

UNIVERSIDAD AUTONOMA DE SINALOA

UNIDAD ACADEMICA FACULTAD DE INGENIERIA MOCHIS

LICENCIATURA EN INGENIERIA DE SOFTWARE



ASIGNATURA:

Asministración de sistemas

DOCENTE:

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ALUMNO:

Alberto Torres Chaparro

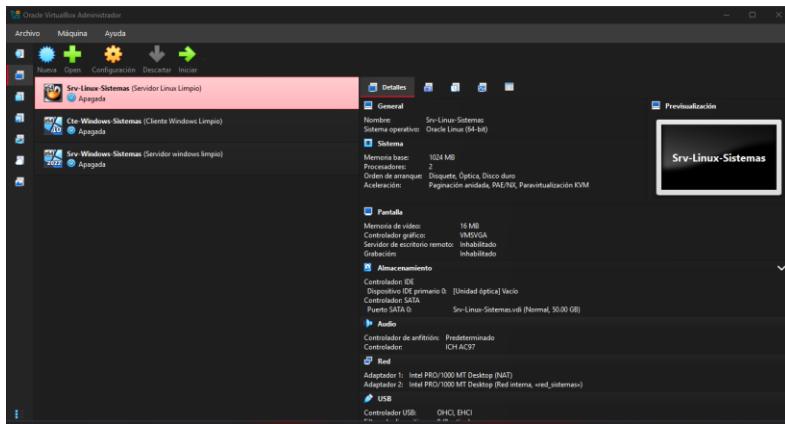
GRUPO:

3-01

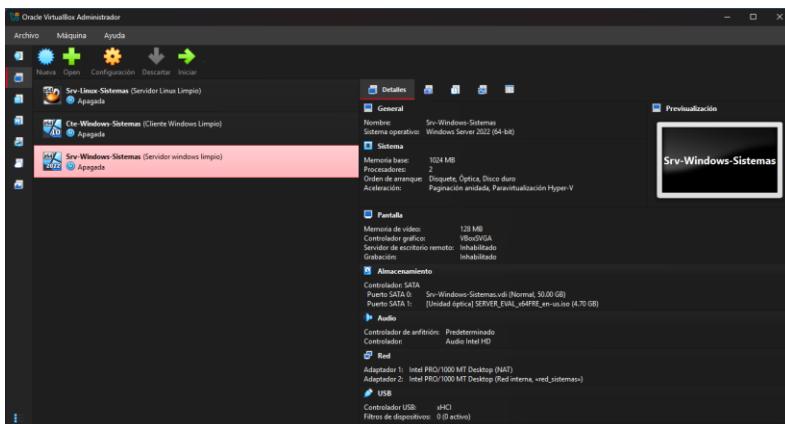
TAREA 1:

Entorno de Virtualización e Infraestructura Base

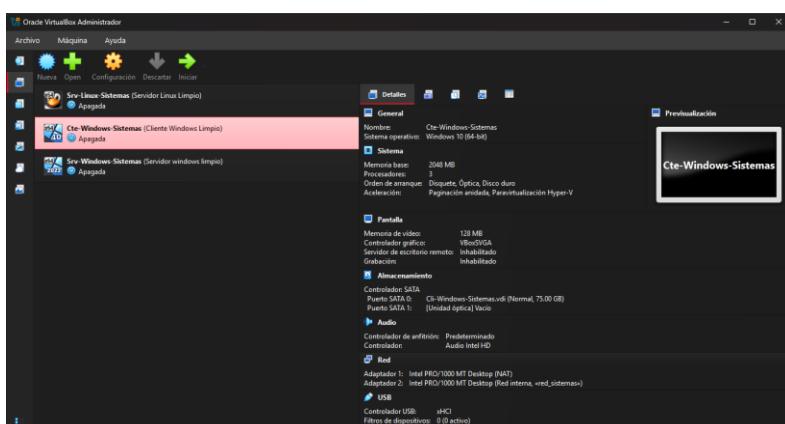
Máquinas virtuales en el hipervisor VirtualBox



Nodo#1 Servidor Linux (Oracle Linux Server 10.1)

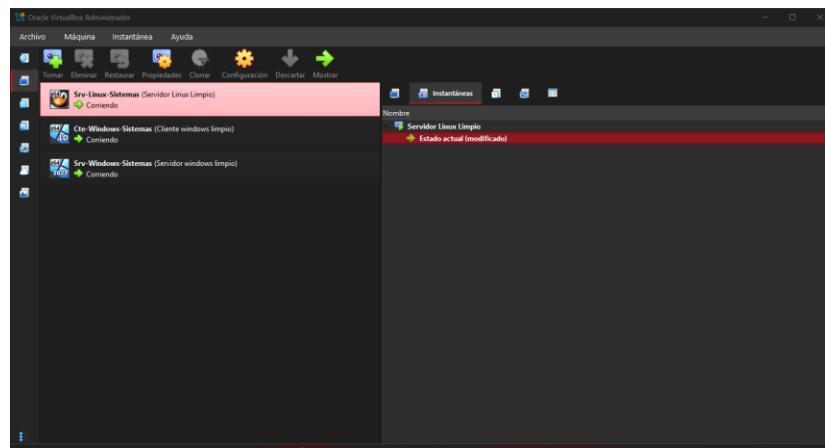


Nodo #2 Servidor Windows (Windows Server 2022)

