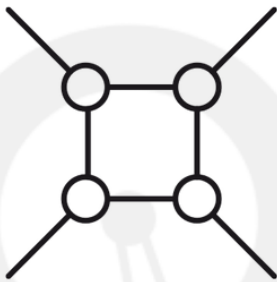


<http://arumel.com/>



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.



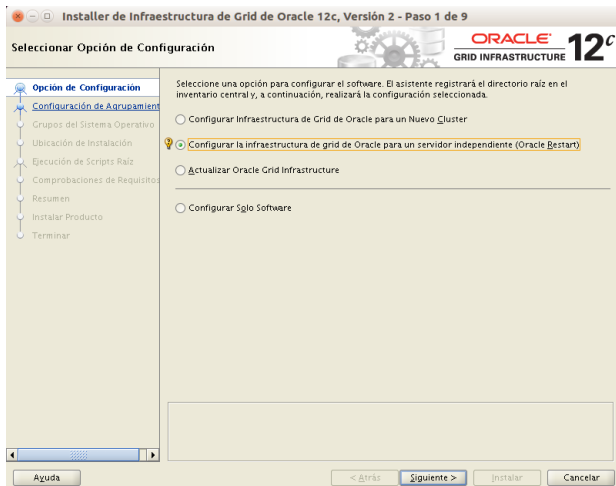
CONSULTING

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?

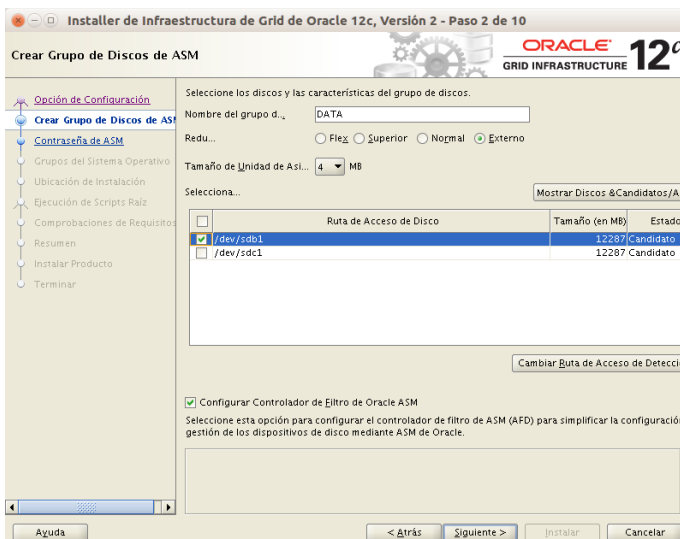
5.9.2 Modo gráfico

Nos conectamos a la máquina virtual desde nuestro equipo y exportamos la variable `ORACLE_BASE` para lanzar el instalador (ojo porque en esta versión cambia de nombre, ya no es el `runInstaller` de toda la vida):

