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Subject: No systemctl after update centos 7  
Posted by [ku990](#) on Wed, 16 Dec 2015 20:32:59 GMT  
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i have cron with " yum update -y " every day at 00:00 .  
this is ok for few monts but today a have a big problem .

PROBLEM:

```
[root@host /]# systemctl status  
Failed to get D-Bus connection: No such file or directory
```

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Subject: Re: No systemctl after update centos 7  
Posted by [ku990](#) on Mon, 21 Dec 2015 18:38:04 GMT  
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up

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Subject: Re: No systemctl after update centos 7  
Posted by [zvv2](#) on Fri, 25 Dec 2015 19:20:36 GMT  
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Try to update kernel.  
Problem fixed in 042stab094.7  
h <https://wiki.openvz.org/Download/kernel/rhel6/042stab094.7>  
ms/hrtimer: Backport CLOCK\_BOOTTIME feature, needed for latest systemd (#2937)

My tests:

```
[root@111 /]# uname -srv  
Linux 2.6.32-042stab111.12 #1 SMP Thu Sep 17 11:38:20 MSK 2015
```

```
[root@111 /]# cat /etc/redhat-release  
CentOS Linux release 7.1.1503 (Core)
```

```
[root@111 /]# yum -y update
```

```
[root@111 /]# cat /etc/redhat-release  
CentOS Linux release 7.2.1511 (Core)
```

and after restart ve:

```
[root@111 /]# ps axufww  
USER      PID %CPU %MEM  VSZ  RSS TTY   STAT START  TIME COMMAND  
root      1  0.0  0.0 41120 3580 ?    Ss   14:10  0:00 init -z
```

```

root    2 0.0 0.0  0  0 ?    S  14:10  0:00 [kthreadd/111]
root    3 0.0 0.0  0  0 ?    S  14:10  0:00 \_ [khelper/111]
root    66 0.0 0.0 34776 1672 ?    Ss 14:10  0:00 /usr/lib/systemd/systemd-udev
root    70 0.0 0.0 36764 3044 ?    Ss 14:10  0:00 /usr/lib/systemd/systemd-journald
root    105 0.0 0.0 24224 1536 ?    Ss 14:10  0:00 /usr/lib/systemd/systemd-logind
root    108 0.0 0.1 226084 5060 ?    Ss 14:10  0:00 /usr/sbin/httpd -DFOREGROUND
apache  144 0.0 0.0 226084 2656 ?    S  14:10  0:00 \_ /usr/sbin/httpd -DFOREGROUND
root    112 0.0 0.0 82500 3596 ?    Ss 14:10  0:00 /usr/sbin/sshd -D
dbus    115 0.0 0.0 26412 1612 ?    Ss 14:10  0:00 /bin/dbus-daemon --system
--address=systemd: --nofork --nopidfile --systemd-activation
root    117 0.0 0.0 27272 704 ?    Ss 14:10  0:00 /usr/sbin/xinetd -stayalive -pidfile
/var/run/xinetd.pid
root    119 0.0 0.0 71276 984 ?    Ss 14:10  0:00 /usr/sbin/saslauthd -m /run/saslauthd -a
pam -n 2
root    127 0.0 0.0 71276 716 ?    S  14:10  0:00 \_ /usr/sbin/saslauthd -m /run/saslauthd
-a pam -n 2
root    120 0.0 0.0 234040 2948 ?    Ssl 14:10  0:00 /usr/sbin/rsyslogd -n
root    145 0.0 0.0 6404 816 tty1  Ss+ 14:10  0:00 /sbin/agetty --noclear --keep-baud
console 115200 38400 9600 vt220
root    146 0.0 0.0 22748 1524 ?    Ss 14:10  0:00 /usr/sbin/crond -n
root    147 0.0 0.0 6404 812 tty2  Ss+ 14:10  0:00 /sbin/agetty --noclear tty2 linux
root    172 0.0 0.0 90276 2288 ?    Ss 14:10  0:00 sendmail: accepting connections
smmsp   218 0.0 0.0 85712 1996 ?    Ss 14:10  0:00 sendmail: Queue runner@01:00:00
for /var/spool/clientmqueue
root    381 0.0 0.0 27560 756 ?    Ss 14:10  0:00 vzctl: pts/0
root    382 0.0 0.0 11724 1868 pts/0  Ss 14:10  0:00 \_ -bash
root    427 0.0 0.0 35836 1452 pts/0  R+  14:15  0:00 \_ ps axufww

