Installation of AlphaServer Management Station V5.2.0 on Red Hat Enterprise Linux V4 Workstation
© 2008 Hewlett-Packard Development Company, L.P.

HP shall not be liable for technical or editorial errors or omissions contained herein, nor for incidental or consequential damages resulting from furnishing, performance, or use of this material. This is provided "as is" and HP disclaims any warranties, express, implied or statutory and expressly disclaims the implied warranties of merchantability, fitness for particular purpose, good title and against infringement.

COMPAQ, the Compaq logo, DEC, the DEC logo, DECPC, ALPHAbook, AlphaPC, AlphaStation, AlphaServer, and VMS Registered in the U.S. Patent and Trademark Office. OpenVMS, Tru64 are trademarks of Compaq
Information Technologies Group, L.P. in the United States and/or other
countries. UNIX is a trademark of The Open Group in the United States and/or
other countries. All other product names mentioned herein may be trademarks or
registered trademarks of their respective companies. Compaq Computer
Corporation is a wholly-owned subsidiary of the Hewlett-Packard Company.
The information in this publication is subject to change without notice.
1 Overview

This procedure will enable you to install the Alpha Management Station on RHEL V4 Workstation. Please follow the instructions carefully and note the caveats before starting the installation.

1.1 Before You Begin - Caveats

- AMS 5.2 on RHEL V4 Workstation and Java V6.0 (aka V1.6) are still under test and not officially supported by Hewlett Packard.
- Use only RHEL V4 Workstation with Java V6.0. Other RHEL versions may not install the correct components.
- Send feedback or problems to Kenneth.Hamilton@hp.com or to the firmware feedback page.

2 Installation Procedure

2.1 Install Red Hat Enterprise Linux V4 Workstation

During installation of RHEL4 V4 Workstation, accept the default settings except for the following:

- Firewall Configuration screen
  - choose No firewall
  - set "Enable SELinux?" to Disabled
- Install the standard option packages, not the custom packages.

2.2 Install Package compat-libstdc++-296 on Fedora Core 4 - FC4 CD#3

This package can be found on Fedora Core 4 CD Number 3.

Example Installation:

```bash
# mkdir /mnt/fc4cd3
# mount -o loop -t iso9660 /dev/cdrom /mnt/fc4cd3
# rpm -i /mnt/fc4cd3/Fedora/RPMS/compat-libstdc++-296-2.96-132.fc4.i386.rpm
# umount /mnt/fc4cd3
# exit
```

2.3 Install Package tcl-devel

This package can be found on Fedora Core 4 CD Number 3.

Example Installation:

```bash
# mkdir /mnt/fc4cd4
# mount -o loop -t iso9660 /dev/cdrom /mnt/fc4cd4
# rpm -i /mnt/fc4cd4/Fedora/RPMS/tcl-devel-8.4.7-2.i386.rpm
# umount /mnt/fc4cd4
# exit
```
2.4 Install Java 6.0

This is the installation example to the "self-extracting binary file j2re-6u3-linux-i586.bin to the /usr/java directory then install Java. The binary is available from this web site.

    # cp /mnt/java/j2re-6u3-linux-i586.bin /usr/java
    # chmod +x j2re-6u3-linux-i586.bin
    # ./j2re-6u3-linux-i586.bin

3 Install AMS 5.2 Procedure

<table>
<thead>
<tr>
<th>Step</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uncompress AMS package:</td>
<td># tar xf AMS5.2.0-linux.tar</td>
</tr>
<tr>
<td>Install EVM package</td>
<td># rpm -i EVM-5.0.0-1.0.i386.rpm</td>
</tr>
<tr>
<td>Define &quot;suitjd&quot; daemon port and restart xinetd daemon. The EVM Events Viewer requires the &quot;suitjd&quot; daemon to be running.</td>
<td># echo &quot;suitjd 3354/tcp&quot; &gt;&gt; /etc/services # /etc/rc.d/init.d/xinetd reload</td>
</tr>
<tr>
<td>Start EVM daemon</td>
<td># /etc/init.d/evm start</td>
</tr>
<tr>
<td>Install SysMan Toolkit package</td>
<td># rpm -i SUIT-5.0.0-1.0.i386.rpm</td>
</tr>
<tr>
<td>Define the location of the Jave JRE</td>
<td># echo &quot;JAVA_HOME=/usr/java/j2re1.6.0_03&quot; &gt;&gt; /etc/sysconfig/ams</td>
</tr>
<tr>
<td>Enable root login in AMS. Note: Add desired AMS users to the &quot;amsuser&quot; group</td>
<td># echo &quot;ams&quot; &gt;&gt; /etc/securetty</td>
</tr>
<tr>
<td>Start SysMan authentication server</td>
<td># /etc/init.d/smauth start</td>
</tr>
<tr>
<td>Install AMS</td>
<td># rpm -i AMS-5.2.0-1.0.i386.rpm</td>
</tr>
<tr>
<td>Start CMFD daemon</td>
<td># /etc/init.d/cmfld start</td>
</tr>
<tr>
<td>Start Tomcat Web Application server</td>
<td># /etc/init.d/amstomcat start</td>
</tr>
<tr>
<td>Run SPM Client as an application</td>
<td># spm &amp;</td>
</tr>
</tbody>
</table>

End of Procedure

End of Installation procedures.