

VNC + Boot w/o keyboard, video & mouse

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A bit of background:

I have several customer located servers (database, print, intranet etc) located at customer sites. For security purposes & so the customer employees don't mess with them these machines do not have any keyboards, video, or mice attached to them. To access the machines I VNC across a secure VPN (both remotely and locally when on site). They are currently running Windows, but I am in the process of converting them over to linux.

In order to make the conversion to linux (Ubuntu) I've been testing a couple of machines locally & have found that I cannot boot 6.061 without an attached keyboard or mouse. I can of course boot with a keyboard & mouse attached and then disconnect them. But that defeats the purpose of being able to keep the systems isolated from curious hands.

On the Windows machines if I do an update, I can reboot the machines remotely via VNC & have them come back up in the proper configuration. I cannot do this in 6.061.

I have figured out how to overcome the problem of the 640x480 60hz video screen default when no video monitor is attached[1], and now wonder if anyone has any suggestions for doing the same with no keyboard & mouse.

Suggestions?

[1] This problem drove me crazy; the system would reboot without the monitor, but **always** came up in the 640x480 60hz. I finally solved it by manually adding the HorizSync & VertRefresh settings for the monitor in xorg.conf. Example:

```
Section "Monitor"
Identifier "MegaImage 17"
Option "DPMS"
HorizSync 28-64
VertRefresh 43-100
EndSection
```

Without the HorizSync & VertRefresh settings, the systems always booted

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to the default when the monitor was not attached. They now pop right into the proper resolution.

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