OS????

Windows Server

Windows Server

????? Windows Server Core 2016

???core?

□□□ server core□□□□ dos□□□□□□ command line□□□□□□□□□□□□□□

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1. □□ Ventoy□□□□□□ ISO□□□□
2. □□□□ MEMTEST86+□□□□□□ MEMTEST86+□□□□□□□ RamDisk □□□□□ AIDI64□□□□□□□□□□□
3. server□□□□□□□ key□□□□□ google ‘KMS key’□□□□□□□
4. □□□□□□□□□□□□□□□□□□□□□□□□□ diskpart □□□□□□□□□□□ DiskGenius□□□ DiskGenius□ bug □□□□□□□□□□□□□□□□
5. □□□□□□□□ BIOS□□□ boot□□□□ windows boot manager
6. □□□□□□ Administrator□□□□□□□□□□□ tab □□□□□□□□□□□□□

?????

□□□□□□□ IP□□□□ remote desktop(□□□□□□)□ remote desktop□□ less secure □□

```
SCONFIG
```

□□□□□□□□□□□□□□□□ ADMINISTRATOR □□□□□□□□□□□

```
NET USER Administrator □□□
WMIC UserAccount where Name='Administrator' set PasswordExpires=False
```

Windows 10□□ Remote Desktop Connection□□□□□□□□□□

□□ CMD□□□□□□□□ CTRL+ALT+END(□□□□ CTRL+ALT+DELETE)□□□ Task Manager□□□ Run□□□□ CMD

□□□□□ (Stop PasswordComplexity)□□□ powershell□□□□□□

```
secedit /export /cfg c:\secpol.cfg
(gc C:\secpol.cfg).replace("PasswordComplexity = 1", "PasswordComplexity = 0") | Out-File
```

```
C:\secpol.cfg
secedit /configure /db c:\windows\security\local.sdb /cfg C:\secpol.cfg /areas SecurityPolicy
rm -force C:\secpol.cfg
```

??????windows Defender???powershell

```
REM * □□□□□□□□□ *
Get-MpPreference
REM * □□□□□□□ *
Set-MpPreference -DisableRealtimeMonitoring $true
REM * □□□□□□□□ *
Set-MpPreference -ExclusionPath “C:\temp”, “C:\VMs”, “C:\NanoServer”
REM * □□□□□□□ *
Set-MpPreference -ExclusionProcess “vmms.exe”, “Vmwp.exe”
REM * □□windows defender□□□□□restart *
Dism /online /Disable-Feature /FeatureName:Windows-Defender /Remove /NoRestart /quiet□□
```

??????????KMS???????????

```
REM * □□Windows□□ *
wmic os get caption
REM * □□Windows Server 2016 Standard□key *
slmgr /ipk WC2BQ-8NRM3-FDDYY-2BFGV-KHKQY
REM * □□KMS□□□□□ *
slmgr /skms 192.168.0.3
REM * □□Server *
slmgr /ato
```

??sconfig??windows update??????????????????PE ?????????????

```
REM * □□□□□□□□□ *
DISKPART
REM * LIST□□□□ *
LIST DISK
LIST VOLUME
LIST PARTITION
REM * SELECT□□□□ *
SELECT DISK
SELECT VOLUME
```

```
SELECT PARTITION
REM * □□DISK□□□□□□□□□□□□□□RAID0 *
CONVERT DYNAMIC
CREATE VOLUME STRIPE DISK=2,3,4
REM * SELECT DISK □□□□□□□ *
CREATE PARTITION PRIMARY
REM * SELECT VOLUME □□□□□□ *
ASSIGN LETTER=D
REM * FORMAT□□□□□□ *
FORMAT FS=NTFS LABEL="SRV2" QUICK
REM * □□□□□□□□ *
fsutil fsinfo drives
```

???????

□ superMicro□□□□□□□□ ChipSet□ NIC□□□□□□□□□□□□ EXE□□□□□□□□□□□□ □□□□□□□□□□□□□□□ diskspd□□□ powershell□□□□□□ -t2□ 2□□

```
.\diskspd -t2 -o32 -b4k -r4k -w0 -d120 -Sh -D -L -c5G .\IO.dat > IO02t.txt
```