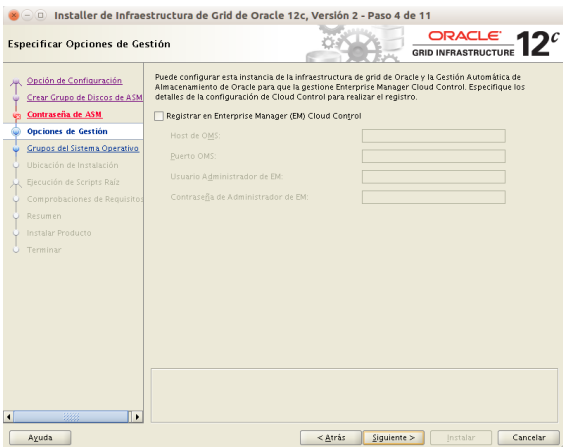
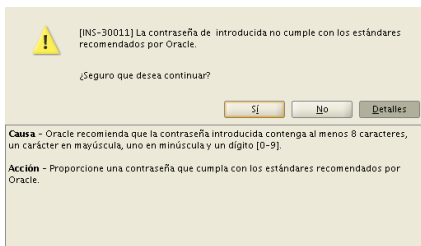
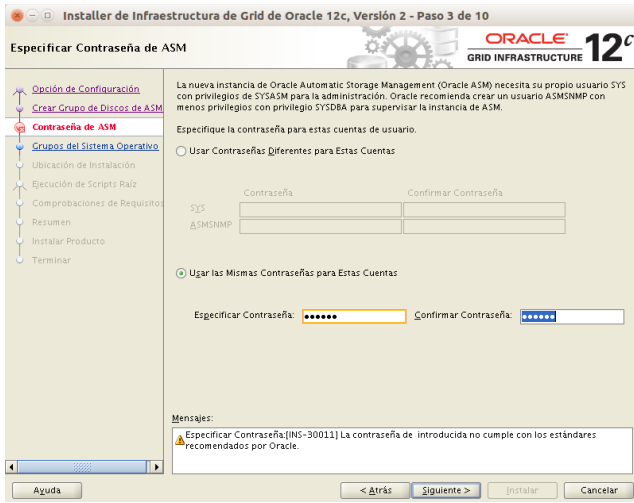
```
sergio@sergio-pc:~$ ssh oracle@192.168.1.111
oracle@192.168.1.111's password:
Last login: Tue Jun 20 10:33:01 2017 from 192.168.1.103
[oracle@dgg1 ~]$ export ORACLE_BASE=/u01/app/12.2.0.1
[oracle@dgg1 ~]$ /u01/app/12.2.0.1/grid/gridSetup.sh
```

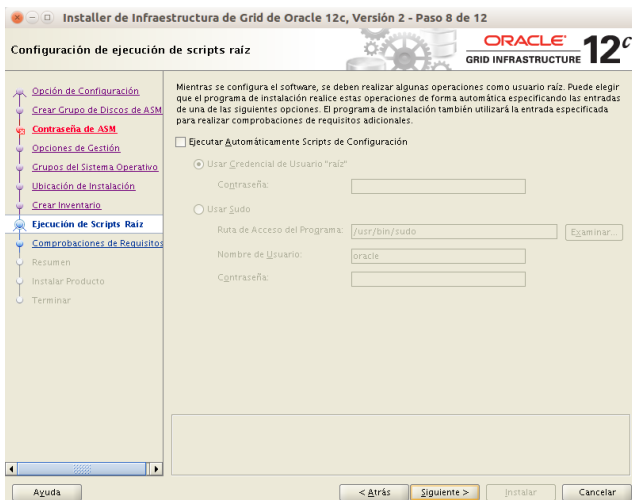


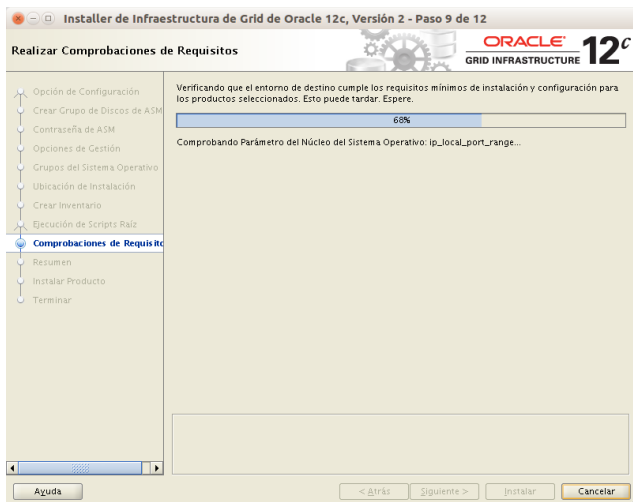
Marcamos el disco `/dev/sdb1`, la redundancia como Externo, y le damos nombre al diskgroup:



