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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.

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