

Re: server xloads on my desktop

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Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2007-04/msg00031.html>

- *From:* Mark Schlechte <mschlechte@xxxxxxxxxx>
 - *Date:* Tue, 24 Apr 2007 15:28:56 -0600
-

ok. thanks for the feedback. I'll do my homework and let you know it turns out.

"Davignon, Edward"
<Edward.Davignon@xxxxxxxxxxxxxxxx> 24/Apr/2007
3:17:15 pm >>>

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/configssh -X linuxserver /usr/bin/cat \$HOME/.ssh/configssh -X aixserver /usr/bin/env | sortssh -X aixserver /usr/bin/env | grep DISPLAYssh -X linuxserver /usr/bin/env | sortssh -X linuxserver /usr/bin/env | grep DISPLAYssh -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
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From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxxx>] On Behalf Of Mark Schlechte
Sent: Tuesday, April 24, 2007 4:57 PM
To: aix-l@xxxxxxxxxxxxxxxx
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'
```

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```
#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
```

```
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-cbc
```

```
# 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
```

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"Davignon, Edward"

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

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.

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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