

1. Configure oracleasm

As the root user, configure oracleasm by using the command "**oracleasm configure -i**" and answer the prompts as shown in the screenshot.

oracleasm configure -i

```
[root@CentOS-VM-162 tmp]# oracleasm configure -i
Configuring the Oracle ASM library driver.

This will configure the on-boot properties of the Oracle ASM library
driver. The following questions will determine whether the driver is
loaded on boot and what permissions it will have. The current values
will be shown in brackets ('[]'). Hitting <ENTER> without typing an
answer will keep that current value. Ctrl-C will abort.

Default user to own the driver interface []: grid
Default group to own the driver interface []: asmdba
Start Oracle ASM library driver on boot (y/n) [n]: y
Scan for Oracle ASM disks on boot (y/n) [y]: y
Writing Oracle ASM library driver configuration: done
[root@CentOS-VM-162 tmp]#
```

2. Initialize oracleasm.

Initialize the asmlib with the oracleasm init command. This command loads the oracleasm module and mounts the oracleasm filesystem.

oracleasm init

```
[root@CentOS-VM-162 tmp]# oracleasm init
Creating /dev/oracleasm mount point: /dev/oracleasm
Loading module "oracleasm": oracleasm
Mounting ASMLib driver filesystem: /dev/oracleasm
[root@CentOS-VM-162 tmp]#
```

At this point, you can proceed to the next document.

Below steps are ONLY for troubleshooting purpose.

oracleasm Troubleshootin Steps:

Is user called "grid" created?

`id grid`

To check the errors related to ASMLib, see the file below

`tail -100 /var/log/asmlib`

To check the oracleasm settings:

`oracleasm configure`

To stop oracleasm:

`oracleasm exit`

To start oracleasm:

oracleasm init

To configure oracleasm:

oracleasm configure -i

To find all the packages installed:

rpm -qa

To find all oracleasm packages

rpm -qa |grep oracle

To remove one or more oracleasm package

rpm -e oracleasm-lib-2.0.4-1.el5

rpm -e oracleasm-2.6.18-238.el5-2.0.5-1.el5

rpm -e oracleasm-support-2.1.8-1.el5

To add the correct package (assuming you already download the correct asmlib package)

```
rpm -Uvh \  
oracleasm-support-2.1.8-1.el5.x86_64.rpm \  
oracleasm-lib-2.0.4-1.el5.x86_64.rpm \  
oracleasm-2.6.18-371.12.1.el5-2.0.5-1.el5.x86_64.rpm  
warning: oracleasm-support-2.1.8-1.el5.x86_64.rpm: Header V3 DSA signature: NOKEY,  
key ID 1e5e0159  
Preparing...                               ##### [100%]  
 1:oracleasm-support                       ##### [ 33%]  
 2:oracleasm-2.6.18-371.12.1.el5-2.0.5-1.el5.x86_64.rpm ##### [ 67%]  
 3:oracleasm-lib                           ##### [100%]  
[root@CentOS-VM-156 tmp]#
```

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