

## Additional Package Installation for z/Linux Execution on a Windows Host

There are four additional packages you will need to install to support the installation and execution of any zLinux package. You will need some way to communicate with zLinux since it doesn't really handle the system console too well. We have found that the Xming Portable PuTTY SSH client works well for command line operation and the companion Xming X-Windows Server is an excellent X-Windows solution (especially during the actual zLinux installation). In order for the emulated network interface communicate with the "outside world" you need a tunneling adaptor that can link the emulated network interface with one of the real network interfaces on the supporting hardware. The WinPcap package from Cace Technologies handles this function perfectly.

Finally, the real hardware does not have direct access to a DVD or CDROM for installation. The installation media is normally accessed through an NFS or an FTP server. We have found that the Filezilla FTP Server works well with all of the versions of Windows that we intend to support. Download all four of these packages to a directory on your host system.

The installation sequences for each of these packages are as follows:

### *Xming-Portable PuTTY*

1. Move to the directory where you have downloaded the four packages.
2. Start the installation of the Portable PuTTY package by double clicking the file name (**Xming-Portable-PuTTY-7...**)
3. Click "**Next**" on the first screen.
4. Click "**Next**" to accept the file locations.
5. Click "**Next**" to accept the name for the menu.
6. Select "**Create a desktop icon for PuTTY**", this also selects "For all users"
7. Click "**Next**" to continue.
8. Click "**Install**" to accept the installation settings and install the program.
9. Deselect "**View Readme**" and click "**Finish**" to complete the installation.
10. To configure Portable PuTTY double click the icon on the desktop.
11. Enter the address that you will give the SLES GUEST operating system in the Hostname field.
12. Enter a name (like Hercules) for the settings combination in the Saved Settings field.
13. Click "**Data**" under the connection setting in the left hand column.
14. Enter "**root**" in the Auto-login username field. Make sure "root" is all in lower case.
15. Click on the "+" sign next to SSH in the left hand column to expand the settings menu.
16. Click on "**X11**" in the section under SSH.
17. Select "**Enable X11 Forwarding**". Leave the X display location blank. Since it is part of the Xming suite, Portable PuTTY has a default configuration that matches the Xming Server.
18. Go back to the top of the left hand column and select "**Session**".
19. Click "**Save**" to save the settings under the name you entered in the Saved Sessions box.
20. Portable PuTTY is ready for use.

### *Xming XWindow Server*

1. Start the installation by double clicking "**Xming-6-9....**"
2. Click "**Next**" on the first window.
3. Click "**Next**" to accept the file locations.
4. Select "**Use Portable PuTTY**" then click "**Next**" to continue. (Very important!!)
5. Click "**Next**" to accept the program menu name.
6. Select "**Create a desktop icon for Xming**" and select "**Create a desktop icon for XLaunch**" then click "**Next**" to continue.
7. Click "**Install**" to accept the installation configuration.
8. Click "**Finish**" to complete the installation. Note that Xming will be launched after the installation. **It will not launch automatically if you reboot the host system.** If you are in doubt whether you have the server running, look in the icon tray at the right hand side of the bottom of the window. You should see the Xming icon. If not, launch the server through the desktop icon.

### *FileZilla FTP Server*

1. Double click the file name **FileZilla\_Server-0...** to start the installation.
2. Click "**I agree**" to accept the license.
3. Click "**Next**" to accept the standard installation configuration.
4. Click "**Next**" to accept the file system locations.
5. Click "**Next**" to install as a Windows service started on boot. Don't change any other settings.
6. Click "**Install**" to accept the default startup settings and install the program.
7. Click "**Close**" to end the installation. You will be presented with a Connect to server window. Click "**OK**" to connect.
8. On the top command bar, click on the user icon (fourth one from the left). It should bring up the "Users" window.
9. On the right side of the window click on "**Add**" to add a new user.
10. In the resulting Add User Account enter "**Anonymous**" as the user account name. Click "**OK**" to continue.
11. Click "**Shared folders**" in the Page frame. This brings up a list of the folders that the server will make available for that user.
12. Click on "**Add**" then browse to your DVD drive. Click on "**OK**" to select it. (The DVD doesn't need to be in the drive at the moment.)
13. Click "**OK**" in the lower left hand corner to exit and minimize the FTP window. It will shrink to an icon in the lower right hand tray.

### *WinPcap Installation*

1. Double click on the file name: "**WinPcap\_4...**" to start the installation.
2. Click "**Next**" on the first screen to continue.
3. Click "**Next**" to start the installation wizard.
4. Click "**I agree**" to accept the license.
5. Click "**Finish**" to exit the installation. WinPcap will run as a service any time Windows is booted.