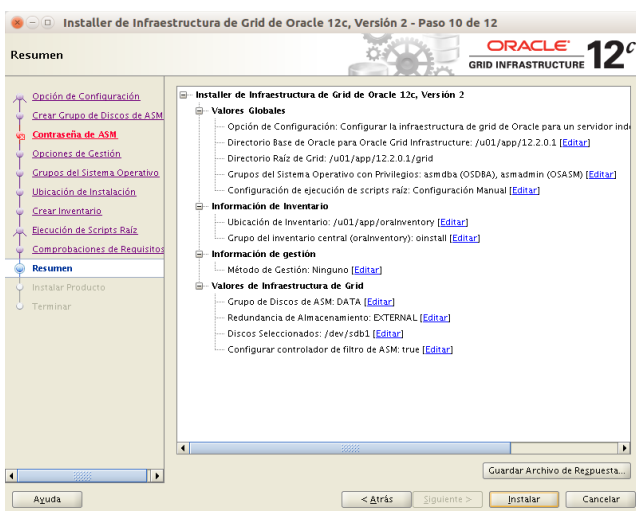
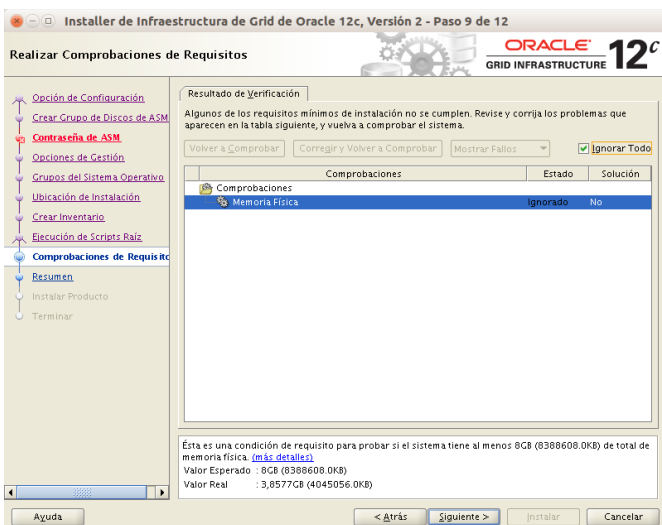
Vamos a usar la misma password para todo y se quejará también de la simplicidad:

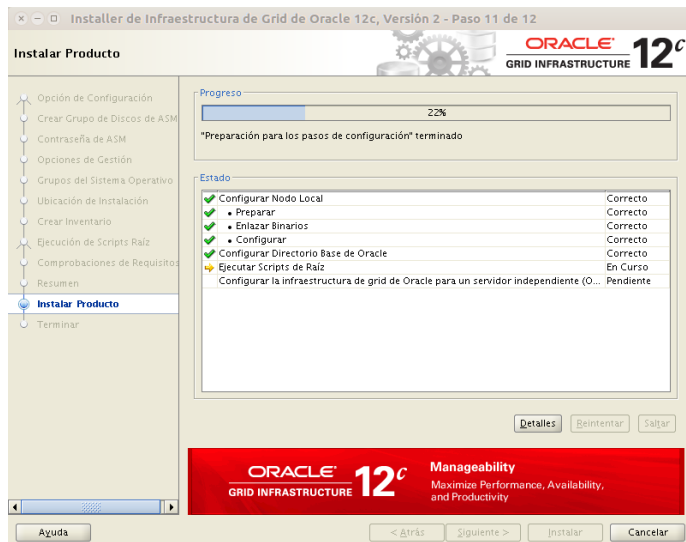
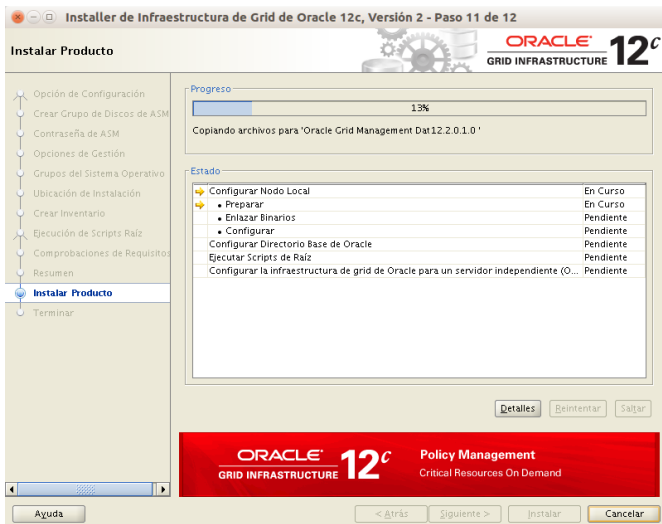
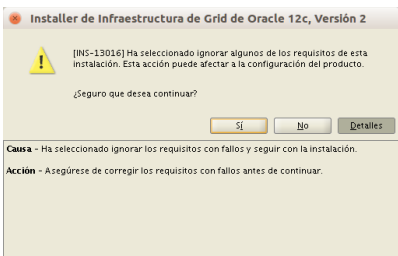






