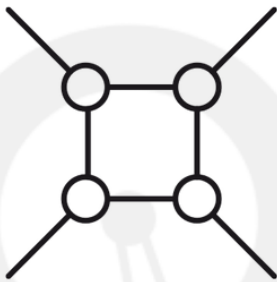


<http://arumel.com/>



SUPPORT, OPERATIONS AND MAINTENANCE

We are in this business because we believe that **no one should lose data**. This is possible thanks to technology—and at a reduced cost— and we are here to ensure that this happens. We make sure data is always available through fast and secure access. We have **talent and experience far above average and we want to share it** to ensure the value that technology can bring to the final business.



PROJECTS

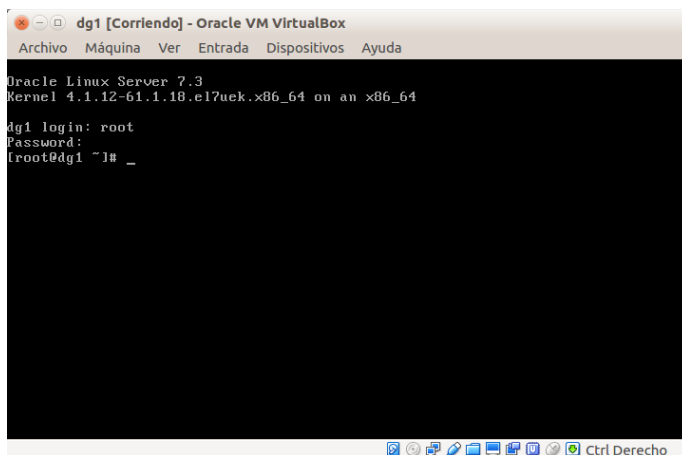
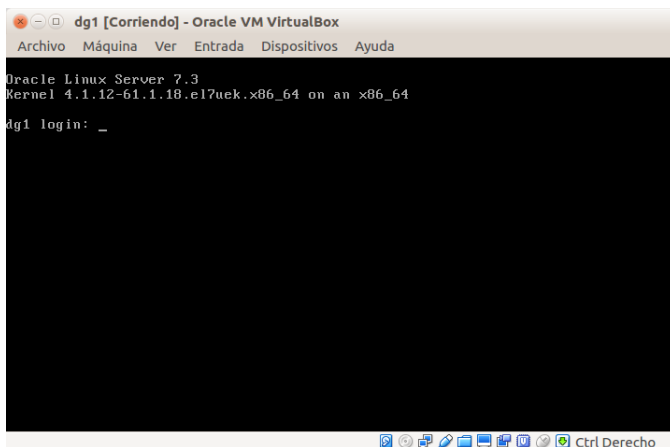
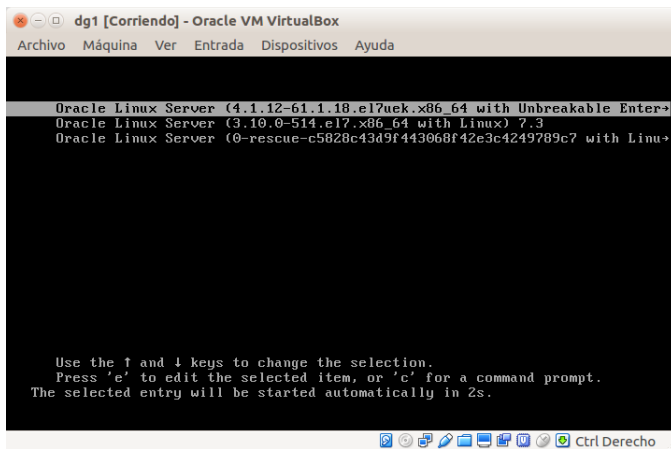
We plan and implement projects for database deployment, data migration, replicas and updates. As engineers, we are very strict with the meaning of this word. Our proposals include very detailed planning that we then implement accurately and with strict rigour in scope, quality, time and cost.



CONSULTING

We are consultants with **decades-long database experience** on multiple platforms. We know very well the different system architectures; the complex world of database licenses as well as the **cloud services advantages and risks**. With all that in mind, will your organisation miss our expertise?

4 Pasos previos instalación Oracle



Login from my ubuntu:

```
root@dg1:~  
sergio@sergio-pc:~$ ssh root@192.168.1.11  
The authenticity of host '192.168.1.11 (192.168.1.11)' can't be established.  
ECDSA key fingerprint is SHA256:Mp7TqYzj//jXpx99X/vHHHa5VCel/kuhCaPX6HchKmk.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '192.168.1.11' (ECDSA) to the list of known hosts.  
root@192.168.1.11's password:  
X11 forwarding request failed on channel 0  
Last login: Sat Mar 4 16:47:19 2017  
[root@dg1 ~]#
```

4.1 Update SO

```
[root@dg1 ~]# yum update -y
```

4.2 Selinux

Default to “enforcing”

```
[root@dg1 ~]# cat /etc/selinux/config
```

```
# This file controls the state of SELinux on the system.  
# SELINUX= can take one of these three values:  
#   enforcing - SELinux security policy is enforced.  
#   permissive - SELinux prints warnings instead of enforcing.  
#   disabled - No SELinux policy is loaded.  
SELINUX=enforcing  
# SELINUXTYPE= can take one of three two values:  
#   targeted - Targeted processes are protected,  
#   minimum - Modification of targeted policy. Only selected processes are protected.  
#   mls - Multi Level Security protection.  
SELINUXTYPE=targeted
```

