

Re: server xloads on my desktop

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2007-04/msg00030.html>

- *From:* "Davignon, Edward" <Edward.Davignon@xxxxxxxxxxxxxxxx>
 - *Date:* Tue, 24 Apr 2007 17:17:15 -0400
-

There is a slim chance that it is the "ForwardX11Trusted yes" in sshd_config, but I might also try comparing the results of the following commands:

```
ssh -v -v -X aixserver /usr/bin/X11/xload
```

```
"ssh -v -v -X linuxserver /usr/bin/X11/xload"
```

```
ssh -X aixserver /usr/bin/cat $HOME/.ssh/config
```

```
ssh -X linuxserver /usr/bin/cat $HOME/.ssh/config
```

```
ssh -X aixserver /usr/bin/env | sort
```

```
ssh -X aixserver /usr/bin/env | grep DISPLAY
```

```
ssh -X linuxserver /usr/bin/env | sort
```

```
ssh -X linuxserver /usr/bin/env | grep DISPLAY
```

```
ssh -X aixserver /usr/bin/truss /usr/bin/X11/xload
```

```
"ssh -X linuxserver /usr/bin/strace /usr/bin/X11/xload" or "ssh -X  
linuxserver /usr/bin/ltrace /usr/bin/X11/xload"
```

Some versions of ssh allow a -Y instead of -X to request "trusted X11 connection forwarding."

Edward.Davignon@xxxxxxxxxxxxxxxx
Lead Analyst – Distributed Systems
Utility Shared Services – IT
Energy East Corporation
Office Phone: (585) 771-4952

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxxx>] On Behalf Of

Re: server xloads on my desktop

Mark Schlechte
Sent: Tuesday, April 24, 2007 4:57 PM
To: aix-l@xxxxxxxxxxxxxxxxx
Subject: Re: server xloads on my desktop

My .profile used to have a script to try and set the DISPLAY variable so I removed that.

(I've recently changed from ksh to bash and had that reflected in my .bashrc file also).

My sshd_config files are pretty much generic. If I look for something similar to what you suggest I see.

Aix server sshd_config:

(Most everything is commented out including)

```
# GSSAPI options
#GSSAPIAuthentication no
#GSSAPICleanupCredentials yes
```

```
# Set this to 'yes' to enable PAM authentication (via
challenge-response)
# and session processing. Depending on your PAM configuration, this may
# bypass the setting of 'PasswordAuthentication' and
'PermitEmptyPasswords'
#UsePAM no
```

```
#AllowTcpForwarding yes
#GatewayPorts no
#X11Forwarding no
#X11DisplayOffset 10
#X11UseLocalhost yes
#PrintMotd yes
#PrintLastLog yes
#TCPKeepAlive yes
#UseLogin no
#UsePrivilegeSeparation yes
#PermitUserEnvironment no
#Compression yes
```

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RedHat server sshd_config file:

```
# Host *
# ForwardAgent no
# ForwardX11 no
# RhostsRSAAuthentication no
# RSAAuthentication yes
# PasswordAuthentication yes
# HostbasedAuthentication no
# BatchMode no
# CheckHostIP yes
# AddressFamily any
# ConnectTimeout 0
# StrictHostKeyChecking ask
# IdentityFile ~/.ssh/identity
# IdentityFile ~/.ssh/id_rsa
# IdentityFile ~/.ssh/id_dsa
# Port 22
# Protocol 2,1
# Cipher 3des
# Ciphers
aes128-cbc,3des-cbc,blowfish-cbc,cast128-cbc,arcfour,aes192-cbc,aes256-c
bc
# EscapeChar ~
Host *
GSSAPIAuthentication yes
# If this option is set to yes then the remote X11 clients will have
full access
# to the local X11 display. As virtually no X11 client supports the
untrusted
# mode correctly we set this to yes.
ForwardX11Trusted yes
```

```
Aix Server > ssh -V
OpenSSH_3.8p1, SSH protocols 1.5/2.0, OpenSSL 0.9.6l 04 Nov 2003
```

```
Red Hat server > ssh -V
OpenSSH_3.9p1, OpenSSL 0.9.7a Feb 19 2003
```

"Davignon, Edward"
<Edward.Davignon@xxxxxxxxxxxxxxxx> 24/Apr/2007

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2:00:40 pm >>>

Is there something in your .profile or \$ENV (usually .kshrc or .env) that might be overriding the DISPLAY environment variable?

Is your sshdconfig file set to allow X11 port forwarding?

Edward.Davignon@xxxxxxxxxxxxxxxx
Lead Analyst – Distributed Systems
Utility Shared Services – IT
Energy East Corporation

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxxx>] On Behalf Of Mark Schlechte
Sent: Tuesday, April 24, 2007 12:37 PM
To: aix-l@xxxxxxxxxxxxxxxx
Subject: server xloads on my desktop

Is anybody else sending Aix server xloads to their desktop for an overview of the servers?

I was doing this using open Suse 10.1 on my desktop and if I recall I found I had to do some tuning to make it all work (get rid of nolisten tcp option).

Some of that was since I was originally using rsh commands and exporting my display.

Then I started using ssh -X servername which seemed to work as well with less 'tuning' done on my desktop.

Unfortunately I didn't do a good job of documenting my changes before I ended up having to re-install my OS on my pc.

I went with Novell's SLED since we are a Novell customer and I thought it would be a good test as we may use it.

The real question is how come I can run 'ssh -X linuxserver /usr/bin/X11/xload' and have it pop up on my desktop.

While 'ssh -X aixserver /usr/bin/X11/xload' doesn't work. Executable exists, etc.

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I don't think the desktop OS has anything to do with it but I did disable my firewall for now.

Any suggestions?

Mark

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