En la comprobación de prerrequisitos lo único que no le gusta es la memoria física, pero no pienso darle más ;), así que marcaríamos "Ignorar todo" y seguiríamos palante:





[root@dg1 ~]# /u01/app/oraInventory/orainstRoot.sh

Cambiando permisos de /u01/app/oraInventory.
Agregando permisos de lectura y escritura para el grupo.
Eliminando permisos de lectura, escritura y ejecución para el público.

Cambiando el nombre de grupo de /u01/app/oraInventory a oinstall.
La ejecución del archivo de comandos ha terminado

```
[root@dg1 ~]# /u01/app/12.2.0.1/grid/root.sh
Performing root user operation.
```

The following environment variables are set as:

```
ORACLE_OWNER= oracle
ORACLE_HOME= /u01/app/12.2.0.1/grid
```

Enter the full pathname of the local bin directory: [/usr/local/bin]:

```
Copying dbhome to /usr/local/bin ...
Copying oraenv to /usr/local/bin ...
Copying coraenv to /usr/local/bin ...
```

Creating /etc/oratab file...

Entries will be added to the /etc/oratab file as needed by
Database Configuration Assistant when a database is created
Finished running generic part of root script.

Now product-specific root actions will be performed.

Using configuration parameter file: /u01/app/12.2.0.1/grid/crs/install/crsconfig_params

The log of current session can be found at:

```
/u01/app/12.2.0.1/crsdata/dg1/crsconfig/roothas_2017-06-20_10-58-15AM.log
2017/06/20 10:58:17 CLSRSC-363: User ignored prerequisites during installation
```

LOCAL ADD MODE

Creating OCR keys for user 'oracle', privgrp 'oinstall'..

Operation successful.

LOCAL ONLY MODE

Successfully accumulated necessary OCR keys.

Creating OCR keys for user 'root', privgrp 'root'..

Operation successful.

CRS-4664: Se ha hecho pin al nodo dg1 correctamente.

2017/06/20 10:58:54 CLSRSC-330: Adding Clusterware entries to file 'oracle-ohasd.service'

CRS-2791: Iniciando cierre de los recursos gestionados por los Servicios de Alta Disponibilidad de Oracle en 'dg1'

CRS-2673: Intentando parar 'ora.evmd' en 'dg1'

CRS-2677: La parada de 'ora.evmd' en 'dg1' se ha realizado correctamente

CRS-2793: Ha terminado el cierre de los recursos gestionados por los Servicios de Alta Disponibilidad de Oracle en 'dg1'

CRS-4133: Se ha parado Servicios de Alta Disponibilidad de Oracle.

CRS-4123: Se ha iniciado Servicios de Alta Disponibilidad de Oracle.

```
dg1    2017/06/20 11:00:12    /u01/app/12.2.0.1/grid/cdata/dg1/backup_20170620_110012.olr    0
2017/06/20 11:00:17 CLSRSC-327: Successfully configured Oracle Restart for a standalone server
```

Pulsamos en “aceptar” en la pantalla de los scripts anterior y el proceso de instalación continua:

