**\*\*\*\*\*\* XCLOCK Troubleshooting \*\*\*\*\*\*\***

Need to install **xorg-x11\* bundle** packages for XCLOCK issue

**Environment**

\* Red Hat Enterprise Linux (RHEL)6

\* X11

**Issue**

\* Enabled X11Forwarding in /etc/ssh/sshd\_config and restarted the sshd daemon and have the xorg-x11-xauth and xorg-x11-apps packages installed but getting message ...

PuTTY X11 proxy: wrong authentication protocol attemptedError: Can't open display: localhost:10.0

There is a firewall between your desktop and the remote server that allows only ssh connections (port 22). When you run into the error “Xlib: PuTTY X11 proxy: wrong authentication protocol attempted”. What to do?

**Resolution**

Copy or recreate same user.

Copy the .Xauthority file from the user home directory where X forwarding works to the mqm user.

# scp –rv .Xauthority /home/abc (for copy hidden file)

**Reason:**

You have done an **su or a sudo** to a switch user, without copying the correct MIT-MAGIC-COOKIE authentication.

You can also logged in with user (orasm5) not root user and then use **su – or sudo.**

You should list these cookies by entering the following, under the account you used to login:

Server is behind firewall may be.

**To check Xauth List**

**export DISPLAY=localhost:10.0** or 11.0 or 13.0 examples

xauth list : It will show multiple entry in “root” user login.

xauth add **SRDCB2104RRA**/unix:13 MIT-MAGIC-COOKIE-1 cf6b6df8131ebf316559c85c9df37160

Check that the Putty X11 Forwarding function is correctly activated, as well as your DISPLAY variable:

root@machine1# **env | grep -i display or echo $DEISPLAY**

DISPLAY=localhost:10.0

**Edit : /etc/ssh/sshd\_config (Enable below lines)**

X11Forwarding yes

X11DisplayOffset 10

X11UseLocalhost yes

**Edit : /etc/ssh/ssh\_config (Check below lines and enable all)**

ForwardX11 yes

GSSAPIAuthentication yes

ForwardX11Trusted yes

Then save and restart : /etc/init.d/sshd restart

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[root@itd-sai-qa-sdlc5 jlee]# ssh -v -X -l jlee**(hostname**) 170.63.125.43**(<IP>)** OpenSSH\_5.3p1, OpenSSL 1.0.0-fips 29 Mar 2010

debug1: Reading configuration data /etc/ssh/ssh\_config

debug1: Applying options for \*

debug1: Connecting to 170.63.125.43 [170.63.125.43] port 22.

debug1: Connection established.

debug1: permanently\_set\_uid: 0/0

debug1: identity file /root/.ssh/id\_rsa type -1

debug1: identity file /root/.ssh/id\_dsa type -1

debug1: Remote protocol version 2.0, remote software version OpenSSH\_5.3

debug1: match: OpenSSH\_5.3 pat OpenSSH\*

debug1: Enabling compatibility mode for protocol 2.0

debug1: Local version string SSH-2.0-OpenSSH\_5.3

debug1: SSH2\_MSG\_KEXINIT sent

debug1: SSH2\_MSG\_KEXINIT received

debug1: kex: server->client aes128-ctr hmac-md5 none

debug1: kex: client->server aes128-ctr hmac-md5 none

debug1: SSH2\_MSG\_KEX\_DH\_GEX\_REQUEST(1024<1024<8192) sent

debug1: expecting SSH2\_MSG\_KEX\_DH\_GEX\_GROUP

debug1: SSH2\_MSG\_KEX\_DH\_GEX\_INIT sent

debug1: expecting SSH2\_MSG\_KEX\_DH\_GEX\_REPLY The authenticity of host '170.63.125.43 (170.63.125.43)' can't be established.

RSA key fingerprint is 59:13:83:79:67:e0:8b:c0:0b:8d:55:f5:cd:17:f7:3c.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added '170.63.125.43' (RSA) to the list of known hosts.

debug1: ssh\_rsa\_verify: signature correct

debug1: SSH2\_MSG\_NEWKEYS sent

debug1: expecting SSH2\_MSG\_NEWKEYS

debug1: SSH2\_MSG\_NEWKEYS received

debug1: SSH2\_MSG\_SERVICE\_REQUEST sent

Write failed: Broken pipe