```

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Subject: Re: No systemctl after update centos 7  
 Posted by [ku990](#) on Fri, 25 Dec 2015 21:06:20 GMT  
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```

[root@ct reparare]# systemctl
Failed to get D-Bus connection: No such file or directory
[root@ct reparare]# rpm -i vzkernel-2.6.32-042stab103.5.src.rpm
warning: vzkernel-2.6.32-042stab103.5.src.rpm: Header V4 DSA/SHA1 Signature, key ID
a7a1d4b6: NOKEY
[root@ct reparare]# reboot -f
got signal 9
      exited from CT 100
root@Dedicat:/hdd/private/100/reparare# vzctl enter 100
entered into CT 100
[root@ct /]# uname -r
2.6.32-32-pve
[root@ct /]# systemctl start network
Failed to get D-Bus connection: No such file or directory

```

[root@ct /]#

042stab094.7 - can't download ( 404 not found )

please help me ..

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Subject: Re: No systemctl after update centos 7  
Posted by [reallife](#) on Fri, 15 Jan 2016 22:34:50 GMT  
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not relating to systemctl, but you should yum install yum-cron instead of manual cron  
it has a nice update config, also emails you with results

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Subject: Re: No systemctl after update centos 7  
Posted by [puravida](#) on Fri, 26 Feb 2016 20:28:42 GMT  
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I am having this exact same issue. I just downloaded the latest (02/19/2016) available CentOS 7 64-bit (minimal) template from the OVZ templates directory and created a new VM from it. Nothing special from what I can tell.

I immediately get the error:

```
# systemctl  
Failed to get D-Bus connection: No such file or directory
```

The image is built on the following:  
Linux 2.6.32-042stab081.3 #1 SMP Mon Sep 9 20:07:47 MSK 2013  
CentOS Linux release 7.2.1511 (Core)

I am running OpenNode 6.

I am surprised that this happens right "out of the box" on this template. The template I was using before did not have this issue, but it no longer contains packages that worked and updating to the new systemd on that image absolutely breaks the whole system. I am stuck since using the latest template also seems problematic.

Please help.

Thanks,

Brandon

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Subject: Re: No systemctl after update centos 7  
Posted by [puravida](#) on Fri, 26 Feb 2016 20:43:22 GMT  
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For posterity and others having the same issue, I am updating with research.

I found a thread (in French) in the softpedia forum on this issue. I cannot post the link because I have too few posts in this forum.

It suggests that my OpenNode kernel is too far out-of-date to support the systemd(219) running CentOS 7.2. Hopefully an update will correct that. Will report back.

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Subject: Re: No systemctl after update centos 7  
Posted by [puravida](#) on Fri, 26 Feb 2016 21:02:47 GMT  
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Update: Unfortunately, the update didn't work, as I feared, since I'm still on OpenNode 6 (meaning CentOS 6) and the kernel updated but is still 2.6xx (apparently not good enough for systemd 219+). There still does not appear to be an OpenNode 7, so that's a bit frustrating.

I am so tired of spending months building a system, only to find just a couple of years later that it is broken due to changes and there is no upgrade path. I have spent my life basically re-building everything from scratch every few years, because things change so drastically (even though they worked fine before). If something works, they should continue to support it! /rant

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Subject: Re: No systemctl after update centos 7  
Posted by [puravida](#) on Fri, 26 Feb 2016 21:22:03 GMT  
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I just noticed that my updated OpenNode 6 kernel is the same as my CentOS 7-minimal kernel. Strange.

I tried restarting the VM to be sure it was using the latest vzkernel, but that did not help.

Any ideas would be greatly appreciated. At this point, it seems I may be forced to downgrade to CentOS 6 VMs... a step backwards. Such a pity. I just hope that at least that works.

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Subject: Re: No systemctl after update centos 7  
Posted by [puravida](#) on Fri, 26 Feb 2016 21:32:51 GMT  
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Ok, I think I understand the kernel version issue now.

So, my OpenNode 6 kernel is v2.6xx, which means my VZ kernel (even though CentOS 7) is

limited to that kernel version.

My other CentOS 7 dedicated servers are running on the v3xx kernel.

So, OpenNode 6 simply cannot support anything that requires the v3xx kernel.

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Subject: Re: No systemctl after update centos 7  
Posted by [Abadon](#) on Thu, 22 Sep 2016 10:16:14 GMT  
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I had the same problem with CentOS 7 container and OpenVZ node with CentOS6 kernel 2.6.32-042stab108.6

The update to the latest stable OpenVZ kernel (currently 2.6.32-042stab117.14) resolved the issue.

