

Summary – Installing packages inside a zone

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- *From:* "Monappallil, George" <george.monappallil@xxxxxxxxx>
 - *Date:* Thu, 18 Oct 2007 13:53:59 -0400
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My non-global zone was a sparse root zone and hence I wasn't able to install packages in the /usr directory.
Thanks to all who pointed me to this and also some links that were certainly helpful.

However, I tried to install the package in the global zone hoping that the non-global zone would inherit the files installed under /usr. But I get almost similar errors. See below.

```
# pkgadd -d ./zlib-1.2.3-sol10-sparc-local
```

The following packages are available:

```
1 SMCzlib zlib
(sparc) 1.2.3
```

```
Select package(s) you wish to process (or 'all' to process
all packages). (default: all) [?,??,q]:
```

```
## Verifying package <SMCzlib> dependencies in zone <zone-xxx>
```

```
Conflict checking issues for package <SMCzlib> on zones <zone-alpha,
zone-beta, zone-nagios>.
```

```
Do you want to continue with the installation of <SMCzlib> [y,n,?]
```

```
attribute change for /usr/local/bin <package> on SMCzlib <zone>
```

```
..
..
..
```

From: Monappallil, George
Sent: Wednesday, October 17, 2007 10:43 AM

Summary – Installing packages inside a zone

To: 'sunmanagers@xxxxxxxxxxxxxxxxx'
Subject: Installing packages inside a zone

Guys:

I see the following errors when installing packages inside a zone after logging into a zone and issuing the pkgadd command. For some reason the pkgadd command is looking at the files installed in the global zone and complaining about package conflicts. Also it complains about not able to create directory under /usr/local. Any ideas why

For example when installing the xpm package, I get the following error.

```
# pkgadd -d ./xpm-3.4k-sol10-sparc-local
```

The following packages are available:

```
1 SMCxpm xpm  
(sparc) 3.4k
```

Select package(s) you wish to process (or 'all' to process all packages). (default: all) [?,??,q]:

```
Processing package instance <SMCxpm> from  
</export/home/a140388/xpm-3.4k-sol10-sparc-local>
```

```
xpm(sparc) 3.4k
```

```
GROUPE BULL
```

```
Using </usr/local> as the package base directory.
```

```
## Processing package information.
```

```
## Processing system information.
```

```
## Verifying disk space requirements.
```

```
## Checking for conflicts with packages already installed.
```

The following files are already installed on the system and are being used by another package:

```
/usr/local/bin <attribute change only>
```

```
/usr/local/doc <attribute change only>
```

```
/usr/local/lib <attribute change only>
```

```
/usr/local/man <attribute change only>
```

```
/usr/local/man/man1 <attribute change only>
```

Do you want to install these conflicting files [y,n,?,q]

```
## Checking for setuid/setgid programs.
```

```
Installing xpm as <SMCxpm>
```

```
## Installing part 1 of 1.
```

```
pkgadd: ERROR: unable to create package object </usr/local/bin>.
```

```
unable to fix attributes
```

```
/usr/local/bin <attribute change only>
```

```
/usr/local/bin/cxpm
```

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```
pkgadd: ERROR: unable to open </usr/local/bin/cxpm> for writing: (30)
Read-only file system
/usr/local/bin/sxpm
pkgadd: ERROR: unable to open </usr/local/bin/sxpm> for writing: (30)
Read-only file system
pkgadd: ERROR: unable to create package object </usr/local/doc>.
unable to fix attributes
/usr/local/doc <attribute change only>
pkgadd: ERROR: unable to create package object </usr/local/doc/xpm>.
pathname does not exist
unable to create directory
/usr/local/doc/xpm/CHANGES
pkgadd: ERROR: unable to create directory </usr/local/doc/xpm>: (30)
Read-only file system
pkgadd: ERROR: unable to open </usr/local/doc/xpm/CHANGES> for writing:
(30) Read-only file system
/usr/local/doc/xpm/COPYRIGHT
..
..
..
..
*****
-g
```

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Sent: Wednesday, October 17, 2007 10:43 AM
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Guys:

I see the following errors when installing packages inside a zone after logging into a zone and issuing the pkgadd command. For some reason the pkgadd command is looking at the files installed in the global zone and complaining about package conflicts. Also it complains about not being able to create a directory under /usr/local. Any ideas why?

For example when installing the xpm package, I get the following error.

```
*****
```

```
# pkgadd -d ./xpm-3.4k-sol10-sparc-local
```

The following packages are available:

```
1 SMCxpm xpm
(sparc) 3.4k
```

Select package(s) you wish to process (or 'all' to process all packages). (default: all) [?,??,q]:

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Summary – Installing packages inside a zone

Processing package instance <SMCxpm> from
</export/home/a140388/xpm-3.4k-sol10-sparc-local>

xpm(sparc) 3.4k

GROUPE BULL

Using </usr/local> as the package base directory.

Processing package information.

Processing system information.

Verifying disk space requirements.

Checking for conflicts with packages already installed.

The following files are already installed on the system and are being
used by another package:

/usr/local/bin <attribute change only>

/usr/local/doc <attribute change only>

/usr/local/lib <attribute change only>

/usr/local/man <attribute change only>

/usr/local/man/man1 <attribute change only>

Do you want to install these conflicting files [y,n,?,q]

Checking for setuid/setgid programs.

Installing xpm as <SMCxpm>

Installing part 1 of 1.

pkgadd: ERROR: unable to create package object </usr/local/bin>.

unable to fix attributes

/usr/local/bin <attribute change only>

/usr/local/bin/cxpm

pkgadd: ERROR: unable to open </usr/local/bin/cxpm> for writing: (30)

Read-only file system

/usr/local/bin/sxpm

pkgadd: ERROR: unable to open </usr/local/bin/sxpm> for writing: (30)

Read-only file system

pkgadd: ERROR: unable to create package object </usr/local/doc>.

unable to fix attributes

/usr/local/doc <attribute change only>

pkgadd: ERROR: unable to create package object </usr/local/doc/xpm>.

pathname does not exist

unable to create directory

/usr/local/doc/xpm/CHANGES

pkgadd: ERROR: unable to create directory </usr/local/doc/xpm>: (30)

Read-only file system

pkgadd: ERROR: unable to open </usr/local/doc/xpm/CHANGES> for writing:

(30) Read-only file system

/usr/local/doc/xpm/COPYRIGHT

..

..

..

..

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sunmanagers mailing list

sunmanagers@xxxxxxxxxxxxxx

<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>