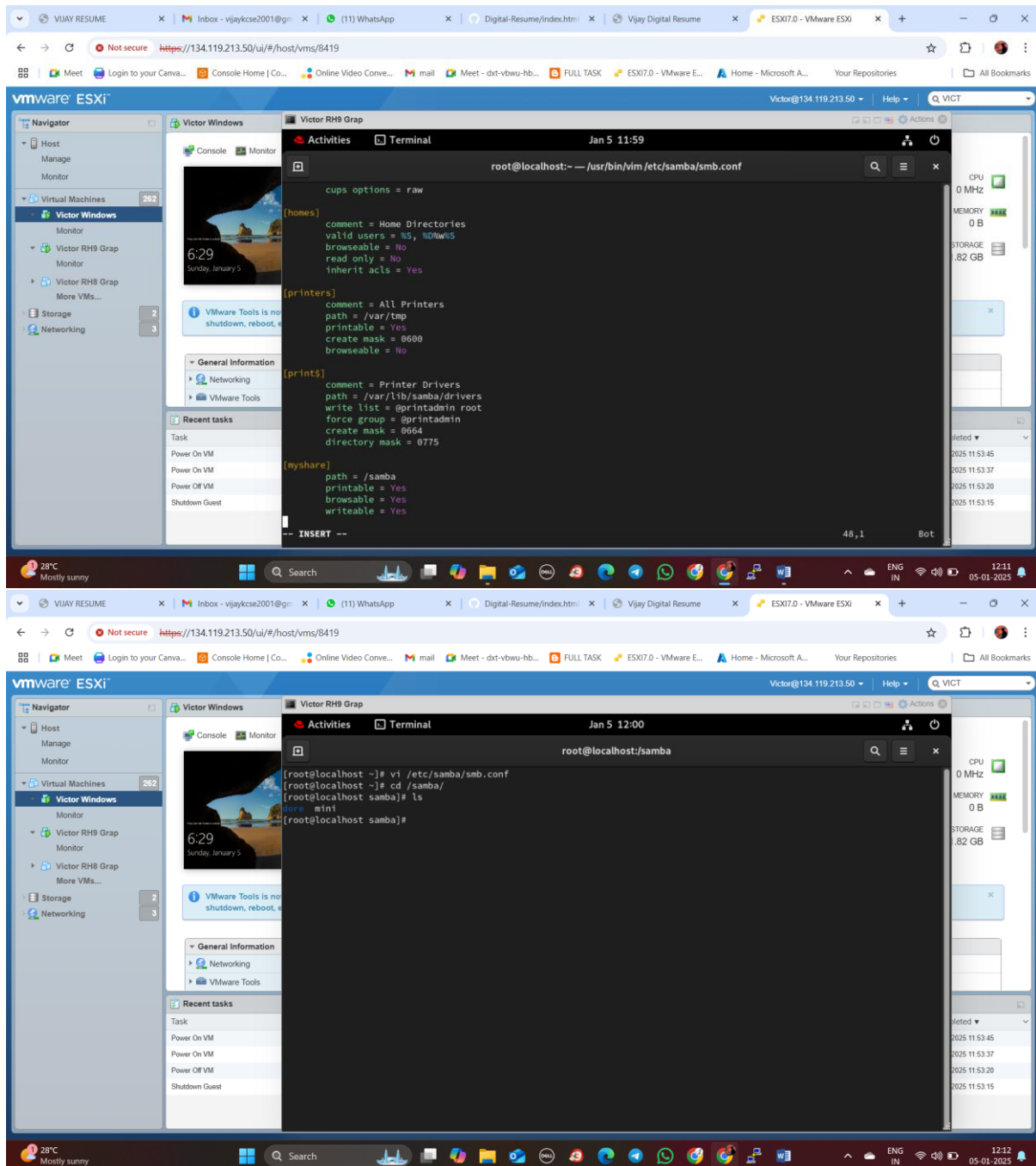


Management and setup of Linux systems, leveraging CIFS to facilitate effective resource sharing and seamless integration between Linux and Windows systems.



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The image displays two sequential screenshots of a VMware ESXi web interface, showing the management of a virtual machine named "Victor RH9 Grap".

Top Screenshot: The interface shows the "Victor RH9 Grap" console window. The user is logged in as root and has executed the command `smbpasswd -a root`. The prompt indicates "New SMB password:".

Bottom Screenshot: The console window shows the output of the `ifconfig` command. The output displays network configuration details for the `ens192` interface, including IP address, netmask, broadcast, and various statistics.

```
[root@localhost samba]# ifconfig
ens192: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.12.19 netmask 255.255.0.0 broadcast 192.168.255.255
    inet6 2a01:7a7:2:3730:20c:29ff:fe94:5e63 prefixlen 64 scopeid 0x0<global>
    inet6 fe80::20c:29ff:fe94:5e63 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:94:5e:63 txqueuelen 1000 (Ethernet)
    RX packets 68 bytes 7652 (7.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 68 bytes 7652 (7.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 124 bytes 11314 (11.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 124 bytes 11314 (11.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[root@localhost samba]#
```

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The screenshot displays the VMware ESXi web interface for a host named 'Victor@134.119.213.50'. The left sidebar shows the 'Virtual Machines' section with 'Victor Windows' selected. The main window shows the 'Victor Windows' VM with an open 'Administrator Command Prompt' window. The command prompt shows the following output:

```
C:\Users\Administrator>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet0:

   Connection-specific DNS Suffix  . : 
   IPv6 Address. . . . . : 2a01:7a7:2:3730::cd1a:af19:7f42:295
   Link-local IPv6 Address . . . . . : fe80::cd1a:af19:7f42:295%11
   IPv4 Address. . . . . : 192.168.12.19
   Subnet Mask . . . . . : 255.255.255.0
   Default Gateway . . . . . : fe80::216:73ff:fe2a:190%11
                               192.168.12.1

C:\Users\Administrator>ping 192.168.12.19

Pinging 192.168.12.19 with 32 bytes of data:
Reply from 192.168.12.19: bytes=32 time=1ms TTL=64
Reply from 192.168.12.19: bytes=32 time=1ms TTL=64
Reply from 192.168.12.19: bytes=32 time=1ms TTL=64
Reply from 192.168.12.19: bytes=32 time=1ms TTL=64

Ping statistics for 192.168.12.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>
```

The right sidebar shows the VM's resource usage: CPU 0 MHz, Memory 0 B, and Storage 21.82 GB. Below this, a table lists completed tasks:

Result	Completed
Completed successfully	01/05/2025 11:53:45
Completed successfully	01/05/2025 11:53:37
Completed successfully	01/05/2025 11:53:20
Completed successfully	01/05/2025 11:53:15

The bottom of the interface shows the Windows taskbar with the search bar and various application icons. The system tray displays the date and time as 12:17 on 05-01-2025.

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