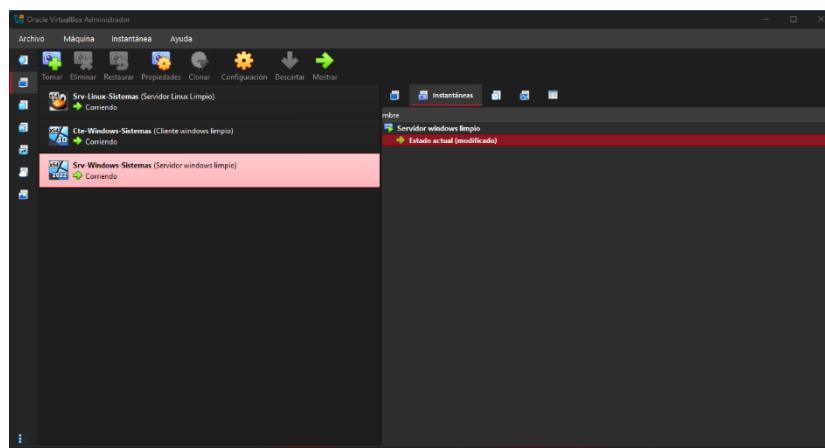


Nodo #3 Cliente Windows (Windows 10)

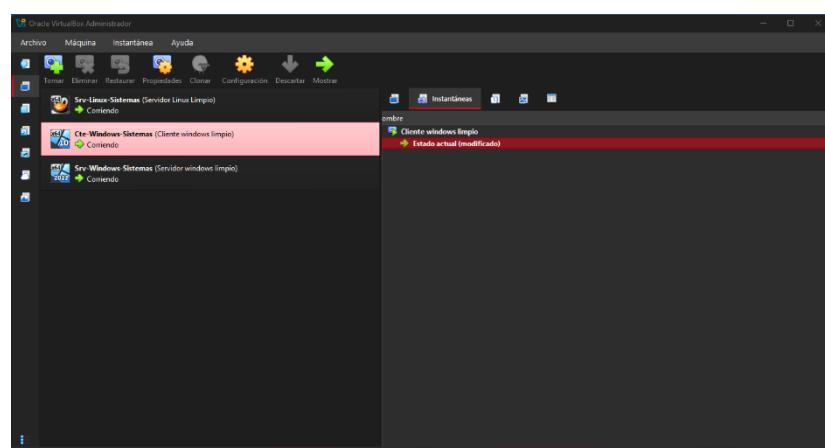
Snapshots de cada Nodo



Nodo #1



Nodo #2

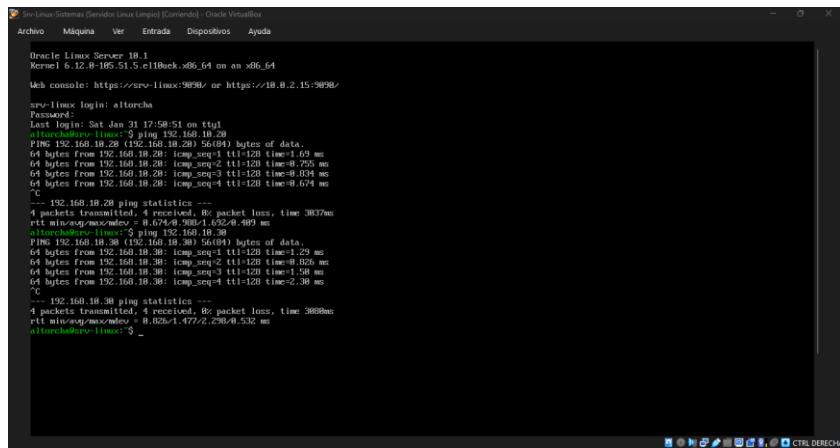


Nodo #3

Tabla de direcciones IP

No. Nodo	Sistema operativo	Nombre del equipo	dirección IP	Mascara de subred
1	Oracle Linux	srv-linux	192.168.10.10	255.255.255.0
2	Windows Server	srv-windows	192.168.10.20	255.255.255.0
3	Windows 10	cte-windows	192.168.10.30	255.255.255.0

Ping entre los nodos



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Srv-Linux Sistemas [Centrode Virtualizado] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

