

# Solaris Quick Guide

Thursday, 07 June 2012

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This is a Quick Guide to Oracle's Solaris OS. It might be useful to people who try DTrace or ZFS on Solaris but they did not use Solaris at all until now.

First of all you can get a full installed Solaris for evaluation/testing from Oracle's website in OVA VirtualBox format that can be easily imported into your VirtualBox app.

Display available services in Solaris

In order to display available services in Solaris run: `svcs -a`

If you want to look for a particular service (for example Apache) run:

```
svcs -a | grep apache
```

You will get:

```
online      18:19:10 svc:/network/http:apache22
```

Or if you want to see if ssh service is running type:

```
svcs -v ssh
```

Start or stop services in Solaris To start a service in Solaris run:

```
svcadm enable http      # will start http service
svcadm enable mysql     # will start MySQL service
```

To stop and disable a service run:

```
svcadm disable mysql
```

To check if a service was started run (following example check for mysql service):

```
svcs -a | grep mysql
```

The output of the previous command would be:

```
online      18:21:03 svc:/application/database/mysql:version_51
```

To restart a service in Solaris we will use `svcadm restart` command:

```
svcadm restart http     # will restart http service
```

There is also `svccfg`, the command used to configure a service in Solaris.

Install packages from command line in Solaris

To install system headers for example (system include files) run:

```
pkg install system/header
```

The output will be:

```
install a package in solaris# pkg install system/header
```

Packages to install: 1

Create boot environment: No

Create backup boot environment: No

DOWNLOAD	PKGS	FILES	XFER (MB)
Completed	1/1	1560/1560	3.1/3.1

PHASE	ACTIONS
Install Phase	1681/1681

PHASE	ITEMS
Package State Update Phase	1/1
Image State Update Phase	2/2