

X11 Forwarding for AIX Using Putty

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1 Information

This document will help with Remote X11 Forwarding of AIX using Putty

Useful links:

- Remote X11 Windows to AIX
<https://www.ibm.com/developerworks/community/blogs/paixperiences/entry/remotex11aix?lang=en>

This document is not written or supported by IBM Support

Name	Date	Version	Description
Loc Dang	Feb 14,2016	V1	Display the AIX environment using X11 through Putty

2 X Windows Server (xming)

I used xming as my xwindow server. You can use other xwindows server

1. Install Xming. Use the default steps
2. Start Xming. You will see the Xming icon  on the bottom right of your system

3 X11 Forwarding on AIX Server

3.1 Check X11 Forwarding

1. Login to the AIX server as root
2. Run the following command to check if X11 Forwarding is set to yes

```
$ grep X11Forwarding /etc/ssh/sshd_config
```

OUTPUT: if not set

```
$ grep X11Forwarding /etc/ssh/sshd_config
#X11Forwarding no
#           X11Forwarding no
```

OUTPUT: if set

```
$ grep X11Forwarding /etc/ssh/sshd_config
X11Forwarding yes
```

3.2 Set X11 Forwarding

If X11 forwarding is not set then follow the following steps.

1. Login to the AIX Server as root
2. Run the following command to backup the sshd_config file

```
$ cp /etc/ssh/sshd_config /etc/ssh/sshd_config.bkup
```

3. Open the sshd_config file with an editor

```
$ vi /etc/ssh/sshd_config
```

4. Set the X11Forwarding from no to yes

Before:

```
#X11Forwarding no
#X11DisplayOffset 10
#X11UseLocalhost yes
```

After:

```
X11Forwarding yes
X11DisplayOffset 10
X11UseLocalhost yes
```

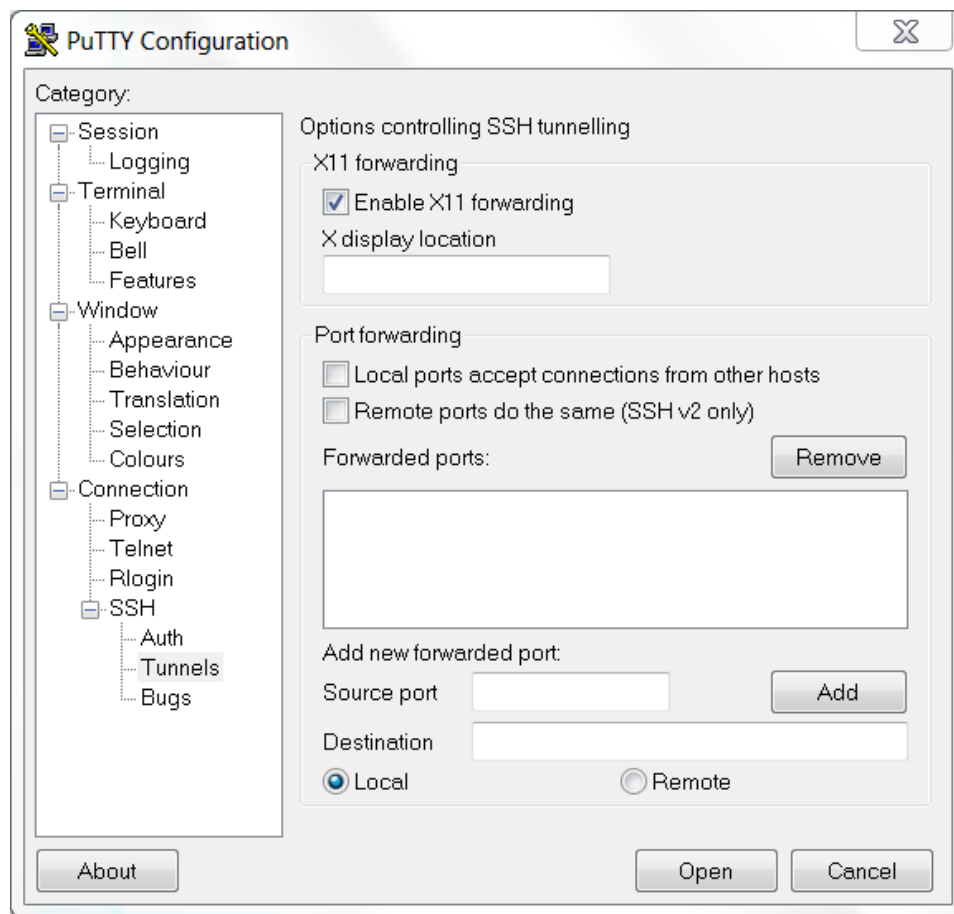
5. Save sshd_config

6. Run the following command to restart the sshd_config

```
$ stopsrc -s sshd; sleep 2; startsrc -s sshd
```

4 Putty Setting

1. Start Putty



2. On the Category list, navigate to Connection > SSH > Tunnels

3. Under X11 forwarding, check “Enable X11 forwarding”

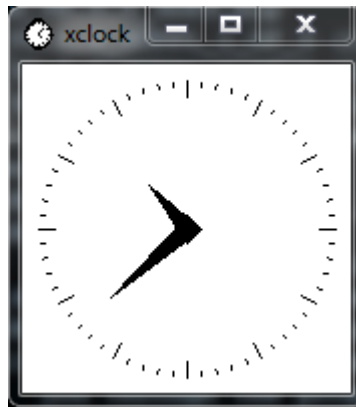
4. Click Session

5. Fill in the information needed to connect to the AIX server

- a. Hostname
- b. Port: 22
- c. Protocol: SSH

6. Click open

5 Validation



1. After logging into the AIX server run xclock
\$ xclock