

# Windows Server

- [Windows Server Core 2016](#)
- [Hyper-V](#)

# ????? Windows Server Core 2016

???core?

server core dos command line

?????

1. Ventoy ISO
2. MEMTEST86+ MEMTEST86+ RamDisk  
AIDI64
3. server key google 'KMS key'
4. diskpart  
DiskGenius bug  
DiskGenius
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 > I002t.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 * █████LABEL *
Label C: System
REM * ██████████ *
TASKMGR
```

# Hyper-V??

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