

Installing on Solaris

Contents

1. Open Files Limit
2. Download and Install
3. Next Steps?

The following steps have been tested to work with Riak version 1.3.1 on Solaris 10 i386. They demonstrate installation of a Riak node on Solaris as the root user.



Before installing Riak on Solaris, be sure that you've installed `sudo` as Riak's scripts require it for proper operation.

Open Files Limit

Before proceeding with installation, you should ensure that the system's open files limit is at least **4096** by verifying the current value of `nofiles(descriptors)`. Check the current value with the `ulimit` command:

Shell

```
ulimit -a
```

To temporarily increase this limit for the life of your session, use the following command:

Shell

```
ulimit -n 65536
```

To increase this value in a persistent manner that will be enforced after restarting the system, add the following to the `/etc/system` file:

```
set rlim_fd_max=65536
set rlim_fd_cur=65536
```

Note that you must restart to have the above settings take effect.

Download and Install

Download your version of the Riak binary package for Solaris 10:

Shell

```
curl -o /tmp/BASHOriak-1.4.8-Solaris10-i386.pkg.gz http://s3.amazonaws.com/riak-packages/riak-1.4.8-Solaris10-i386.pkg.gz
```

Next, install the package:

Shell

```
gunzip /tmp/BASHOriak-1.4.8-Solaris10-i386.pkg.gz
pkgadd /tmp/BASHOriak-1.4.8-Solaris10-i386.pkg
```

After installing the package, be sure to include `/opt/riak/bin` in the appropriate user's PATH. After doing so, you can then start Riak:

Shell

```
riak start
```

Finally, go ahead and ping Riak to ensure it is running:

Shell

```
riak ping
```

Pinging Riak will result in a `pong` response if the node is up and reachable, and a `pang` response if the node is up, but has a problem. If the node is not up and reachable, a *not responding to pings* error will result instead.

If all responses indicate that riak is up and running, then you have successfully installed Riak on Solaris 10.

Next Steps?

Now that Riak is installed, check out the following resources:

- [Post Installation Notes](#): for checking Riak health after installation
- [Five Minute Install](#): A guide that will show you how to go from one node to bigger than Google!

Tutorial Nav: [Installing and Upgrading](#)

[Installing on SmartOS](#)[Installing on SUSE](#)

These May Also Interest You

- [Installing on AWS Marketplace](#)
- [Installing on Windows Azure](#)
- [Installing on Debian and Ubuntu](#)
- [Installing Erlang](#)
- [Installing on FreeBSD](#)
- [Installing Riak from Source](#)