```
[root@devovz01 ~]# vzctl enter 106
entered into CT 106
[root@host /]# yum update -y
Loaded plugins: fastestmirror
base
 | 3.6 kB 00:00:00
extras
 | 3.4 kB 00:00:00
updates
 | 3.4 kB 00:00:00
(1/4): extras/7/x86_64/primary_db
 | 165 kB 00:00:00
(2/4): base/7/x86_64/group_gz
 | 155 kB 00:00:00
(3/4): updates/7/x86_64/primary_db
 | 7.8 MB 00:00:05
(4/4): base/7/x86_64/primary_db
 | 5.3 MB 00:00:06
Determining fastest mirrors
* base: mirrors.coreix.net
* extras: centos.serverspace.co.uk
* updates: centos.serverspace.co.uk
Resolving Dependencies
--> Running transaction check
---> Package bash.x86_64 0:4.2.46-19.el7 will be updated
---> Package bash.x86_64 0:4.2.46-20.el7_2 will be an update
---> Package dbus.x86_64 1:1.6.12-13.el7 will be updated
---> Package dbus.x86_64 1:1.6.12-14.el7_2 will be an update
---> Package dbus-libs.x86_64 1:1.6.12-13.el7 will be updated
.....
Updated:
```

```
bash.x86_64 0:4.2.46-20.el7_2      dbus.x86_64 1:1.6.12-14.el7_2
dbus-libs.x86_64 1:1.6.12-14.el7_2  glibc.x86_64 0:2.17-106.el7_2.8
glibc-common.x86_64 0:2.17-106.el7_2.8  initscripts.x86_64 0:9.49.30-1.el7_2.3
kmod.x86_64 0:20-8.el7_2          kmod-libs.x86_64 0:20-8.el7_2
kpartx.x86_64 0:0.4.9-85.el7_2.6      libarchive.x86_64 0:3.1.2-10.el7_2
libblkid.x86_64 0:2.23.2-26.el7_2.3   libmount.x86_64 0:2.23.2-26.el7_2.3
libsmbclient.x86_64 0:4.2.10-7.el7_2   libuuid.x86_64 0:2.23.2-26.el7_2.3
libwbclient.x86_64 0:4.2.10-7.el7_2   mariadb-libs.x86_64 1:5.5.50-1.el7_2
nscd.x86_64 0:2.17-106.el7_2.8        python.x86_64 0:2.7.5-39.el7_2
python-libs.x86_64 0:2.7.5-39.el7_2    samba.x86_64 0:4.2.10-7.el7_2
samba-client.x86_64 0:4.2.10-7.el7_2   samba-client-libs.x86_64 0:4.2.10-7.el7_2
samba-common.noarch 0:4.2.10-7.el7_2   samba-common-libs.x86_64 0:4.2.10-7.el7_2
samba-common-tools.x86_64 0:4.2.10-7.el7_2  samba-libs.x86_64 0:4.2.10-7.el7_2
systemd.x86_64 0:219-19.el7_2.13      systemd-libs.x86_64 0:219-19.el7_2.13
systemd-sysv.x86_64 0:219-19.el7_2.13  util-linux.x86_64 0:2.23.2-26.el7_2.3
```

Complete!

systemctl status works without D-bus errors.