

AlphaServer Management Station

Installing AMU on an OpenVMS System

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Product Version: AlphaServer Management Station *Version 5.2*

This document describes how to install the AlphaServer Management Utility (AMU) software on an OpenVMS system from a file downloaded from the Web.

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Installing AMU on an OpenVMS System

This document describes how to install the AlphaServer Management Utility (AMU) software on an OpenVMS system from a file downloaded from the Web.

Because Open VMS cannot read the AMS iso image, you cannot install the AMU kit from the AMS CD-ROM. Instead, you can download the AMU kit from the following AMS Web site or you can use another operating system to copy the kit on the local disk and then transfer it to your Open VMS computer:

`ftp://ftp.digital.com/pub/Digital/Alpha/firmware/interim/ams/index.html`

1.1 Hardware and Software Requirements

Before you begin the installation, make sure that your hardware and software meet the following minimum requirements:

Hardware Requirements

- Any AlphaServer Management Station platform or workstation
- 512 MB of RAM
- A network interface card
- 4 GB of free disk space
- Depending upon the existing configuration of the platform, you may need a separate computer (a desktop or laptop) to connect to and configure the Network Address Translation (NAT) box included with the AlphaServer ES47, ES80, and GS1280 platform box so the AMS can communicate with the platform. See the installation instructions that came with your AlphaServer for specific information.

Software Requirements

- OpenVMS 7.3-1 or higher
- Mozilla (CSWB) 1.0
- Java SDK (JAVA142) 1.4.2-5
- Apache Server (CSWS) 1.3
- Tomcat Server (CSWS_JAVA) 2.0

Note that Tomcat Server 2.1 is not supported.

Software Needed to Access Remotely

To access the AMS remotely from a PC, it must include the following software:

- One of the following browsers:
 - Netscape 4.76 or higher
 - Microsoft Internet Explorer 5.5 or higher
- Sun's Java JRE and Java Plug-In 1.4.2_*

1.2 Installing the AMU Software

The following steps describe the AMU installation process:

1. Download the PCSI file containing the AMU kit from the Web and copy it into the SOURCE directory.
2. Log in as system.
3. Enter the following command:

```
$ product install AMU /SOURCE=src-device:[src-dir-name] -  
_ $ /DEST=dst-device:[000000]
```

The product install parameters are as follows:

- */SOURCE* — the directory in which the AMU PCSI kit resides. For example:

```
/SOURCE= sys$sysdevice:[temp]
```

- */DESTINATION* — the same parameter used when installing Tomcat , for example:

```
/DEST=sys$sysdevice:[000000]
```

Notes

The following information is important to know when installing the Apache and Tomcat servers:

- The AMU Web Application requires the SYSTEM account to run the Jakarta/Tomcat engine. This is the default account when installing the Tomcat Server (CSWS_JAVA). Do not change the SYSTEM account.

(Although the *CSWS_JAVA Installation Guide and Release Notes* suggests changing the SYSTEM account to apache\$www, doing so will cause problems running the Jakarta/Tomcat engine.)

- The default values for limits and quotas for the Apache Server (CSWS) are inadequate for running AMS. We recommend that you increase the values to those suggested in the “Performance Considerations” section of the *hp OpenVMS systems secure web server (based on apache)*, which you can find on the Web at the following site:

```
http://h71000.www7.hp.com/openvms/products/ips/apache/csws\_install\_20.html
```

4. In order to use Java 1.4.2 with Tomcat you need to define a logical name as follows:

```
$ define /system apache$jakarta_jdk_setup sys$common:[java$142.com]java$142_setup.com
```

5. Start the Tomcat server:

```
$ @sys$startup:apache$jakarta_startup
```

6. Access the AMU Web application. For example:

```
http://amuhost:8080/mpmu/index.html
```

To configure platforms to be managed by the AMU, invoke the Visual Editor from the AMU File menu. See the AMU chapter of the *AlphaServer Management Station User's Guide* or the AMU online Help for details.