Modify to “permissive” or “disabled”

```
[root@dg1 ~]# cat /etc/selinux/config
```

```
# This file controls the state of SELinux on the system.  
# SELINUX= can take one of these three values:  
#   enforcing - SELinux security policy is enforced.  
#   permissive - SELinux prints warnings instead of enforcing.  
#   disabled - No SELinux policy is loaded.  
SELINUX=permissive  
# SELINUXTYPE= can take one of three two values:  
#   targeted - Targeted processes are protected,  
#   minimum - Modification of targeted policy. Only selected processes are protected.  
#   mls - Multi Level Security protection.  
SELINUXTYPE=targeted
```

Modify online:

```
[root@dg1 ~]# sestatus
SELinux status:                enabled
SELinuxfs mount:              /sys/fs/selinux
SELinux root directory:       /etc/selinux
Loaded policy name:            targeted
Current mode:                  enforcing
Mode from config file:        disabled
Policy MLS status:             enabled
Policy deny_unknown status:    allowed
Max kernel policy version:    29
```

```
[root@dg1 ~]# getenforce
Enforcing
```

```
[root@dg1 ~]# setenforce 0
```

```
[root@dg1 ~]# getenforce
Permissive
```

4.3 Firewall

Deactivate

```
[root@dg1 ~]# systemctl disable firewalld
Removed symlink /etc/systemd/system/dbus-org.fedoraproject.FirewallD1.service.
Removed symlink /etc/systemd/system/basic.target.wants/firewalld.service.
```

```
[root@dg1 ~]# systemctl stop firewalld
```

4.4 X graphic interface

To export X windows in the Oracle's installation:

```
[root@dg1 ~]# yum install xorg-x11-apps -y
```

4.5 Installation Guest Additions

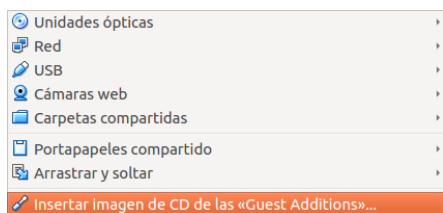
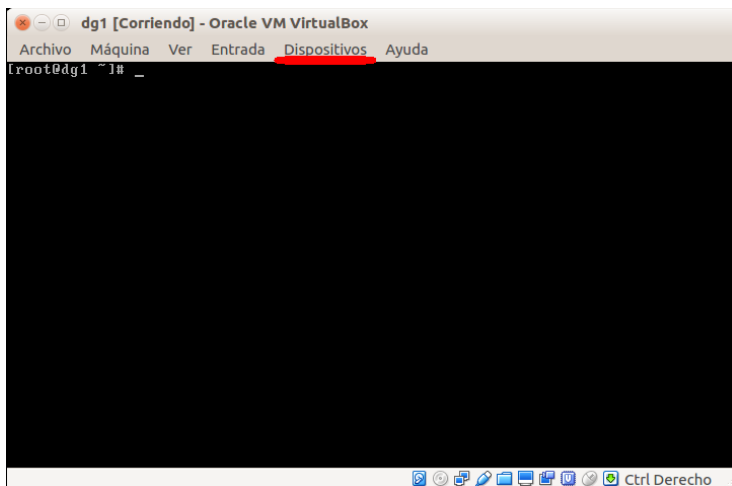
4.5.1 Packages

```
[root@dg1 ~]# yum install bzip2 gcc kernel-uek-devel Xorg -y
```

4.5.2 Reboot

```
[root@dg1 ~]# init 6
```

4.5.3 Guest Additions



```
[root@dg1 ~]# mount /dev/cdrom /mnt
mount: /dev/sr0 is write-protected, mounting read-only
[root@dg1 ~]# df -h
S.ficheros          Tamaño Usados  Disp Uso% Montado en
devtmpfs            2,0G   0      2,0G   0% /dev
tmpfs               2,0G   0      2,0G   0% /dev/shm
tmpfs               2,0G  8,4M   2,0G   1% /run
tmpfs               2,0G   0      2,0G   0% /sys/fs/cgroup
/dev/mapper/ol-root  50G    2,2G   48G    5% /
/dev/sda1           1014M  209M   806M  21% /boot
/dev/mapper/ol-home  26G    33M   26G    1% /home
tmpfs               396M   0     396M   0% /run/user/0
/dev/sr0             57M    57M   0 100% /mnt
```

```
[root@dg1 ~]# /mnt/./VBoxLinuxAdditions.run
Verifying archive integrity... All good.
Uncompressing VirtualBox 5.1.22 Guest Additions for Linux.....
VirtualBox Guest Additions installer
Copying additional installer modules ...
Installing additional modules ...
vboxadd.sh: Starting the VirtualBox Guest Additions.
```

```
[root@dg1 ~]# umount /mnt
```

4.6 oracle-database-server-12cR2-preinstall

```
[root@dg1 ~]# yum install oracle-database-server-12cR2-preinstall -y
```

4.7 Grupo vboxsf

```
[root@dg1 ~]# gpasswd -a oracle vboxsf
```

Añadiendo al usuario oracle al grupo vboxsf