.0  1404   92 ?        S     2007   0:00 /usr/sbin/atd
solid     1269  0.0  0.0  1336    4 ?        S     2007   0:00 /usr/local/bin/wa
solid     1270  0.5  7.7 54024 40268 ?       S     2007 3238:57 /usr/local/solid
root      1282  0.0  0.0  1344  144 tty1     S     2007   0:00 /sbin/mingetty tt
root      1283  0.0  0.0  1344  144 tty2     S     2007   0:00 /sbin/mingetty tt
root      1284  0.0  0.0  1344  144 tty3     S     2007   0:00 /sbin/mingetty tt
root      1285  0.0  0.0  1344  144 tty4     S     2007   0:00 /sbin/mingetty tt
root      1286  0.0  0.0  1344  144 tty5     S     2007   0:00 /sbin/mingetty tt
root      1287  0.0  0.0  1344  144 tty6     S     2007   0:00 /sbin/mingetty tt
solid     1290  0.0  7.7 54024 40268 ?       S     2007   0:00 /usr/local/solid/
solid     1291  0.0  7.7 54024 40268 ?       S     2007  40:30 /usr/local/solid/
solid     1294  0.1  7.7 54024 40268 ?       S     2007 656:01 /usr/local/solid/
solid     1295  0.0  7.7 54024 40268 ?       S     2007 325:56 /usr/local/solid/
solid     1296  0.5  7.7 54024 40268 ?       S     2007 3231:19 /usr/local/solid
clamav   31268  0.0 13.3 81272 69052 ?       S     2007  29:09 clamd
clamav   28095  0.0  0.1  2688  608 ?        S     2007   3:13 freshclam -d -c 2
clamav   28098  0.0 13.3 81272 69052 ?       S     2007   0:04 clamd
root     17787  0.0  0.0  2916  420 ?        S     2007   2:20 /usr/sbin/sshd
root     26870  0.0  0.1  5488  852 ?        S    Mar26   0:00 smbd -D
named     1657  0.0  2.2 21936 11592 ?       S    Apr03   0:00 named -u named
named     1659  0.0  2.2 21936 11592 ?       S    Apr03   0:00 named -u named
named     1660  0.0  2.2 21936 11592 ?       S    Apr03   5:13 named -u named
named     1661  0.0  2.2 21936 11592 ?       S    Apr03   0:04 named -u named
named     1662  0.0  2.2 21936 11592 ?       S    Apr03   0:27 named -u named
root     30661  0.0  0.1  5860  856 ?        S    Apr10   5:02 smbd -D
root     25902  0.0  0.1  5488 1028 ?        S    Apr21   0:00 smbd -D
root     29174  0.0  0.0  1336  268 ?        S    Apr21   0:00 /usr/local/bin/wa
qmails   29175  0.0  0.0  1400  344 ?        S    Apr21   0:03 qmail-send
root     29183  0.0  0.0  1360  392 ?        S    Apr21   0:02 /var/qmail/bin/sp
qmaill   29184  0.0  0.0  1360  392 ?        S    Apr21   0:01 splogger qmail
root     29185  0.0  0.0  1356  260 ?        S    Apr21   0:00 qmail-lspawn ./Ma
qmailr   29186  0.0  0.0  1352  276 ?        S    Apr21   0:00 qmail-rspawn
root     29187  0.0  0.0  1336  228 ?        S    Apr21   0:00 /usr/local/bin/wa
qmaild   29188  0.0  0.0  1408  328 ?        S    Apr21   0:01 /usr/local/bin/tc
qmailq   29189  0.0  0.0  1348  292 ?        S    Apr21   0:00 qmail-clean
root     29195  0.0  0.0  1336  232 ?        S    Apr21   0:00 /usr/local/bin/wa
root     29196  0.0  0.0  1408  268 ?        S    Apr21   0:02 qmail-pop3d -H -R
root     31529  0.0  0.1  5520 1028 ?        S    Apr21   0:06 smbd -D
root     12778  0.0  0.1  5648  736 ?        S    Apr22   0:03 smbd -D
root     29924  0.0  0.0  1552  464 ?        S    Apr23   0:00 CROND
root     29948  0.0  0.0  1376  256 ?        S    Apr23   0:00 bin/qmail-inject
orcane   29980  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29981  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
root     29185  0.0  0.0  1356  260 ?        S    Apr21   0:00 qmail-lspawn ./Ma
qmailr   29186  0.0  0.0  1352  276 ?        S    Apr21   0:00 qmail-rspawn
root     29187  0.0  0.0  1336  228 ?        S    Apr21   0:00 /usr/local/bin/wa
qmaild   29188  0.0  0.0  1408  328 ?        S    Apr21   0:01 /usr/local/bin/tc
qmailq   29189  0.0  0.0  1348  292 ?        S    Apr21   0:00 qmail-clean
```

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root     29195  0.0  0.0  1336  232 ?        S    Apr21   0:00 /usr/local/bin/wa
root     29196  0.0  0.0  1408  268 ?        S    Apr21   0:02 qmail-pop3d -H -R
root     31529  0.0  0.1  5520 1028 ?        S    Apr21   0:06 smbd -D
root     12778  0.0  0.1  5648  736 ?        S    Apr22   0:03 smbd -D
root     29924  0.0  0.0  1552  464 ?        S    Apr23   0:00 CROND
root     29948  0.0  0.0  1376  256 ?        S    Apr23   0:00 bin/qmail-inject
orcane   29980  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29981  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29982  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29983  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29984  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
orcane   29985  0.0  1.9 23836 9888 ?        S    Apr23   0:00 /usr/local/libexe
apache   18038  0.0  0.2  7052 1508 ?        S    04:02   0:00 /usr/local/sbin/f
apache   18039  0.0  0.3  7168 1968 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18040  0.0  0.3  7140 1964 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18041  0.0  0.3  7140 1908 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18042  0.0  0.3  7140 1912 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18043  0.0  0.3  7156 1984 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18044  0.0  0.3  7152 1984 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18045  0.0  0.3  7156 1960 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18046  0.0  0.3  7152 1960 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18047  0.0  0.3  7140 1940 ?        S    04:02   0:00 /usr/local/sbin/h
apache   18048  0.0  0.3  7156 1972 ?        S    04:02   0:00 /usr/local/sbin/h
apache    4151  0.0  0.3  7164 1964 ?        S    04:15   0:00 /usr/local/sbin/h
apache    4314  0.0  0.3  7160 1976 ?        S    04:40   0:00 /usr/local/sbin/h
root      5467  0.1  0.4  5584 2132 ?        S    07:36   0:10 smbd -D
root      5587  0.0  0.3  5608 1828 ?        S    07:43   0:00 smbd -D
apache    5693  0.0  0.3  7152 1936 ?        S    07:52   0:00 /usr/local/sbin/h
root      6319  0.0  0.3  5488 1800 ?        S    08:24   0:00 smbd -D
apache    6499  0.0  0.3  7156 1932 ?        S    08:33   0:00 /usr/local/sbin/h
apache    6755  0.0  0.3  7140 1928 ?        S    08:42   0:00 /usr/local/sbin/h
root      8111  0.0  0.3  3524 1676 ?        S    09:28   0:00 /usr/sbin/sshd
root      8112  0.0  0.2  2556 1392 pts/0    S    09:29   0:00 -bash
root      8169  0.0  0.1  2748  784 pts/0    R    09:29   0:00 ps -aux
root      8170  0.0  0.2  2556 1392 pts/0    R    09:29   0:00 -bash
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Thank you in advance!