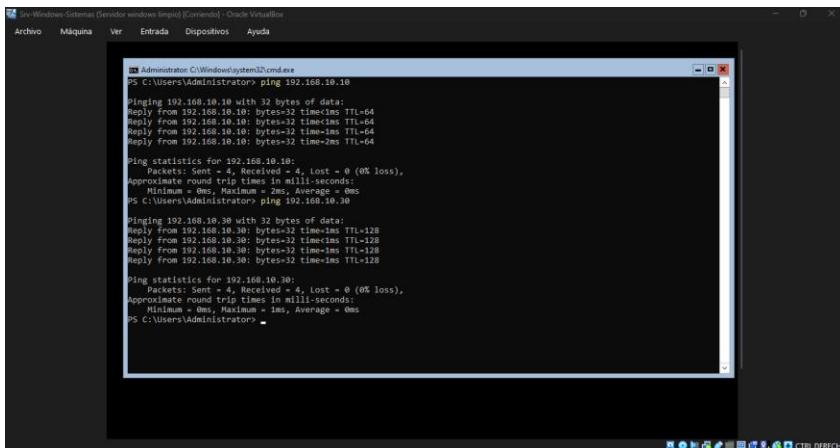
Oracle Linux Server 6.1
Kernel 6.12.0-105.5.1.el6uek.x86_64 on an x86_64

Web console: https://srv-linux:9999/ or https://192.168.2.15:9999

srv-linux login: alberto
Password:
Last login: Sat Jan 31 17:58:51 on ttys0
alberto@srv-linux: ~ $ ping 192.168.10.20
PING 192.168.10.20 (192.168.10.20) 56(84) bytes of data.
64 bytes from 192.168.10.20: icmp_seq=1 ttl=128 time=0.69 ms
64 bytes from 192.168.10.20: icmp_seq=2 ttl=128 time=0.755 ms
64 bytes from 192.168.10.20: icmp_seq=3 ttl=128 time=0.634 ms
64 bytes from 192.168.10.20: icmp_seq=4 ttl=128 time=0.674 ms
...
64 bytes from 192.168.10.20: icmp_seq=10 ttl=128 time=0.677 ms
rtt min/avg/max/mdev = 0.624/0.698/0.632/0.489 ms
alberto@srv-linux: ~ $ ping 192.168.10.30
PING 192.168.10.30 (192.168.10.30) 56(84) bytes of data.
64 bytes from 192.168.10.30: icmp_seq=1 ttl=128 time=1.29 ms
64 bytes from 192.168.10.30: icmp_seq=2 ttl=128 time=0.826 ms
64 bytes from 192.168.10.30: icmp_seq=3 ttl=128 time=1.58 ms
64 bytes from 192.168.10.30: icmp_seq=4 ttl=128 time=2.38 ms
...
64 bytes from 192.168.10.30: icmp_seq=10 ttl=128 time=0.899 ms
rtt min/avg/max/mdev = 0.836/1.477/2.259/0.816 ms
alberto@srv-linux: ~ $

```

Del Nodo #1 a los Nodos #2 y #3



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Srv-Windows Sistemas [Centrode Virtualizado] - Oracle VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda

Administrator C:\Windows\system32\cmd.exe
PS C:\Users\Administrator> ping 192.168.10.10

Pinging 192.168.10.10 with 32 bytes of data:
Reply From 192.168.10.10: bytes=32 time<1ms TTL=64

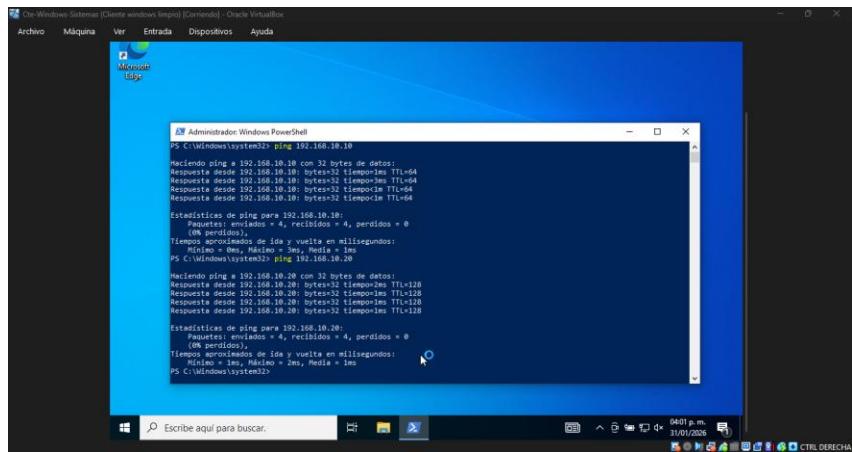
Ping statistics for 192.168.10.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 0ms
PS C:\Users\Administrator> ping 192.168.10.30

Pinging 192.168.10.30 with 32 bytes of data:
Reply From 192.168.10.30: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.30:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
PS C:\Users\Administrator>

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Ping del Nodo #2 a los Nodos #1 y #3



Ping del Nodo #3 a los Nodos #1 y #2