
Subject: ssh service wont start - new vps
Posted by [rmcnaught](#) on Tue, 26 Feb 2008 23:55:48 GMT
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Hi,

Has anyone seen this problem before, cannot start SSHD from the Host Node on a newly provisioned VPS?

I check /vz/root/103/var/log/secure and it is empty, although I dont know if it normally logs things here, as it is empty. Anyone know how to troubleshoot this?

```
[root@localhost ~]# vzctl create 103 --ostemplate centos-5-i386-minimal
Creating VE private area (centos-5-i386-minimal)
Performing postcreate actions
VE private area was created
[root@localhost ~]# vzctl set 103 --ipadd 192.168.1.103 --save
Saved parameters for VE 103
[root@localhost ~]# vzctl start 103
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.1.103
Setting CPU units: 1000
Configure meminfo: 65536
VE start in progress...
[root@localhost ~]# vzctl exec 103 service sshd status
sshd is stopped
[root@localhost ~]# vzctl exec 103 service sshd start
Generating SSH1 RSA host key: [FAILED]
```

Thanks

Robert

Subject: Re: ssh service wont start - new vps
Posted by [maratrus](#) on Wed, 27 Feb 2008 07:47:39 GMT
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Hi,

from /etc/init.d/sshd

```
KEYGEN=/usr/bin/ssh-keygen
SSHD=/usr/sbin/sshd
RSA1_KEY=/etc/ssh/ssh_host_key
RSA_KEY=/etc/ssh/ssh_host_rsa_key
DSA_KEY=/etc/ssh/ssh_host_dsa_key
```

```
PID_FILE=/var/run/sshd.pid
```

```
do_rsa1_keygen() {  
    if [ ! -s $RSA1_KEY ]; then  
        echo -n "$Generating SSH1 RSA host key: "  
        if $KEYGEN -q -t rsa1 -f $RSA1_KEY -C " -N " >&/dev/null; then  
            chmod 600 $RSA1_KEY  
            chmod 644 $RSA1_KEY.pub  
            if [ -x /sbin/restorecon ]; then  
                /sbin/restorecon $RSA1_KEY.pub  
            fi  
            success "$RSA1 key generation"  
            echo  
        else  
            failure "$RSA1 key generation"  
            echo  
            exit 1  
        fi  
    fi  
}
```

We can enter the VPS and try to execute the following command inside VPS:

```
$KEYGEN -q -t rsa1 -f $RSA1_KEY -C " -N "
```

(with or without -q option) and it will might be possible to observe some more information about any errors.
