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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	cron
xf	1207	0.0	0.0	4480	152	?	S	2007	0:00	xf -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 smb -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 smb -D
root 25902 0.0 0.1 5488 1028 ? S Apr21 0:00 smb -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
qmail 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 smb -D
root 12778 0.0 0.1 5648 736 ? S Apr22 0:03 smb -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

Thank you in advance!

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