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Subject: How to fix: cannot assign requested address (VNC)

Posted by [TomB](#) on Sun, 08 Apr 2018 09:27:53 GMT

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Hi All,

```
prctl set myvm --vnc-mode manual --vnc-port 5901 --vnc-passwd pass
```

Result prctl start myvm:

```
prl_disp_service: 04-08 12:19:03.073 F /disp:1326:1534/ libvirt error internal error: qemu  
unexpectedly closed the monitor: 2018-04-08Z qemu-kvm: -vnc [::1]:5,websocket=5700,password:  
Failed to start VNC server: Failed to bind socket: Cannot assign requested address
```

```
[root@host downloads]# prctl list --info test
```

```
Remote display: mode=manual port=5905 address=0.0.0.0
```

```
2018-04-08 09:18:55.492+0000: 8036: info : libvirt version: 3.6.0, package: 1.vz7.37 (Virtuozzo  
(http://www.virtuozzo.com/support/), 2018-04-04-15:28:36, builder9.eng.sw.ru)  
2018-04-08 09:18:55.492+0000: 8036: info : hostname: host  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:921 : proceeding with name =  
qemu:///system  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:930 : Connecting with transport 1  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:1065 : Proceeding with sockname  
/var/run/libvirt/libvirt-sock  
2018-04-08 09:18:55.492+0000: 8036: error : virNetClientRegisterAsyncIO:670 : internal error:  
Unable to register async IO callback  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:1144 : Failed to add event watch,  
disabling events and support for keepalive messages  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:1192 : Trying authentication  
2018-04-08 09:18:55.492+0000: 8036: debug : doRemoteOpen:1209 : Trying to open URI  
qemu:///system  
2018-04-08 09:19:03.073+0000: 1534: error : virNetClientProgramDispatchError:177 : internal  
error: qemu unexpectedly closed the monitor: 2018-04-08T09:19:02.642562Z qemu-kvm: -vnc  
[::1]:5,websocket=5700,password: Failed to start VNC server: Failed to bind socket: Cannot  
assign requested address  
2018-04-08 09:19:57.797+0000: 1534: error : virNetClientProgramDispatchError:177 : internal  
error: qemu unexpectedly closed the monitor: 2018-04-08T09:19:57.366449Z qemu-kvm: -vnc  
[::1]:5,websocket=5700,password: Failed to start VNC server: Failed to bind socket: Cannot  
assign requested address
```

Problem has been solved.

Do not disable IPv6 in sysctl!

```
net.ipv6.conf.all.disable_ipv6 = 1
```

```
net.ipv6.conf.default.disable_ipv6 = 1
```

To:

```
net.ipv6.conf.all.disable_ipv6 = 0
```

```
net.ipv6.conf.default.disable_ipv6 = 0
```

Tom

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