



Operating System Requirements for the Sun Platform

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Operating System Requirements

This chapter provides operating system requirements for installing Ex Libris applications on the Sun Solaris operating system.

This section includes:

- **Operating System** on page 5
- **Operating System Packages** on page 6
- **Required Executable Files** on page 8
- **Native C Compiler** on page 8
- **Additional Software** on page 8
- **Windows Manager** on page 8

Operating System

Solaris 2.9, also referred to as Solaris 9, and Solaris 2.10, also referred to as Solaris 10.

Supported architecture: 64 bits x86 processors and SPARC processors.

For each of the following operating system versions, Ex Libris recommends that you install the latest OS patch cluster recommended for this operating system. This patch cluster is available under **Recommended and Security Patches** at <http://sunsolve.sun.com/pub-cgi/show.pl?target=patchpage> web site.

The following table shows the current OS version certifications for each Ex Libris application.

Table 1. OS Version Certifications for Ex Libris Applications

Application	Solaris 8 SPARC	Solaris 9 SPARC	Solaris 10 SPARC	Solaris 10 x86 64
ALEPH 20.x		x	x	
ARC 2.0		x	x	

Table 1. OS Version Certifications for Ex Libris Applications

Application	Solaris 8 SPARC	Solaris 9 SPARC	Solaris 10 SPARC	Solaris 10 x86 64
DigiTool 3.x		x	x	
MetaLib 4.x	x	x	x	
Primo 2.x				x
Primo 3.x				x
Rosetta 2.x				x
SFX 3.0		x	x	x
SFX 4.0		x	x	x
Verde 2.0		x	x	
Voyager 7.2.x		x	x	
Voyager 8			x	

Operating System Packages

The following operating system packages must be installed:

SUNWarc,
 SUNWbtool,
 SUNWhea,
 SUNWlibm,
 SUNWlibms,
 SUNWmfrun,
 SUNWsprot,
 SUNWsprox (Not applicable to Solaris 10),
 SUNWtoo,
 SUNWxwfont,
 SUNWi1cs,
 SUNWi15cs,
 SUNWi1of,
 SUNWxcu4,
 SUNWuiu8 and SUNWulcf

Solaris 9 Required Patches

112233-11
111722-04
115675-01
113471-08
115675-01
112760-05
112963-25

Solaris 10 SPARC Required Packages (Oracle 10.2 and 11.1)

SUNWgcc
SUNWgccruntime
SUNWbinutils

Solaris 10 SPARC Required Packages (Oracle 11.2)

The following packages are required for Solaris 10 (64 bit) update 6 and later updates when installing Oracle 11.2 with Primo 3.x, Rosetta 2, URM 1, or Voyager 8:

SUNWarc
SUNWbtool
SUNWhea
SUNWlibC
SUNWlibm
SUNWlibms
SUNWsprot
SUNWtoo
SUNWi1of
SUNWi1cs (ISO8859-1)
SUNWi15cs (ISO8859-15)
SUNWxwfont
SUNWcsl

119963-14 or later (SunOS 5.10: Shared library patch for C++)
120753-06 or later (SunOS 5.10: Microtasking libraries (libmtsk) patch)
139574-03 or later (SunOS 5.10)
124861-15 or later (SunOS 5.10 Compiler Common patch for Sun C C++)

Solaris 10 x86_64 Required Patches

118345-03
119961-01

Required Executable Files

The following executable files must be present in the `/usr/ccs/bin` directory :
`make`, `ar`, `ld`, `nm`.

Native C Compiler

Requires Sun Studio C/C++ Compiler Collection version 11 or later. Ex Libris recommends that you install the latest version of these compiling environments.

Additional Software

`tcsh` SHELL (package `SFWtcsh`)

`top` processes (package `SFWtop`)

`bash` SHELL (package `SUNWbash`)

Windows Manager

The installation of the Oracle Server online install modes requires X-Windows. Use any Sun-supported X-Windows server. For example: `dtwm`.

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Performing a System Requirements Verification

The commands listed in this chapter are intended to help you perform the necessary system requirements verification. Depending on the test results, the Installation Team can determine whether the system is ready for an installation of the application.

This section includes:

- **Operating System Information** on page 9
- **Determining RAM** on page 9
- **Determining Swap Space** on page 10
- **Determining System Executable Files** on page 10
- **Determining Configured Disk Space** on page 10

Operating System Information

To determine your current operating system information, enter the following command:

```
/bin/uname -a
```

Determining RAM

To determine the amount of random-access memory (RAM) installed on your system, enter the following command:

```
/usr/sbin/prtconf | grep size
```

Determining Swap Space

To determine the bytes of swap space currently configured on your system, enter the following command:

```
/usr/sbin/swap -a
```

Determining System Executable Files

To determine whether you are using the correct system executable files, enter the following command:

```
/usr/bin/which make
```

Determining Configured Disk Space

To determine how much disk space is currently configured on your system, enter the following command:

```
/bin/df -k
```

Determining the Root User's PATH Setting

To determine that the C compiler executable file is included in the PATH setting of the root user, as user `root`, enter the following command:

```
/usr/bin/which cc
```

The SPARCworks C compiler executable file is usually located in:

```
/opt/SUNWspro/bin
```