

## LDAP: installation

Written by Greg King  
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**DISCLAIMER** : This document is nothing more than the musings of the author as he attempts

In this documentation, **green** outputs will be presented. Where keyboard inputs **#** are required, the prompt will be **root**.

```
# ls -al
```

means you should type `ls -al` at the super user prompt.

The software described in this section is available from the OBTAINING SOFTWARE section of this website.

Unzip the `ofm_odsee_pkg_sun_sparc_11.1.1.5.0_64_disk1_1of1.zip` file to `/var/tmp` also mount your Solaris 10 product DVD to `/mnt`

If you installed a jumpstart server, your Solaris 10 product is already on your hard drive at `/jumpstart/sparc/Solaris_10/Product`

There are quite a few pre-requisites for the LDAP software. Check if the following packages are installed with `# pkginfo <PACKAGE>`

`SUNWsasl` `SUNWcacaort` `SUNWj6rtx` `SUNWj6rt`

`SUNWjdmk-runtime` `SUNWjdmk-runtime-jm` `SUNWldapcsdk-libs` `SUNWprd`

`SUNWtisd` `SUNWhea` `SUNWldapcsdk-dev` `SUNWldapcsdk-tools`

`SUNWljdk` `SUNWjaf`

These packages are needed for APACHE

`SUNWaclg` `SUNWapch2r` `SUNWapch2d` `SUNWapchr`

`SUNWapchu` `SUNWapchd` `SUNWapch2u`

JDK 1.4 needs `SUNWj3rt` and `SUNWj3dev` and Tomcat needs `SUNWtcatr` and `SUNWtca`  
**tu**

Only execute the package installations you need.

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```
pkgadd -d /var/tmp/ODSEE_PKG_Distribution/SunOS5.10 SUNWsasl
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWcacaort
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWj6rt
```

```
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWj6rtx
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWjdmk-runtime
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWjdmk-runtime-jmx
```

```
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWldapcsdk-libs
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWldapcsdk-dev
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWldapcsdk-tools
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWljdk
```

```
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWmfwk-rt ignore the warning about the 5
missing packages
pkgadd -d /var/tmp/ODSEE_PKG_Distribution SUNWmfwk-rt
```

The remaining packages mentioned in the tables above are available from the SOLARIS 10 DVD product directory.

```
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWaclg
```

Apache is not needed for LDAP, but tomcat is. You can optionally skip the apache installation. If you install Apache, you only need v2 (recommended) or v1, not both!

```
----- this installs apache v2 product (optional)
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapch2r
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapch2u
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapch2u
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapch2d
```

```
--- this installs apache v1 product (optional)
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapchr
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapchu
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWapchd
```

```
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWj3rt
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWj3dev
```

```
--- this installs tomcat, needed for web gui
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWtcatr
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWtcatu
```

```
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWj6dvx
pkgadd -d /jumpstart/sparc/Solaris10/product SUNWj6dmx
```

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### PATCHES

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To see if you have a patch, use the `showrev -p` function and `grep` on the patch name (not revision)

If you get a response, you have the patch in question, if not, you need to install it. I will provide the patch ID's you need, and the location if you don't have it. Note that the patches have revision numbers associated with them, 119345-xx where xx is the revision, so if the `patchadd` can't find the patch, verify the version number in your directory. Don't worry about attempts to install a patch you already have, or attempting to install an older version. The `patchadd` software will handle the request appropriately.

```
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/SunOS5.10/119345-08
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/SunOS5.10/119213-25
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/125358-13
```

```
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/SunOS5.10/119810-05
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/125136-23
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/125137-23
```

```
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/119044-03
# /usr/sbin/cacaoadm stop
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/123893-25
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/125444-13
```

```
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/136798-05
patchadd /var/tmp/ODSEE_PKG_Distribution/patches/119725-06
```

whew!

Now lets install the actual software!

```
# cd /var/tmp/ODSEE_PKG_Distribution
pkgadd -d . SUNWdsee7
pkgadd -d . SUNWdsee7-var
pkgadd -d . SUNWdsee7-man
```

The following needs to be in the superuser's path to install and maintain the LDAP system.

edit `/etc/profile` and add the following lines.

```
PATH=/opt/SUNWdsee7/bin:$PATH:/opt/SUNWdsee/dsee6/bin
```

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```
export PATH
```

```
MANPATH=/usr/man:/OPT/SUNWdsee7/man:$MANPATH  
export MANPATH
```

```
JAVA_HOME=/usr/jdk/latest  
export JAVA_HOME
```

save the file and reboot

installation is complete.

it is a good idea to create a flar image of the system with everything installed (after cleaning up /var/tmp).