

Pin- Implementation of Host bosed nirtualization using umware otest MAT to MAT o Test bridge to bridge

recording in a dound complifing it making virtuer platform of servers operating system and storage devices. This will help the view by providing multiple machine at the same time it also always showing a single physical instance of resource or an application to multiple users. Cloud virtualization also be manage the workload by transforming traditional complising & make

Types of vistvalization.

i) operating system vistvalization

In as vistvalization in a plant in the os of the vistval machine software installs in the os of the host octors

than directly or the hordware system In must impostant use of operating system vistvalization is for testing the application or different platform

ii) Application Vistualization

It helps were to have a remote access of

a popplication from a server, the server

stores the personal information and other

domadristic of the application but still

runs or local workstation

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1i) Network vistvalization.	m / to you wan
The ability to me multiple virtual network	
as econ mas a seventhe control ()-co	
to appropriate to a training	Language State
It can be managed by individual parties	

in) Storage vistibility after that are and managed by virtual storage sithm. The server ones't aware of exactly where the data is stored and instead of fundions more like work but in a him.

Whethere Address traslation (NAT)

NAT is a method of remopping one IP address

Space into crother by modifying Alw address

information in the ITP headen of packeds while

they are in transit across a traffic moving

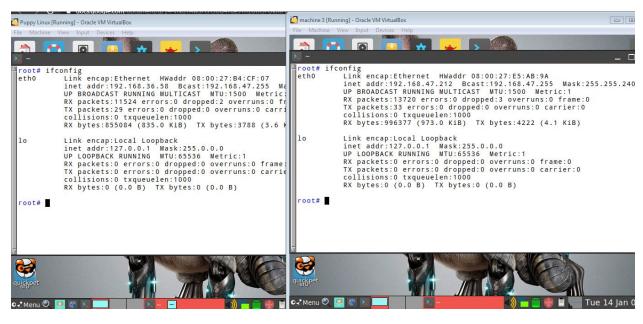
device

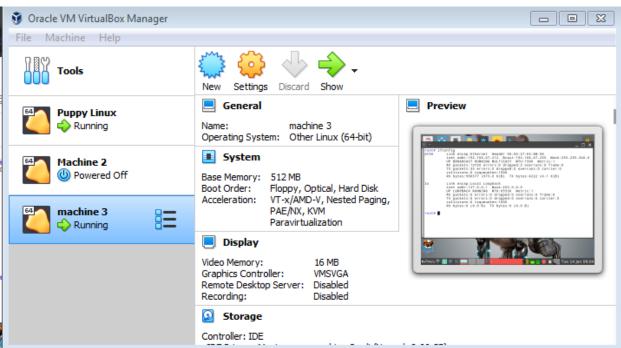
its types & VAware have been properly understand

Teacher's Sign.:

Experiment - Virtualization

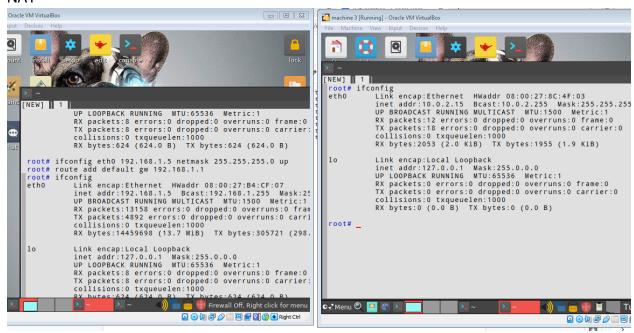
Bridged Based Adapter

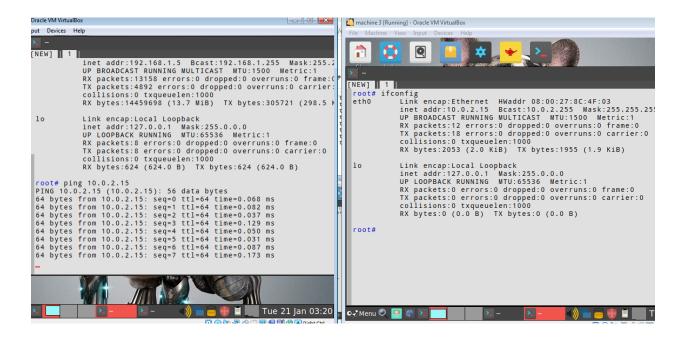




```
_ _ X
          collisions:0 txqueuelen:1000
          RX bytes:855084 (835.0 KiB) TX bytes:3788 (3.6 KiB)
          Link encap:Local Loopback
10
          inet addr:127.0.0.1 Mask:255.0.0.0
          UP LOOPBACK RUNNING MTU:65536 Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)
root# ping 192.168.47.212
PING 192.168.47.212 (192.168.47.212): 56 data bytes
64 bytes from 192.168.47.212: seq=0 ttl=64 time=1.538 ms
64 bytes from 192.168.47.212: seq=1 ttl=64 time=0.681 ms
64 bytes from 192.168.47.212: seq=2 ttl=64 time=1.005 ms
64 bytes from 192.168.47.212: seq=3 ttl=64 time=0.590 ms
64 bytes from 192.168.47.212: seq=4 ttl=64 time=1.114 ms
64 bytes from 192.168.47.212: seq=5 ttl=64 time=1.019 ms
64 bytes from 192.168.47.212: seq=6 ttl=64 time=0.949 ms
64 bytes from 192.168.47.212: seq=7 ttl=64 time=0.967 ms
64 bytes from 192.168.47.212: seq=8 ttl=64 time=0.900 ms
64 bytes from 192.168.47.212: seq=9 ttl=64 time=0.833 ms
```

NAT





Commands:

ifconfig eth0 192.168.1.5 netmask 255.255.255.0 up

route add default gw 192.168.1.1

Host by adapter

