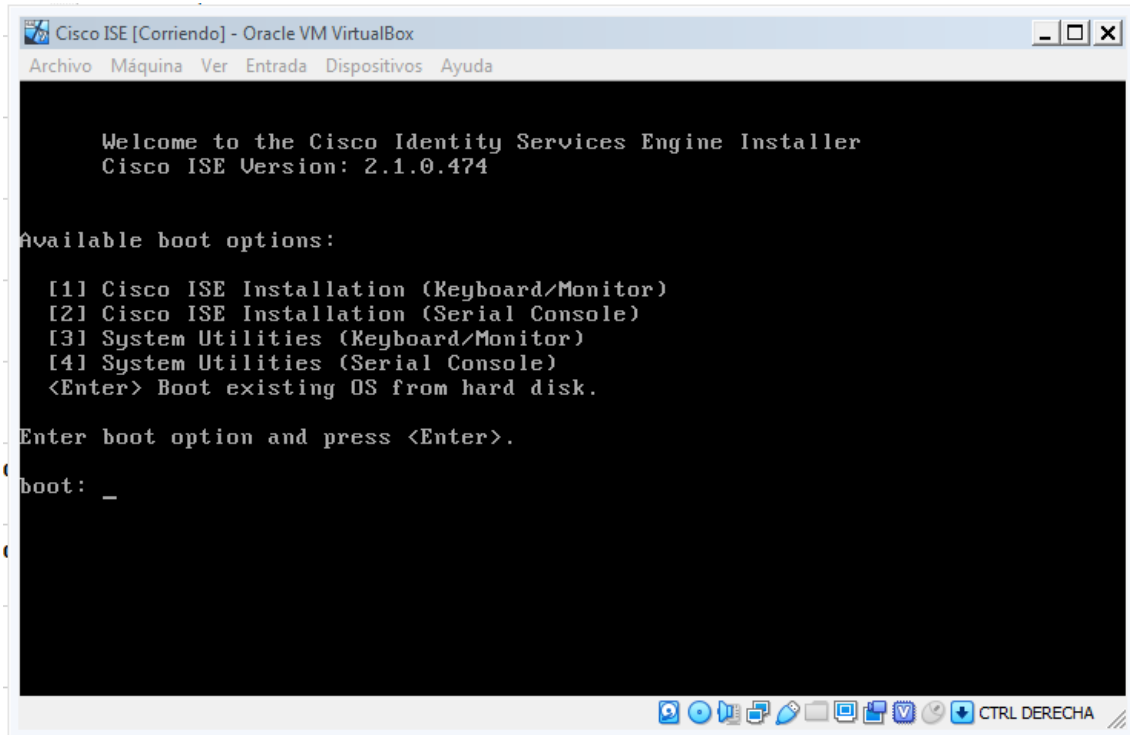


4.- Cisco ISE

Descargamos la iso que nos manda Cisco y la montamos en una máquina virtual basada en RedHat, con 8 Gb de memoria RAM, 150 Gb de disco duro disponible, 4 núcleos y adaptador de red en modo Bridge



Elejimos la opción 1 y esperamos a que acabe la instalación



Y esperamos...

```

Installing man-pages (506/511)
Installing iwl1000-firmware (507/511)
Installing iwl15150-firmware (508/511)
Installing iwl4965-firmware (509/511)
Installing iwl135-firmware (510/511)
Installing words (511/511)
Performing post-installation setup tasks
Installing boot loader
.
Performing post-installation setup tasks
.
Configuring installed system
.
Writing network configuration
.
Creating users
.
Configuring addons
.
Generating initramfs
anaconda 1:main=3:log 4:storage-log 5:program-log

```

Hasta que por fin nos da la pantalla de logueo inicial, donde procederemos a configurar el adaptador de red.

```

*****
Please type 'setup' to configure the appliance
*****
localhost login: setup