???????Windows Admin Center

Windows Admin Center□□□□□□□□□□□□□□□□ server □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ domain□□□ workgroup□□□□□□□□□□□□□□□□ trust host□□□□□□□□□□□ powershell□□□

```
REM * Server□□□□□□□ *
Set-NetFirewallRule -Name WINRM-HTTP-In-TCP-PUBLIC -RemoteAddress Any

REM * □□□□□Win 10□□□□□□□ *
Set-NetFirewallRule -Name WINRM-HTTP-In-TCP -RemoteAddress Any

REM * □□□□TrustedHosts□□□ *
Get-Item WSMan:\localhost\Client\TrustedHosts
REM * □□□□□TrustedHosts *
Get-Item WSMan:localhost\Client\TrustedHosts | Out-File C:\OldTrustedHosts.txt
REM * □□□□TrustedHosts□NetBIOS, IP, or FQDN□□□□□ *
Set-Item WSMan:localhost\Client\TrustedHosts -Value
'192.168.1.1,server01.contoso.com,server02'
REM * □□□□□TrustedHosts□□□□□□□□□ *
Set-Item WSMan:\localhost\Client\TrustedHosts -Value '*'
```

```
REM * □□□□□□□TrustedHosts□□□ *
Clear-Item WSMan:localhost\Client\TrustedHosts
```

?????Hyper-V?

□□□□□□ Windows Admin Center□□□□□ Win 10□□ server core□□□ Hyper-V□
□□□□□ Win 10□□□□ Hyper-V□□□□□ server core□□□ Hyper-V
□ Enhanced mode□□ connet server□□ VM□□□ config□□□□□□

```
C:\Users\Rain\AppData\Roaming\Microsoft\Windows\Hyper-V\Client\1.0
```

??KMS server?

□□ Wind4□□□ vlmcsd□□□□ hotbird64□□□□□□□□□□□□□□□□ floppy.vfd□□□□□□ VM
□□□□
□□□□□ winImage□□□□□□□ syslinux.cfg□□□□□

```
`# boot "LABEL dhcp" if prompt is 0 or the TIMEOUT has expired
DEFAULT static
`# Customizing
LABEL static
  KERNEL bzImage
  APPEND
  vga=773
  quiet
  initrd=initrd
  KBD=us
  LISTEN=::,0.0.0.0
  TZ=CST-8
  IPV4_CONFIG=STATIC
  IPV4_ADDRESS=192.168.0.3/24
  IPV4_GATEWAY=192.168.0.1
  IPV4_DNS1=8.8.8.8
  IPV4_DNS2=8.8.4.4
  NTP_SERVER=pool.ntp.org
  HOST_NAME=vlmcsd
  ROOT_PASSWORD=vlmcsd
  USER_NAME=user
  USER_PASSWORD=vlmcsd
  GUEST_PASSWORD=vlmcsd
  INETD=Y
```

```
WINDOWS=03612-00206-555-395032-03-1033-17763.0000-2802018
OFFICE2010=03612-00096-199-204970-03-1033-17763.0000-2802018
OFFICE2013=03612-00206-234-921934-03-1033-17763.0000-2802018
OFFICE2016=03612-00206-437-921934-03-1033-17763.0000-2802018
OFFICE2019=03612-00206-677-661250-03-1033-17763.0000-2802018
WINCHINAGOV=03612-03858-007-004198-03-1033-17763.0000-2802018
HWID=36:4F:46:3A:88:63:D3:5F
```

???????

```
REM * □□□□□□□□□□ *
NET VIEW \\192.168.0.8
REM * □□□□□□□□□□ *
net use
REM * connect□□□□□ *
net use Z: \\192.168.0.9\Downloads /user:userName password
REM * □□□□□□□□□□ *
net use z: /delete
REM * □□□□PageFile *
WMIC PAGEFILESET LIST /FORMAT:LIST
REM * □□□pageFile *
WMIC COMPUTERSYSTEM WHERE NAME="Server0BAK" SET AutomaticManagedPagefile=False
REM * □□□□□□□□□□PageFile *
WMIC PAGEFILESET DELETE /INTERACTIVE:?
REM * □□□□2G~384G□□□□□D:□PageFile *
WMIC PAGEFILESET CREATE Name="D:\pagefile.sys", InitialSize=2048,MaximumSize=262144
REM * □□□□□□PageFile *
WMIC PAGEFILESET WHERE Name="D:\\pagefile.sys" SET InitialSize=2048,MaximumSize=524288
REM * □□C□□LABEL *
Label C: System
REM * □□□□□□□ *
TASKMGR
```

Hyper-V??

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Debian

Debian

Debian 13

Hyper-V ?? Debian 13 VM

VM□□□□□

- Generation□ Gen 2
- CPU□ 8 vCPU
- RAM□ 4096 MB□□ Dynamic Memory□
- □□□□□□ 1TB□□□□

Secure Boot?Gen2 Linux ??????

Gen2 VM Secure Boot □□□□
□□ Linux □□□□□ Secure Boot Template □ “Microsoft UEFI Certificate Authority (UEFI CA)”
□□□ ISO □□□□□□□□□ Secure Boot □□□□□□□□□□□□□□□□□□

????IP??DNS??????

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????SSH

□□□ power shell□□ SSH□□ Debian□□□□□□□□□

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??word press ? bookStack ????????

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