Configuring and Connecting to a XEN DomU VNC based Virtual Console

Pre Requisites:

* A working Dom0
* a Xen domU configured/booted using the Xen text based console
* X11 Forwarding enabled
* Xauth and vnc packages installed
* Ssh (X11 Forwarding) connection

To configure VNC Access to a XEN DomU ensure the following line exists in the configuration file:

<graphics type='vnc' port='-1'/>

to check and make sure the xen dom0 is running a vnc console for the target domu:

ps auxwww |grep vnc

and look for the appropriate display or port numbers. i.e. 5900 or 0/1 etc.

to connect to a specified domu, locate the display number you wish to connect to , then:

(In Putty, you must enable X11 Forwarding, and then open the connection to the dom0)

ssh –X <username>@<targetdom0>

echo $DISPLAY and ensure the variable is set

start a vncviewer: sudo /usr/bin/vncviewer localhost:<display>

example 1: pl1rvm700-beta.media.edmunds.com

Last login: Wed Sep 30 11:30:00 on ttys000

yuna:~ Kris$ ssh -X 10.96.126.150 -l kjensen

\* \* \* \* \* \* \* \* \* \* \* \* W A R N I N G \* \* \* \* \* \* \* \* \* \* \* \* \*

THIS SYSTEM IS RESTRICTED TO AUTHORIZED USERS FOR AUTHORIZED USE

ONLY. UNAUTHORIZED ACCESS IS STRICTLY PROHIBITED AND MAY BE

PUNISHABLE UNDER THE COMPUTER FRAUD AND ABUSE ACT OF 1986 OR

OTHER APPLICABLE LAWS. IF NOT AUTHORIZED TO ACCESS THIS SYSTEM,

DISCONNECT NOW. BY CONTINUING, YOU CONSENT TO YOUR KEYSTROKES

AND DATA CONTENT BEING MONITORED. ALL PERSONS ARE HEREBY

NOTIFIED THAT THE USE OF THIS SYSTEM CONSTITUTES CONSENT TO

MONITORING AND AUDITING.

\* \* \* \* \* \* \* \* \* \* \* \* W A R N I N G \* \* \* \* \* \* \* \* \* \* \* \* \*

kjensen@10.96.126.150's password:

Last login: Wed Sep 30 11:30:10 2009 from 10.32.33.3

Provisioned by BladeLogic on 2009-06-17

[kjensen@pl1rvm700-beta ~]$ echo $DISPLAY

localhost:10.0

[kjensen@pl1rvm700-beta ~]$ sudo vncviewer localhost:5900

VNC Viewer Free Edition 4.1.2 for X - built Jan 15 2007 10:33:11

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See http://www.realvnc.com for information on VNC.

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CConn: connected to host localhost port 5900

CConnection: Server supports RFB protocol version 3.8

CConnection: Using RFB protocol version 3.8

TXImage: Using default colormap and visual, TrueColor, depth 24.

CConn: Using pixel format depth 6 (8bpp) rgb222

CConn: Using ZRLE encoding

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CConn: Throughput 20000 kbit/s - changing to hextile encoding

CConn: Throughput 20000 kbit/s - changing to full colour

CConn: Using pixel format depth 24 (32bpp) little-endian rgb888

CConn: Using hextile encoding

You should now have a new window on your X11 local host displaying a console of the target domU.