```

Ponemos la Ip del equipo, máscara de red, gateway y servidores DNS, usuario y contraseña, principalmente

```

Press 'Ctrl-C' to abort setup
Enter hostname[]: herenjena
Enter IP address[]: 192.168.34.25
Enter IP netmask[]: 255.255.255.0
Enter IP default gateway[]: 192.168.34.20
Enter default DNS domain[]:
Domain name needs to be between 2 and 65 chars long
Enter default DNS domain[]: 8.8.8.8
Domain name can not be an IP address
Enter default DNS domain[]: google.com
Enter primary nameserver[]: 8.8.8.8
Add secondary nameserver? Y/N [N]: n
Enter NTP server[time.nist.gov]:
Add another NTP server? Y/N [N]:
Enter system timezone[UTC]:
Enable SSH service? Y/N [N]: n
Enter username[admin]: admin
Enter password:
Enter password again:
Error: password must have at least one lower case letter
Enter password:
Enter password again:
Copying first CLI user to be first ISE admin GUI user...
Bringing up network interface...
Pinging the gateway...
Gateway ping failed. Retry? Y/N [Y]: n
Testing VM disk I/O performance...
Average I/O bandwidth writing to disk device: 520 MB/second
Average I/O bandwidth reading from disk device: 777 MB/second
I/O bandwidth performance within supported guidelines
Sync with NTP server failed. Incorrect time could render the system unusable until it is re-installed. Retry? Y/N [Y]: n

Do not use 'Ctrl-C' from this point on...

Installing Applications...

=== Initial Setup for Application: ISE ===

```

El sistema monta el adaptador de red y se reanuda

```

Installing Applications...

=== Initial Setup for Application: ISE ===

Welcome to the ISE initial setup. The purpose of this setup is to
provision the internal ISE database. This setup is non-interactive,
and will take roughly 5 minutes to complete.

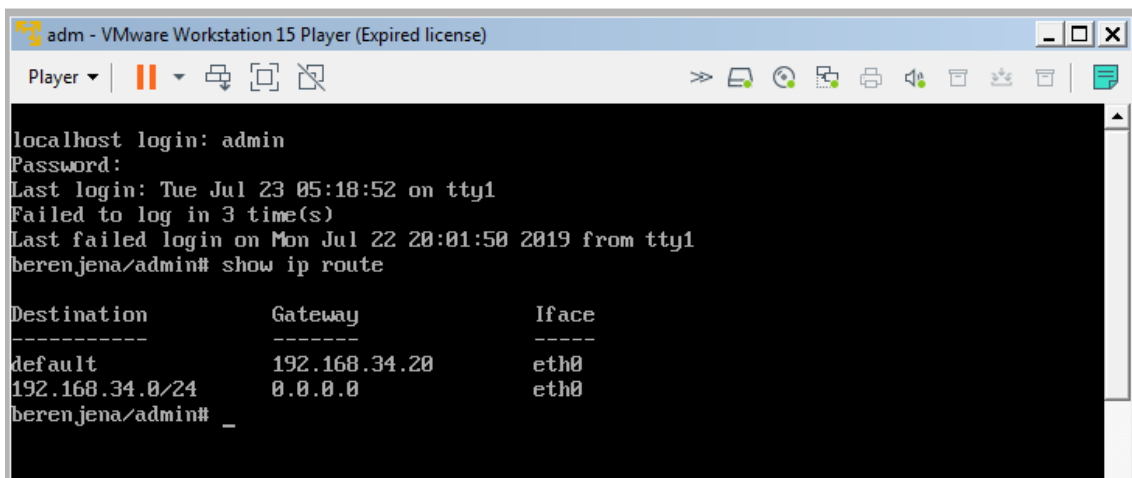
Running database cloning script...
Running database network config assistant tool...
Extracting ISE database content...
Starting ISE database processes...
Creating ISE MMT session directory...
Creating ISE VM timestamp database...
Performing ISE database priming...

```

Y nos pide usuario y login.

```
berenjena login: admin
Password:
Failed to log in 3 time(s)
Last failed login on Mon Jul 22 20:01:50 2019 from tty1
berenjena/admin# _
```

Una vez dentro podemos ejecutar multitud de comandos, como *show ip route* para ver los datos del adaptador



```
adm - VMware Workstation 15 Player (Expired license)
Player | [Icons]
localhost login: admin
Password:
Last login: Tue Jul 23 05:18:52 on tty1
Failed to log in 3 time(s)
Last failed login on Mon Jul 22 20:01:50 2019 from tty1
berenjena/admin# show ip route

Destination          Gateway              Iface
-----
default              192.168.34.20       eth0
192.168.34.0/24      0.0.0.0             eth0
berenjena/admin# _
```

Una vez arrancado el servicio, podemos acceder al entorno GUI en la dirección
\\ipdelservicioISE\admin, para poder entrar a configurarlo

